



# Comdata Web Services 1.0

## Specifications & Field Definitions

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## Document Information

Date	Version	Author	Notes
06/29/2012	Ver 4.0	Josh Palmer, Steven Harris	Changed order of elements to match request/response format; updated "For Future Use" notes
10/23/2012	Ver 4.1	Steven Harris	Updated Virtual Card Listing request to show the cardIdentifier field is not required and updated the Virtual Card Add to show all "openFor...MerchantGroup" fields are required.
3/5/2013	Ver 4.3	Josh Palmer, Steven Harris	Updated Limited Network Update and Virtual Card Listing request
4/3/2013	Ver 4.4	Steven Harris	Updated Virtual Card Update 2.0 to show 'cardIdentifier' accepts card tokens 'cardIdentifierType' accpets T (Token) as a value.
4/15/2013	Ver 4.5	Steven Harris	Added value "X" to cardStatus element in Web Services 2.0
5/20/2013	Ver. 5.0	Josh Palmer	Updated the endpoint and WSDL; Card Token and Card Update Date added to the Virtual Card Listing response
7/8/2013	Ver. 6.0	Josh Palmer	Added Stop Payment request
1/21/2015	Ver. 7.0	Steven Harris	Added Card Move Maintenance 1.0.3 and updated WSDL
7/26/2017	Ver. 8.0	Mayra Giron	Added Load Money Comchek 1.0 Request and Response records
3/30/2020	Ver. 9.0	Steven Harris	Added Proprietary Card Inquiry V02 1.0 Request and Response records.
8/25/2020	Ver. 10.0	Steven Harris	Removed "Comdata Virtual MasterCards" from Card Move Maintenance applicable card types.
2/3/2021	Ver 11.0	Nancy Brown	Added the <i>missing</i> Proprietary Card Update v02 1.0 Request and Response records; added Proprietary Card Inquiry v03 1.0 Request and Response records; added Proprietary Card Update v03 1.0 Request and Response records.
3/6/2021	Ver 12.0	Nancy Brown	Added Virtual Comchek Add 1.0, Virtual Comchek Inquiry 1.0, Virtual Comchek Update 1.0 Request and Response records. Added the Error Codes to the three sections.
3/17/2021	Ver 13.0	Nancy Brown	Corrected <i>taxIdType</i> field definition for Proprietary Card Update 3.0.
3/8/2022	Ver 14.0	Nancy Brown	Added sections: Card Transfer Maintenance by Card Token, Direct Deposit – Transfer to Bank, Track Card Shipment Status. Updated Functional Overview.
4/24/2023	Ver 15.0	Nancy Brown	Added sections: CardInquiry v04 and CardUpdate v04 per Periyasamy Kamaraj.
04/11/2025	V16.0	Hanna Alemu	Replaced Cert URLs (replaced w8cert with w6cert).

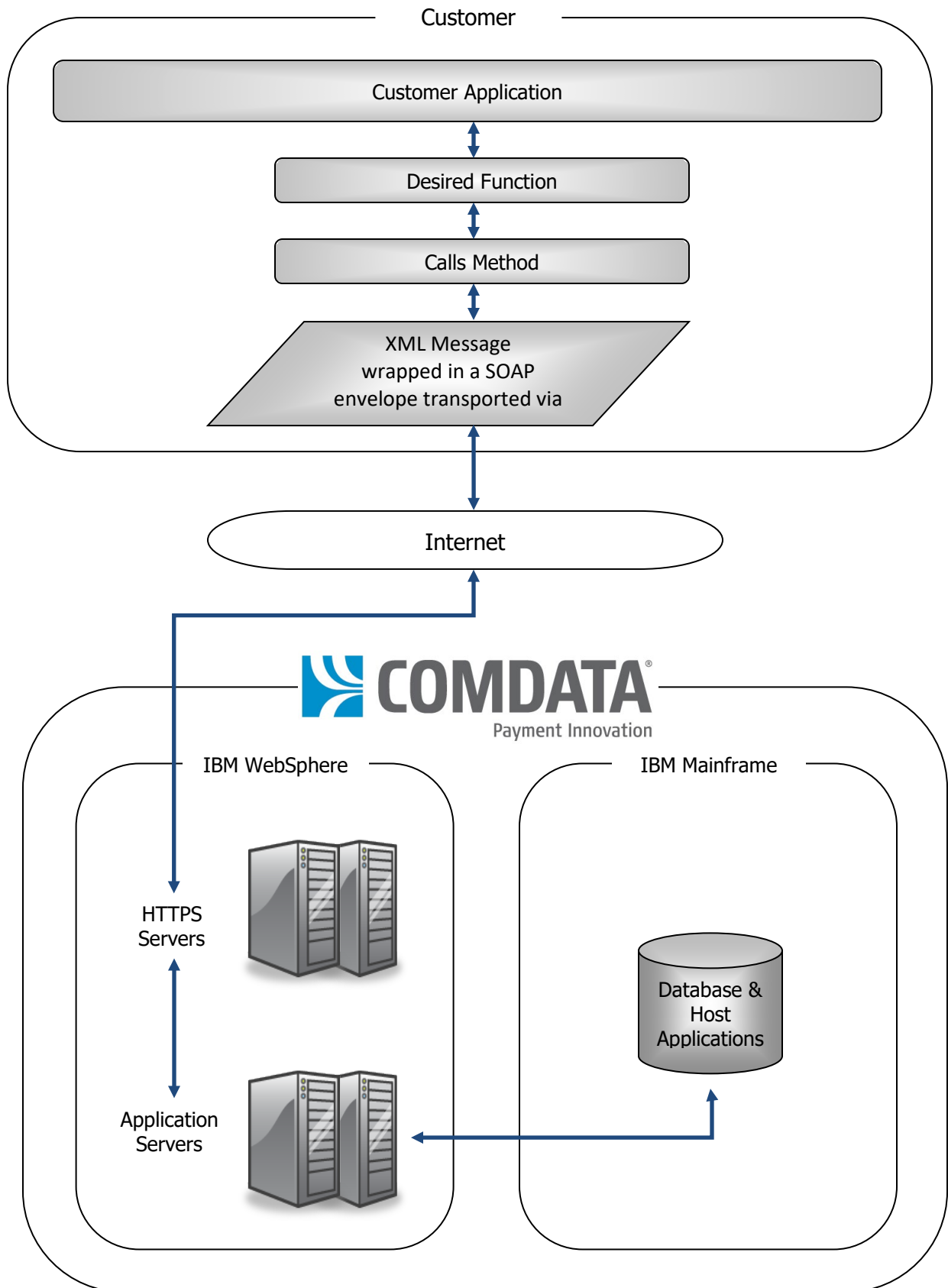
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# Comdata Web Services 1.0 Overview

## Comdata Web Services Architecture



## Comdata Web Services 1.0 Security

The Comdata web services 1.0 platform is protected by multiple layers of security to ensure that only authorized users may utilize these services. There are four levels of security. An authentication failure at any of these levels will deny access.

- Secure Socket Layer (SSL) Data Transport – All data must be transported utilizing Secure Hyper Text Transport Protocol (HTTPS) which relies on the Secure Socket Layer (SSL) data communications protocol.
- Public Key Encryption using Verisign© public 128-bit certificate
- WS-Security Basic Authentication – WS-Security is utilized to authenticate front-end access to web services. Comdata will provide authentication credentials, Username and Password values, which must be included in the WS-Security UsernameToken portion of the SOAP header.
- Host Authentication – Users are also required to pass Comdata host signOnName and password credentials within the body of the web service request. Comdata will provide these Host credentials.

## Comdata Web Services 1.0 Endpoint and WSDL

### Certification Environment

Endpoint: <https://w6cert.icconnectdata.com/cows/services/RealTimeOnline0103>

WSDL: <https://w6cert.icconnectdata.com/cows/services/RealTimeOnline0103/wSDL/RealTimeOnline0103.wSDL>

### Production Environment

Endpoint: <https://w6.icconnectdata.com/cows/services/RealTimeOnline0103>

WSDL: <https://w6.icconnectdata.com/cows/services/RealTimeOnline0103/wSDL/RealTimeOnline0103.wSDL>

## Comdata Web Services 1.0 General Requirements

- All alphabetical characters in element values should be in upper case.
- The SOAP implementation in Websphere 6.1 is compliant with the WS-I Basic Profile 1.0, which requires that all application-specific elements in the body must be namespace qualified to avoid name collision.
- In the event that a host response code / response message is not descriptive enough, please contact your Comdata Representative for a greater explanation.
- SOAP Fault Elements are utilized to communicate fault error and/or fault status information.

## Comdata Web Services 1.0 Functional Overview

		Relevant Card Type		
Card Based Functions		Comdata Proprietary Cards	Comdata MasterCard (physical & ghost)	Comdata Virtual MasterCard
Proprietary Card Maintenance				
Function	Web Service Method			
Proprietary Card Inquiry	cardInquiry	✓	✗	✗
Proprietary Card Inquiry V02	cardInquiryV02	✓	✗	✗
Proprietary Card Block and Unblock	cardBlockUnblock	✓	✗	✗
Proprietary Card Update	cardUpdate	✓	✗	✗
PIN Set	pinSet	✓	✗	✗
PIN Reset	pinReset	✓	✗	✗
Limited Network Update	limitedNetworkUpdate	✓	✗	✗
Card Transfer Maintenance	transferMaintenance	✓	✗	✗
Card Transfer Maintenance by Card Token	transferMaintenanceByCardtoken	✓	✗	✗
Direct Deposit – Transfer to Bank	transferToBank	✓	✗	✗
Track Card Shipment Status	trackCardShipmentStatus	✓	✗	✗
Location Maintenance	locationMaintenance	✓	✗	✗
Direct Deposit Add/Update	directDepositAddUpdate	✓	✗	✗
Direct Deposit Inquiry	directDepositInquiry	✓	✗	✗
Load Money Comchek	loadMoneyComchek	✓	✗	✗
Virtual MasterCard Maintenance		Comdata Proprietary Cards	Comdata MasterCard (physical & ghost)	Comdata Virtual MasterCard
Function	Web Service Method			
Request a new Virtual Card	virtualCardAdd	✗	✗	✓
Update an existing Virtual Card	virtualCardUpdate	✗	✗	✓
Inquire about an existing Virtual Card	virtualCardInquiry	✗	✗	✓
Express Cash		Comdata Proprietary Cards	Comdata MasterCard (physical & ghost)	Comdata Virtual MasterCard
Function	Web Service Method			
Load or Subtract Money onto Card	loadMoney			
Cancel (Reverse) Load Money	loadMoneyCancel	✓	✓	✗
Non Card Based Functions		Comdata Proprietary Cards	Comdata MasterCard (physical & ghost)	Comdata Virtual MasterCard
Express Check				
Function	Web Service Method			
Express Check Inquiry	expressCheckInquiry			
Express Check Maintenance	expressCheckMaintenance	N/A	N/A	N/A

Express Check Retrieval	expressCheckRetrieval	N/A	N/A	N/A
Express Check Issue	expressCheckIssue	N/A	N/A	N/A
Express Check Batch	expressCheckBatch	N/A	N/A	N/A

## Proprietary Card Block and Unblock 1.0

The Proprietary Card Block and Unblock 1.0 function provides the requestor a simple, stream-lined method for modifying the status of a Proprietary Card. Alternatively, proprietary card status can also be modified by using the Proprietary Card Update 1.0 function. The requestor has the option of which function(s) they would like to use to perform proprietary card maintenance.

Function:	Proprietary Card Block and Unblock 1.0
Web Service Method:	cardBlockUnblock
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00003
Other Notes:	

### Request Record - Proprietary Card Block and Unblock 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardBlockUnblock>				
<blockRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	This is the card that needs to be modified. Include full 10-digit card number. The 6 digit BIN '560017' is not required for proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
cardActive	xsd:boolean	Y	N/A	1 and TRUE = TRUE 0 and FALSE = FALSE
</blockRequest>				
</cardBlockUnblock>				



## Response Record - Proprietary Card Block and Unblock 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardBlockUnblockResponse>				
<cardBlockUnblockReturn>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	Y	10	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	Y	5	0=Update Complete Anything Else=Error
responseMessage	xsd:string	Y	80	Response Description.
trackingNumber	xsd:long	Y	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</cardBlockUnblockReturn>				
</cardBlockUnblockResponse>				

## Proprietary Card Inquiry V01 1.0

The Proprietary Card Inquiry 1.0 function is used to request the current attributes of a Comdata Proprietary Card. No card updates are performed. It is an information only request.

Function:	Proprietary Card Inquiry 1.0
Web Service Method:	cardInquiry
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00004
Other Notes:	

### Request Record – Proprietary Card Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiry				
<inquiryRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	This is the card that needs to be inquired upon. Include full 10-digit card number. The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</inquiryRequest>				
</cardInquiry>				

## Response Record – Proprietary Card Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryResponse>			
<cardInquiryReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
atmAccess	tns2:char	1	C or E = Yes N or blank = No
cardBalance	xsd:double	10	Express Cash balance. 999999.99 to -999999.99
cardNumber	xsd:string	16	The last 10 digits of the card number inquired upon
cardStatus	tns2:char	1	A=Active B=Blocked C=Clear D=Delete
cashLimit	xsd:double	8	99999.99
cashRenewDayOfWeek	xsd:string	7	7-byte representation of 7-day week (Sun-Sat) * For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Cash Advance else empty tag
cashUsed	xsd:double	9	999999.99
customerId	xsd:string	5	Value assigned by Comdata.
dieselGallonLimit	xsd:int	5	99999
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
firstName	xsd:string	15	Cardholder First Name
lastName	xsd:string	20	Cardholder Last Name
driverLicenseNumber	xsd:string	20	Driver License Number assigned to card.
driverLicenseState	xsd:string	2	2 letter abbreviation of Driver License State.
driverName	xsd:string	20	Format: [Cardholder Last Name],[Cardholder First Name]
employeeNumber	xsd:string	10	Employee Number assigned to card.
oilDollarLimit	xsd:double	6	999.99
oilDollarsUsed	xsd:double	9	999999.99
oilQuartLimit	xsd:int	3	999
oilQuartsUsed	xsd:int	4	9999
oilRenewDayOfWeek	xsd:string	7	7-byte representation of 7-day week (Sun-Sat) * For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Oil else empty tag
oneTimeCashLimit	xsd:double	8	99999.99
oneTimePurchaseLimit	xsd:double	8	99999.99
phoneLimit	xsd:double	8	99999.99
phoneRenewDayOfWeek	xsd:string	7	7-byte representation of 7-day week (Sun-Sat) * For example: 1001001

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
			0=No 1=Yes *contingent upon card being flagged for Phone else empty tag
phoneUsed	xsd:double	9	999999.99
primaryCardNumber	xsd:string	10	Primary Card Nbr if flagged for Primary/Secondary Card else empty tag
purchaseLimit	xsd:double	8	99999.99
purchaseRenewDayOfWeek	xsd:string	7	7-byte representation of 7-day week (Sun-Sat) * For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Fuel else empty tag
purchaseUsed	xsd:double	9	999999.99
reeferGallonLimit	xsd:int	5	99999
responseCode	xsd:int	5	0=Inquiry Successful Anything Else=Error
responseMessage	xsd:string	80	Response Description.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
trailerNumber	xsd:string	10	Trailer number assigned to card.
tripNumber	xsd:string	10	Trip number assigned to card.
unitNumber	xsd:string	6	Unit number assigned to card.
voiceMailEmail	tns2:char	1	V=Voice E=Email B=Both N or Blank=None
cashRenewDailyReset	xsd:boolean	1	0=No 1=Yes
cashRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
companyStandards	xsd:boolean	1	0=No 1=Yes
conferenceCall	xsd:boolean	1	0=No 1=Yes
expressCash	xsd:boolean	1	0=No 1=Yes
faxMail	xsd:boolean	1	0=No 1=Yes
fuelPurchase	xsd:boolean	1	0=No 1=Yes
informationService	xsd:boolean	1	0=No 1=Yes
limitedNetworkByCard	xsd:boolean	1	0=No 1=Yes
messageService	xsd:boolean	1	0=No 1=Yes
oilRenewDailyReset	xsd:boolean	1	0=No 1=Yes
oilRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
oneTimeFuelOffNetwork	xsd:boolean	1	0=No 1=Yes
phoneRenewDailyReset	xsd:boolean	1	0=No 1=Yes
phoneRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
phoneService	xsd:boolean	1	0=No 1=Yes
purchaseRenewDailyReset	xsd:boolean	1	0=No 1=Yes
purchaseRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
vruAccess	xsd:boolean	1	0=No 1=Yes
</cardInquiryReturn>			
</cardInquiryResponse>			

## Proprietary Card Inquiry V02 1.0

The Proprietary Card Inquiry V02 1.0 function is used to request the current attributes of a Comdata Proprietary Card. No card updates are performed. It is an information only request. Card inquiry by token has been introduced in this updated version.

Function:	Proprietary Card Inquiry V02 1.0
Web Service Method:	cardInquiryV02
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00005
Other Notes:	

### Request Record – Proprietary Card Inquiry V02 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryV02>				
<inquiryRequestV02>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardIdentifier	xsd:string	Y	16	This is the card number, employee number, or token number that needs to be inquired upon.  Include full 10-digit card number.  The 6-digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. [source: PASS]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
maskCardFlag	xsd:string	Y	1	Value Y or N or Blank. For 'Y', the cardNumber value will be masked in the response.

cardIdentifierType	xsd:string	Y	1	Value T or C or E to identify the type of card identifier. 'T' for Token, 'C' for card number and 'E' for employee number inserted in cardIdentifier field.
</inquiryRequestV02>				
</cardInquiryV02>				

## Response Record – Proprietary Card Inquiry V02 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryResponseV02>			
<cardInquiryReturnV02>			
accountCode	xsd:string	5	Value assigned by Comdata.
atmAccess	tns2:char	1	C or E = Yes N or blank = No
cardBalance	xsd:double	10	Express Cash balance. 999999.99 to -999999.99
cardNumber	xsd:string	16	The last 10 digits of the card number inquired upon
cardStatus	tns2:char	1	A=Active B=Blocked C=Clear D=Delete
cashLimit	xsd:double	8	99999.99
cashRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Cash Advance else empty tag
cashUsed	xsd:double	9	999999.99
customerId	xsd:string	5	Value assigned by Comdata.
dieselGallonLimit	xsd:int	5	99999
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
firstName	xsd:string	15	Cardholder First Name
lastName	xsd:string	20	Cardholder Last Name
driverLicenseNumber	xsd:string	20	Driver License Number assigned to card.
driverLicenseState	xsd:string	2	2 letter abbreviation of Driver License State.
driverName	xsd:string	20	Format: [Cardholder Last Name],[Cardholder First Name]
oilDollarLimit	xsd:double	6	999.99
oilDollarsUsed	xsd:double	9	999999.99
oilQuartLimit	xsd:int	3	999
oilQuartsUsed	xsd:int	4	9999
oilRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Oil else empty tag
oneTimeCashLimit	xsd:double	8	99999.99
oneTimePurchaseLimit	xsd:double	8	99999.99
primaryCardNumber	xsd:string	10	Primary Card Nbr if flagged for Primary/Secondary Card

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
			else empty tag
purchaseLimit	xsd:double	8	99999.99
purchaseRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Fuel else empty tag
purchaseUsed	xsd:double	9	999999.99
reeferGallonLimit	xsd:int	5	99999
responseCode	xsd:int	5	0=Inquiry Successful Anything Else=Error
responseMessage	xsd:string	80	Response Description.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
trailerNumber	xsd:string	10	Trailer number assigned to card.
tripNumber	xsd:string	10	Trip number assigned to card.
unitNumber	xsd:string	6	Unit number assigned to card.
cashRenewDailyReset	xsd:boolean	1	0=No 1=Yes
cashRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
companyStandards	xsd:boolean	1	0=No 1=Yes
expressCash	xsd:boolean	1	0=No 1=Yes
fuelPurchase	xsd:boolean	1	0=No 1=Yes
limitedNetworkByCard	xsd:boolean	1	0=No 1=Yes
oilRenewDailyReset	xsd:boolean	1	0=No 1=Yes
oilRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
oneTimeFuelOffNetwork	xsd:boolean	1	0=No 1=Yes
purchaseRenewDailyReset	xsd:boolean	1	0=No 1=Yes
purchaseRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
vruAccess	xsd:boolean	1	0=No 1=Yes
expCardEmployeeNumber	xsd:string	16	
ignore1HourCheck	xsd:boolean	1	0=No 1=Yes
otherQuantityLimit	xsd:int	6	
oneTwoRenewDailyReset	xsd:boolean	1	0=No 1=Yes
oneTwoRenewDayOfWeek	xsd:string	7	
oneTwoRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
reeferRenewDailyReset	xsd:boolean	1	0=No 1=Yes
reeferRenewDayOfWeek	xsd:string	7	
reeferRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
otherRenewDailyReset	xsd:boolean	1	0=No 1=Yes
otherRenewDayOfWeek	xsd:string	7	
otherRenewResetByTrip	xsd:boolean	1	0=No 1=Yes
tripNumber2	xsd:string	10	
tripNumber3	xsd:string	10	
tokenNumber	xsd:string	10	Token number is an alternative number that can be used for referencing the card. Typically used by customers to avoid storage of card numbers to mitigate security concerns.
</cardInquiryReturnV02>			

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<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
</cardInquiryResponseV02>			



## Proprietary Card Inquiry V03 1.0

The Proprietary Card Inquiry V03 1.0 function is used to request the current attributes of a Comdata Proprietary Card. No card updates are performed. It is an information only request. Card inquiry by token has been introduced in this updated version.

Function:	Proprietary Card Inquiry V03 1.0
Web Service Method:	cardInquiryV03
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00055
Other Notes:	

### Request Record – Proprietary Card Inquiry V03 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryV03>				
<inquiryRequestV03>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardIdentifier	xsd:string	Y	16	This is the card number, employee number, or token number that needs to be inquired upon.  Include full 10-digit card number.  The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. [source: PASS]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
maskCardFlag	xsd:string	Y	1	Value Y or N or Blank. For 'Y', the cardNumber value will be masked in the response.
cardIdentifierType	xsd:string	Y	1	Value T or C or E to identify the type of card identifier. 'T' for Token, 'C' for card number and 'E' for employee number inserted in cardIdentifier field.
</inquiryRequestV03>				
</cardInquiryV03>				

## Response Record – Proprietary Card Inquiry V03 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryResponseV03>			
<cardInquiryReturnV03>			
accountCode	xsd:string	5	Value assigned by Comdata.
atmAccess	xsd:string	1	C or E = Yes N or blank = No
cardBalance	xsd:string	10	Express Cash balance. 999999.99 to -999999.99
cardNumber	xsd:string	16	The last 10 digits of the card number inquired upon
cardStatus	xsd:string	1	A=Active B=Blocked C=Clear D=Delete
cashLimit	xsd:string	8	99999.99
cashRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Cash Advance else empty tag
cashUsed	xsd:string	9	999999.99
customerId	xsd:string	5	Value assigned by Comdata.
dieselGallonLimit	xsd:string	5	99999
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
firstName	xsd:string	15	Cardholder First Name
lastName	xsd:string	20	Cardholder Last Name
driverLicenseNumber	xsd:string	20	Driver License Number assigned to card.
driverLicenseState	xsd:string	2	2 letter abbreviation of Driver License State.
driverName	xsd:string	20	Format: [Cardholder Last Name],[Cardholder First Name]
oilDollarLimit	xsd:string	6	999.99
oilDollarsUsed	xsd:string	9	999999.99
oilQuartLimit	xsd:string	3	999
oilQuartsUsed	xsd:string	4	9999
oilRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Oil else empty tag
oneTimeCashLimit	xsd:string	8	99999.99
oneTimePurchaseLimit	xsd:string	8	99999.99
primaryCardNumber	xsd:string	10	Primary Card Nbr if flagged for Primary/Secondary Card else empty tag
purchaseLimit	xsd:string	8	99999.99
purchaseRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Fuel else empty tag
purchaseUsed	xsd:string	9	999999.99
reeferGallonLimit	xsd:string	5	99999

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
responseCode	xsd:string	5	0=Inquiry Successful Anything Else=Error
responseMessage	xsd:string	80	Response Description.
trackingNumber	xsd:string	9	Comdata assigned value attached to this response record.
trailerNumber	xsd:string	10	Trailer number assigned to card.
tripNumber	xsd:string	10	Trip number assigned to card.
cashRenewDailyReset	xsd:string	1	0=No 1=Yes
cashRenewResetByTrip	xsd:string	1	0=No 1=Yes
companyStandards	xsd:string	1	0=No 1=Yes
expressCash	xsd:string	1	0=No 1=Yes
fuelPurchase	xsd:string	1	0=No 1=Yes
limitedNetworkByCard	xsd:string	1	0=No 1=Yes
oilRenewDailyReset	xsd:string	1	0=No 1=Yes
oilRenewResetByTrip	xsd:string	1	0=No 1=Yes
oneTimeFuelOffNetwork	xsd:string	1	0=No 1=Yes
purchaseRenewDailyReset	xsd:string	1	0=No 1=Yes
purchaseRenewResetByTrip	xsd:string	1	0=No 1=Yes
vruAccess	xsd:string	1	0=No 1=Yes
expCardEmployeeNumber	xsd:string	16	
ignore1HourCheck	xsd:string	1	0=No 1=Yes
otherQuantityLimit	xsd:string	6	
oneTwoRenewDailyReset	xsd:string	1	0=No 1=Yes
oneTwoRenewDayOfWeek	xsd:string	7	
oneTwoRenewResetByTrip	xsd:string	1	0=No 1=Yes
reeferRenewDailyReset	xsd:string	1	0=No 1=Yes
reeferRenewDayOfWeek	xsd:string	7	
reeferRenewResetByTrip	xsd:string	1	0=No 1=Yes
otherRenewDailyReset	xsd:string	1	0=No 1=Yes
otherRenewDayOfWeek	xsd:string	7	
otherRenewResetByTrip	xsd:string	1	0=No 1=Yes
tripNumber2	xsd:string	10	
tripNumber3	xsd:string	10	
unitNumber	xsd:string	10	Unit number assigned to card.
cardHoldAmount	xsd:string	9	999999.99
tokenNumber	xsd:string	10	Token number is an alternative number that can be used for referencing the card. Typically used by customers to avoid storage of card numbers to mitigate security concerns.
cardHolderAddress1	xsd:string	25	
cardHolderAddress2	xsd:string	25	
cardHolderCity	xsd:string	16	
cardHolderState	xsd:string	2	
cardHolderZip	xsd:string	9	
cardHolderType	xsd:string	1	B=Business, I = Individual
businessName	xsd:string	30	
cardHolderDOB	xsd:string	8	MMDDYYYY (YYYY will be masked with *)
taxIdType	xsd:string	1	S=Social Security Number E = Employer ID

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
taxId	xsd:string	9	999999999 (first 5 digits will be masked with *)
cardHolderEmail	xsd:string	50	
cardHolderPhone	xsd:string	10	
cardHolderWorkLocState	xsd:string	2	
cardHolderUseType	xsd:string	1	P=Payroll S = Settlement
cardHolderEmailAlertSignUp	xsd:string	1	Y=send alert via email
cardHolderTextAlertSignUp	xsd:string	1	Y=send alert via phone number
cipFlag	xsd:string	1	Y=CIP has passed, N=CIP has not been requested, P=CIP is pending approval, F=CIP has failed
cipDate	xsd:string	8	If CIP has passed, this will be a date (MMDDYYYY)
onRoadCardIndicator	xsd:string	1	Y=This is an OnRoad card
</cardInquiryReturnV03>			
</cardInquiryResponseV03>			

## Proprietary Card Inquiry V04 1.0

The Proprietary Card Inquiry V04 1.0 function is used to request the current attributes of a Comdata Proprietary Card. No card updates are performed. It is an information only request. Card inquiry by token has been introduced in this updated version.

Function:	Proprietary Card Inquiry V04 1.0
Web Service Method:	cardInquiryV04
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00055, TS00042
Comdata MQ program	00071/01
Other Notes:	

### Request Record – Proprietary Card Inquiry V04 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryV04>				
<inquiryRequestV04>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardIdentifier	xsd:string	Y	16	This is the card number, employee number, or token number that needs to be inquired upon.  Include full 10-digit card number.  The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. [source: PASS]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
maskCardFlag	xsd:string	Y	1	Value Y or N or Blank. For 'Y', the cardNumber value will be masked in the response.
cardIdentifierType	xsd:string	Y	1	Value T or C or E to identify the type of card identifier. 'T' for Token, 'C' for card number and 'E' for employee number inserted in cardIdentifier field.
</inquiryRequestV04>				
</cardInquiryV04>				

## Response Record – Proprietary Card Inquiry V04 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardInquiryResponseV04>			
<cardInquiryReturnV04>			
accountCode	xsd:string	5	Value assigned by Comdata.
atmAccess	xsd:string	1	C or E = Yes N or blank = No
cardBalance	xsd:string	10	Express Cash balance. 999999.99 to -999999.99
cardNumber	xsd:string	16	The last 10 digits of the card number inquired upon
cardStatus	xsd:string	1	A=Active B=Blocked C=Clear D=Delete
cashLimit	xsd:string	8	99999.99
cashRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Cash Advance else empty tag
cashUsed	xsd:string	9	999999.99
customerId	xsd:string	5	Value assigned by Comdata.
dieselGallonLimit	xsd:string	5	99999
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
firstName	xsd:string	15	Cardholder First Name
lastName	xsd:string	20	Cardholder Last Name
driverLicenseNumber	xsd:string	20	Driver License Number assigned to card.
driverLicenseState	xsd:string	2	2 letter abbreviation of Driver License State.
driverName	xsd:string	20	Format: [Cardholder Last Name],[Cardholder First Name]
oilDollarLimit	xsd:string	6	999.99
oilDollarsUsed	xsd:string	9	999999.99
oilQuartLimit	xsd:string	3	999
oilQuartsUsed	xsd:string	4	9999
oilRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Oil else empty tag
oneTimeCashLimit	xsd:string	8	99999.99
oneTimePurchaseLimit	xsd:string	8	99999.99
primaryCardNumber	xsd:string	10	Primary Card Nbr if flagged for Primary/Secondary Card else empty tag
purchaseLimit	xsd:string	8	99999.99
purchaseRenewDayOfWeek	xsd:string	7	7 byte representation of 7-day week (Sun-Sat)* For example: 1001001 0=No 1=Yes *contingent upon card being flagged for Fuel else empty tag
purchaseUsed	xsd:string	9	999999.99

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
reeferGallonLimit	xsd:string	5	99999
responseCode	xsd:string	5	0=Inquiry Successful Anything Else=Error
responseMessage	xsd:string	80	Response Description.
trackingNumber	xsd:string	9	Comdata assigned value attached to this response record.
trailerNumber	xsd:string	10	Trailer number assigned to card.
tripNumber	xsd:string	10	Trip number assigned to card.
cashRenewDailyReset	xsd:string	1	0=No 1=Yes
cashRenewResetByTrip	xsd:string	1	0=No 1=Yes
companyStandards	xsd:string	1	0=No 1=Yes
expressCash	xsd:string	1	0=No 1=Yes
fuelPurchase	xsd:string	1	0=No 1=Yes
limitedNetworkByCard	xsd:string	1	0=No 1=Yes
oilRenewDailyReset	xsd:string	1	0=No 1=Yes
oilRenewResetByTrip	xsd:string	1	0=No 1=Yes
oneTimeFuelOffNetwork	xsd:string	1	0=No 1=Yes
purchaseRenewDailyReset	xsd:string	1	0=No 1=Yes
purchaseRenewResetByTrip	xsd:string	1	0=No 1=Yes
vruAccess	xsd:string	1	0=No 1=Yes
expCardEmployeeNumber	xsd:string	16	
ignore1HourCheck	xsd:string	1	0=No 1=Yes
otherQuantityLimit	xsd:string	6	
oneTwoRenewDailyReset	xsd:string	1	0=No 1=Yes
oneTwoRenewDayOfWeek	xsd:string	7	
oneTwoRenewResetByTrip	xsd:string	1	0=No 1=Yes
reeferRenewDailyReset	xsd:string	1	0=No 1=Yes
reeferRenewDayOfWeek	xsd:string	7	
reeferRenewResetByTrip	xsd:string	1	0=No 1=Yes
otherRenewDailyReset	xsd:string	1	0=No 1=Yes
otherRenewDayOfWeek	xsd:string	7	
otherRenewResetByTrip	xsd:string	1	0=No 1=Yes
tripNumber2	xsd:string	10	
tripNumber3	xsd:string	10	
unitNumber	xsd:string	10	Unit number assigned to card.
cardHoldAmount	xsd:string	9	999999.99
tokenNumber	xsd:string	10	Token number is an alternative number that can be used for referencing the card. Typically used by customers to avoid storage of card numbers to mitigate security concerns.
cardHolderAddress1	xsd:string	25	
cardHolderAddress2	xsd:string	25	
cardHolderCity	xsd:string	16	
cardHolderState	xsd:string	2	
cardHolderZip	xsd:string	9	
cardHolderType	xsd:string	1	B=Business, I = Individual
businessName	xsd:string	30	
cardHolderDOB	xsd:string	8	MMDDYYYY (YYYY will be masked with *)

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
taxIdType	xsd:string	1	S=Social Security Number E = Employer ID
taxId	xsd:string	9	999999999 (first 5 digits will be masked with *)
cardHolderEmail	xsd:string	50	
cardHolderPhone	xsd:string	10	
cardHolderWorkLocState	xsd:string	2	
cardHolderUseType	xsd:string	1	P=Payroll S = Settlement
cardHolderEmailAlertSignUp	xsd:string	1	Y=send alert via email
cardHolderTextAlertSignUp	xsd:string	1	Y=send alert via phone number
cipFlag	xsd:string	1	Y=CIP has passed, N=CIP has not been requested, P=CIP is pending approval, F=CIP has failed
cipDate	xsd:string	8	If CIP has passed, this will be a date (MMDDYYYY)
onRoadCardIndicator	xsd:string	1	Y=This is an OnRoad card
driverNumberFlag	xsd:string	1	Employee/Driver number Flag. Either 'Y' or 'N'
verifyUnitFlag	xsd:string	1	Unit/Vehicle verify Flag. Either 'Y' or 'N'
tripNumberFlag	xsd:string	1	Trip number flag. Either 'Y' or 'N'
tripNumberLength	xsd:string	2	Length of the Trip number value
tripNumberEdit	xsd:string	10	Trip Number edit value
hubCaptureFlag	xsd:string	1	Hubometer capture Flag. Either 'Y' or 'N'
hubMinimum	xsd:string	6	Hubometer minimum value. E.g., 999999
hubMaximum	xsd:string	6	Hubometer minimum value. E.g., 999999
hubOverrideFlag	xsd:string	1	Hubometer override Flag. Either 'Y' or 'N'
<b>&lt;products&gt;</b>			
<b>&lt;product&gt;</b>	<b>1 to 36 repetitions. This group of fields can be repeated up to 36 times.</b>		
productCode	xsd:string	2	Product code. Eg: 00, 01 to 09 and A to Z.
productDescription	xsd:string	15	Name of the product. Eg: ADDITIVES
productAvailable	xsd:string	1	Name of the product. Eg: ADDITIVES
dailyMaxDollarAmount	xsd:string	5	5-digit full number. Eg: 99999
dailyMaxDollarAmount	xsd:string	5	5-digit full number. Eg: 99999
dailyMaxDollarAmount	xsd:string	5	5-digit full number. Eg: 99999
<b>&lt;product&gt;</b>			
<b>&lt;products&gt;</b>			
<b>&lt;/cardInquiryReturnV04&gt;</b>			
<b>&lt;/cardInquiryResponseV04&gt;</b>			



## Proprietary Card Update V1.0 1.0

The Proprietary Card Update 1.0 V01 function is used to make updates to a Comdata Proprietary Card. This function is the workhorse for making updates to proprietary cards.

Function:	Proprietary Card Update V1.0 1.0
Web Service Method:	cardUpdate
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00002
Other Notes:	

### Request Record – Proprietary Card Update 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardUpdate>				
<updateRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	10	This is the card that needs to be modified. Include full 10-digit card number. The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverLicenseNumber	xsd:string	N	20	Driver's License Number of cardholder
driverLicenseState	xsd:string	N	2	Driver's License State of cardholder
employeeNumber	xsd:string	N	16	Cardholder Employee Number
firstName	xsd:string	N	15	Cardholder First Name
lastName	xsd:string	N	20	Cardholder Last Name Must be at least 3 successive alpha characters; no spaces, special characters, or numbers.
oilRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
oneTwoRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
reeferRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
otherRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
phoneRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
primaryCardNumber	xsd:string	N	10	Primary Card Nbr if flagged for Primary/Secondary Card
purchaseRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
trailerNumber	xsd:string	N	10	Trailer Number assigned to card.
tripNumber	xsd:string	N	10	Trip Number assigned to card.
unitNumber	xsd:string	N	6	Unit Number assigned to card.
atmAccess	tns2:char	N	1	E = Express Cash, C = Cash on Card, B = Both, N = No
cardStatus	tns2:char	N	1	A = Active, B = Block, C = Clear, D = Delete, L = Lost
voiceMailEmail	tns2:char	N	1	1=Voice 2=Email 3=Both Blank or 0=No
cashLimit	xsd:double	Y	8	99999.99 0=No Change
oneTimeCashLimit	xsd:double	Y	8	99999.99 0=No Change
oilDollarLimit	xsd:double	Y	6	999.99 0=No Change
phoneLimit	xsd:double	Y	8	99999.99 0=No Change
purchaseLimit	xsd:double	Y	8	99999.99 0=No Change
oneTimePurchaseLimit	xsd:double	Y	8	99999.99 0=No Change
trackingNumber	xsd:long	Y	9	Number (data type: long)
dieselGallonLimit	xsd:int	Y	5	99999 0=No Change
oilQuartLimit	xsd:int	Y	3	999 0=No Change
reeferGallonLimit	xsd:int	Y	5	99999 0=No Change
reeferQuantityLimit	xsd:int	Y	5	99999 0=No Change
oneTwoQuantityLimit	xsd:int	Y	5	99999 0=No Change
otherQuantityLimit	xsd:int	Y	5	99999 0=No Change
cashRenewDayOfWeek	xsd:string	Y	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
cashRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
companyStandards	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
expressCash	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
faxMail	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
fuelPurchase	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
informationService	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
limitedNetworkByCard	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
messageService	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
oilRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
oilRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
oneTwoRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>	
oneTwoRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
reeferRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
reeferRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
otherRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
otherRenewByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
oneTimeFuelOffNetwork	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneService	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
vruAccess	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
ignore1HourCheck	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
</updateRequest>					
</cardUpdate>					

## Response Record – Proprietary Card Update 1.0

<cardUpdateResponse>		
<cardUpdateReturn>		
<i>Element Name</i>	<i>Data Type</i>	<i>Comment / Example Value</i>
accountCode	xsd:string	Value assigned by Comdata.
customerId	xsd:string	Value assigned by Comdata.
discretionaryData	xsd:string	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	0=Update Complete Anything Else=Error
responseMessage	xsd:string	Response Description
trackingNumber	xsd:long	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</cardUpdateReturn>		
</cardUpdateResponse>		

## Proprietary Card Update V2.0 1.0

The Proprietary Card Update 1.0 V02 function is used to make updates to a Comdata Proprietary Card. This function is the workhorse for making updates to proprietary cards.

Function:	Proprietary Card Update V02 1.0
Web Service Method:	cardUpdate
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00002
Other Notes:	

### Request Record – Proprietary Card Update 2.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardUpdateV02>				
<updateRequestV02>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	10	This is the card that needs to be modified. Include full 10-digit card number. The 6 digit BIN '560017' is not required on proprietary cards.
cashRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverLicenseNumber	xsd:string	N	20	Driver's License Number of cardholder
driverLicenseState	xsd:string	N	2	Driver's License State of cardholder
employeeNumber	xsd:string	N	16	Cardholder Employee Number
firstName	xsd:string	N	15	Cardholder First Name
lastName	xsd:string	N	20	Cardholder Last Name Must be at least 3 successive alpha characters; no spaces, special characters, or numbers.
oilRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
oneTwoRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
reeferRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
otherRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Mon-Sun) For example: 1001001

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				0=No 1=Yes
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
phoneRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
primaryCardNumber	xsd:string	N	10	Primary Card Nbr if flagged for Primary/Secondary Card
purchaseRenewDayOfWeek	xsd:string	N	7	7-byte representation of 7-day week (Sun-Sat) For example: 1001001 0=No 1=Yes
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
trailerNumber	xsd:string	N	10	Trailer Number assigned to card.
tripNumber	xsd:string	N	10	Trip Number assigned to card.
unitNumber	xsd:string	N	6	Unit Number assigned to card.
atmAccess	tns2:char	N	1	E = Express Cash, C = Cash on Card, B = Both, N = No
cardStatus	tns2:char	N	1	A = Active, B = Block, C = Clear, D = Delete, L = Lost
voiceMailEmail	tns2:char	N	1	1=Voice 2=Email 3=Both Blank or 0=No
cashLimit	xsd:double	Y	8	99999.99 0=No Change
oneTimeCashLimit	xsd:double	Y	8	99999.99 0=No Change
oilDollarLimit	xsd:double	Y	6	999.99 0=No Change
phoneLimit	xsd:double	Y	8	99999.99 0=No Change
purchaseLimit	xsd:double	Y	8	99999.99 0=No Change
oneTimePurchaseLimit	xsd:double	Y	8	99999.99 0=No Change
trackingNumber	xsd:long	Y	9	Number (data type: long)
dieselGallonLimit	xsd:int	Y	5	99999 0=No Change
oilQuartLimit	xsd:int	Y	3	999 0=No Change
reeferGallonLimit	xsd:int	Y	5	99999 0=No Change
reeferQuantityLimit	xsd:int	Y	5	99999 0=No Change
oneTwoQuantityLimit	xsd:int	Y	5	99999 0=No Change
otherQuantityLimit	xsd:int	Y	5	99999 0=No Change
cashRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
cashRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
companyStandards	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
conferenceCall	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
expressCash	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
faxMail	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
fuelPurchase	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
informationService	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
limitedNetworkByCard	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
messageService	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes
oilRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>	
oilRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
oneTwoRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
oneTwoRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
reeferRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
reeferRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
otherRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
otherRenewByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
oneTimeFuelOffNetwork	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneService	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
phoneRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewDailyReset	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
purchaseRenewResetByTrip	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
vruAccess	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
ignore1HourCheck	xsd:boolean	Y	N/A	FALSE and 0 = No	TRUE and 1 = Yes
tripNumber2	xsd:string	N	10		
tripNumber3	xsd:string	N	10		
</updateRequestV02>					
</cardUpdateV02>					

## Response Record – Proprietary Card Update 2.0 1.0

<cardUpdateResponseV02>		
<cardUpdateReturnV02>		
<i>Element Name</i>	<i>Data Type</i>	<i>Comment / Example Value</i>
accountCode	xsd:string	Value assigned by Comdata.
customerId	xsd:string	Value assigned by Comdata.
discretionaryData	xsd:string	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	0=Update Complete Anything Else=Error
responseMessage	xsd:string	Response Description
trackingNumber	xsd:long	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</cardUpdateReturnV02>		
</cardUpdateResponseV02>		

## Proprietary Card Update V3.0 1.0

The Proprietary Card Update 1.0 V03 function is used to make updates to a Comdata Proprietary Card. This function is the workhorse for making updates to proprietary cards.

Function:	Proprietary Card Update V03 1.0
Web Service Method:	cardUpdateV03
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00054
Other Notes:	

### Request Record – Proprietary Card Update V03 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardUpdateV03>				
<updateRequestV03>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardIdentifierType	xsd:string	Y	1	Value assigned by Comdata.
cardNumber	xsd:string	Y	10	This is the card that needs to be modified. Include full 10-digit card number. The 6 digit BIN '560017' is not required on proprietary cards.
cashRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverLicenseNumber	xsd:string	N	20	Driver's License Number of cardholder Blank=No Update Space=Update to space out
driverLicenseState	xsd:string	N	2	Driver's License State of cardholder Blank=No Update Space=Update to space out
employeeNumber	xsd:string	N	16	Cardholder Employee Number Blank=No Update Space=Update to space out
firstName	xsd:string	N	15	Card Cardholder First Name Blank=No Update Space=Update to space out holder First Name
lastName	xsd:string	N	20	Cardholder Last Name Blank=No Update Space=Update to space out Must be at least 3 successive alpha characters; no spaces, special characters, or numbers
oilRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes



<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				Blank=No Update Space=Update to space out
oneTwoRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
reeferRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
otherRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
primaryCardNumber	xsd:string	N	10	Primary Card Nbr if flagged for Primary/Secondary Card Blank=No Update Space=Update to space out
purchaseRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
trailerNumber	xsd:string	N	10	Trailer Number assigned to card. Blank=No Update Space=Update to space out
tripNumber	xsd:string	N	10	Trip Number assigned to card. Blank=No Update Space=Update to space out
unitNumber	xsd:string	N	6	Unit Number assigned to card. Blank=No Update Space=Update to space out
atmAccess	xsd:string	N	1	E = Express Cash C = Cash on Card B = Both N = No Blank=No Update
cardStatus	xsd:string	N	1	A = Active B=Block C=Clear D=Delete L = Lost Blank=No Update
cashLimit	xsd:string	N	8	99999.99 Blank=No Update 0 = Update to 0.0
oneTimeCashLimit	xsd:string	N	8	99999.99 Blank=No Update 0 = Update to 0.0
oilDollarLimit	xsd:string	N	6	999.99



<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				Blank=No Update 0 = Update to 0.0
purchaseLimit	xsd:string	N	11	99999.99 Blank=No Update 0 = Update to 0.0
oneTimePurchaseLimit	xsd:string	N	11	99999.99 Blank=No Update 0 = Update to 0.0
trackingNumber	xsd:string	N	9	Number (data type: long)
oilQuartLimit	xsd:string	N	3	999 Blank=No Update 0 = Update to 0
reeferQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
oneTwoQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
otherQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
cashRenewDailyReset	xsd:string	N	N/A	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
cashRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
companyStandards	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
expressCash	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
fuelPurchase	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
limitedNetworkByCard	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oilRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oilRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTwoRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTwoRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
reeferRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
reeferRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
otherRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
otherRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTimeFuelOffNetwork	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
purchaseRenewDailyReset	xsd:string	Y	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
purchaseRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
vruAccess	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
ignore1HourCheck	xsd:string	N	N/A	TRUE and 1 = Yes and Blank = No Update
tripNumber2	xsd:string	N	10	Blank=No Update Space=Update to space out
tripNumber3	xsd:string	N	10	Blank=No Update Space=Update to space out
cardHolderAddress1	xsd:string	N	25	Blank=No Update Space=Update to space out
cardHolderAddress2	xsd:string	N	25	Blank=No Update Space=Update to space out
cardHolderCity	xsd:string	N	16	Blank=No Update Space=Update to space out
cardHolderState	xsd:string	N	2	Blank=No Update Space=Update to space out
cardHolderZip	xsd:string	N	9	Blank=No Update
cardHolderType	xsd:string	N		B=Business I=Individual Can not change after CIP check
businessName	xsd:string	N	30	Blank=No Update
cardHolderDOB	xsd:string	N	8	mmdyyyy Blank=No Update
taxIdType	xsd:string	N	1	S=Social Security Number E=Employer Identification Number Cannot change after CIP check
taxId	xsd:string	N	9	Blank=No Update
cardHolderEmail	xsd:string	N	50	Blank=No Update
cardHolderPhone	xsd:string	N	10	Blank=No Update Space=Update to space out
cardHolderWorkLocState	xsd:string	N	2	Blank=No Update
cardHolderUseType	xsd:string	N	1	P = Payroll, S = Settlement
cardHolderEmailAlertSignUp	xsd:string	N	1	Y/N - Y requires email address Blank=No Update
cardHolderTextAlertSignUp	xsd:string	N	1	Y/N - Y requires phone number Blank=No Update
</updateRequestV03>				
</cardUpdateV03>				

## Response Record – Proprietary Card Update V03 1.0

<cardUpdateResponseV03>		
<cardUpdateReturnV03>		
<i>Element Name</i>	<i>Data Type</i>	<i>Comment / Example Value</i>
accountCode	xsd:string	Value assigned by Comdata.
customerId	xsd:string	Value assigned by Comdata.
discretionaryData	xsd:string	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	0=Update Complete Anything Else=Error
responseMessage	xsd:string	Response Description
trackingNumber	xsd:long	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</cardUpdateReturnV03>		
</cardUpdateResponseV03>		

## Proprietary Card Update V4.0 1.0

The Proprietary Card Update 1.0 V04 function is used to make updates to a Comdata Proprietary Card. This function is the workhorse for making updates to proprietary cards.

Function:	Proprietary Card Update V04 1.0
Web Service Method:	cardUpdateV04
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00054, TS00043
Comdata MQ Program	00071/02
Other Notes:	

### Request Record – Proprietary Card Update V04 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cardUpdateV04>				
<updateRequestV04>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardIdentifierType	xsd:string	Y	1	Value assigned by Comdata.
cardNumber	xsd:string	Y	10	This is the card that needs to be modified. Include full 10-digit card number. The 6 digit BIN '560017' is not required on proprietary cards.
cashRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverLicenseNumber	xsd:string	N	20	Driver's License Number of cardholder Blank=No Update Space=Update to space out
driverLicenseState	xsd:string	N	2	Driver's License State of cardholder Blank=No Update Space=Update to space out
employeeNumber	xsd:string	N	16	Cardholder Employee Number Blank=No Update Space=Update to space out
firstName	xsd:string	N	15	Card Cardholder First Name Blank=No Update Space=Update to space out holder First Name
lastName	xsd:string	N	20	Cardholder Last Name Blank=No Update Space=Update to space out Must be at least 3 successive alpha characters; no spaces, special characters, or numbers
oilRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				0=No 1=Yes Blank=No Update Space=Update to space out
oneTwoRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
reeferRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
otherRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
primaryCardNumber	xsd:string	N	10	Primary Card Nbr if flagged for Primary/Secondary Card Blank=No Update Space=Update to space out
purchaseRenewDayOfWeek	xsd:string	N	7	7 byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes Blank=No Update Space=Update to space out
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
trailerNumber	xsd:string	N	10	Trailer Number assigned to card. Blank=No Update Space=Update to space out
tripNumber	xsd:string	N	10	Trip Number assigned to card. Blank=No Update Space=Update to space out
unitNumber	xsd:string	N	6	Unit Number assigned to card. Blank=No Update Space=Update to space out
atmAccess	xsd:string	N	1	E = Express Cash C = Cash on Card B = Both N = No Blank=No Update
cardStatus	xsd:string	N	1	A = Active B=Block C=Clear D=Delete L = Lost Blank=No Update
cashLimit	xsd:string	N	8	99999.99 Blank=No Update 0 = Update to 0.0
oneTimeCashLimit	xsd:string	N	8	99999.99 Blank=No Update 0 = Update to 0.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
oilDollarLimit	xsd:string	N	6	999.99 Blank=No Update 0 = Update to 0.0
purchaseLimit	xsd:string	N	11	99999.99 Blank=No Update 0 = Update to 0.0
oneTimePurchaseLimit	xsd:string	N	11	99999.99 Blank=No Update 0 = Update to 0.0
trackingNumber	xsd:string	N	9	Number (data type: long)
oilQuartLimit	xsd:string	N	3	999 Blank=No Update 0 = Update to 0
reeferQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
oneTwoQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
otherQuantityLimit	xsd:string	N	5	99999 Blank=No Update 0 = Update to 0
cashRenewDailyReset	xsd:string	N	N/A	7-byte representation of 7-day week (Mon-Sun) For example: 1001001 0=No 1=Yes
cashRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
companyStandards	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
expressCash	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
fuelPurchase	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
limitedNetworkByCard	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oilRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oilRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTwoRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTwoRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
reeferRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
reeferRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
otherRenewDailyReset	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
otherRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
oneTimeFuelOffNetwork	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
purchaseRenewDailyReset	xsd:string	Y	N/A	FALSE and 0 = No

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				TRUE and 1 = Yes and Blank = No Update
purchaseRenewResetByTrip	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
vruAccess	xsd:string	N	N/A	FALSE and 0 = No TRUE and 1 = Yes and Blank = No Update
ignore1HourCheck	xsd:string	N	N/A	TRUE and 1 = Yes and Blank = No Update
tripNumber2	xsd:string	N	10	Blank=No Update Space=Update to space out
tripNumber3	xsd:string	N	10	Blank=No Update Space=Update to space out
cardHolderAddress1	xsd:string	N	25	Blank=No Update Space=Update to space out
cardHolderAddress2	xsd:string	N	25	Blank=No Update Space=Update to space out
cardHolderCity	xsd:string	N	16	Blank=No Update Space=Update to space out
cardHolderState	xsd:string	N	2	Blank=No Update Space=Update to space out
cardHolderZip	xsd:string	N	9	Blank=No Update
cardHolderType	xsd:string	N		B=Business I=Individual Can not change after CIP check
businessName	xsd:string	N	30	Blank=No Update
cardHolderDOB	xsd:string	N	8	mmdyyyy Blank=No Update
taxIdType	xsd:string	N	1	S=Social Security Number E=Employer Identification Number Cannot change after CIP check
taxId	xsd:string	N	9	Blank=No Update
cardHolderEmail	xsd:string	N	50	Blank=No Update
cardHolderPhone	xsd:string	N	10	Blank=No Update Space=Update to space out
cardHolderWorkLocState	xsd:string	N	2	Blank=No Update
cardHolderUseType	xsd:string	N	1	P = Payroll, S = Settlement
cardHolderEmailAlertSignUp	xsd:string	N	1	Y/N - Y requires email address Blank=No Update
cardHolderTextAlertSignUp	xsd:string	N	1	Y/N - Y requires phone number Blank=No Update
driverNumberFlag	xsd:string	N	1	Y/N Blank=No Update
verifyUnitFlag	xsd:string	N	1	Y/N Blank=No Update
tripNumberFlag	xsd:string	N	1	Y/N Blank=No Update
tripNumberLength	xsd:string	N	2	Blank =No Update
tripNumberEdit	xsd:string	N	10	Blank =No Update
hubCaptureFlag	xsd:string	N	1	Y/N Blank=No Update
hubMinimum	xsd:string	N	6	Blank =No Update
hubMaximum	xsd:string	N	6	Blank =No Update
hubOverrideFlag	xsd:string	N	1	Y/N Blank=No Update
<b>&lt;products&gt;</b>				
<b>&lt;product&gt;</b>				<b>1 to 36 repetitions. This group of fields can be repeated up to 36 times. At least 1 element should be present if "products" tag is present.</b>
productCode	xsd:string	N	2	Product code. Eg: 00, 01 to 09 and A to Z.
productDescription	xsd:string	N	15	Name of the product. Eg: ADDITIVES.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
				<b>NOT UPDATABLE. Only for READ/VIEW purpose.</b>
productAvailable	xsd:string	N	1	flag should be either 'Y' or 'N'
dailyMaxDollarAmount	xsd:string	N	5	5-digit full number. <b>Eg:</b> 99999
allowanceDollarAmount	xsd:string	N	5	5-digit full number. <b>Eg:</b> 99999
overrideDollarAmount	xsd:string	N	5	5-digit full number. <b>Eg:</b> 99999
<b>&lt;product&gt;</b>				
<b>&lt;products&gt;</b>				
</updateRequestV04>				
</cardUpdateV04>				

## Response Record – Proprietary Card Update V04 1.0

<cardUpdateResponseV04>		
<cardUpdateReturnV04>		
<i>Element Name</i>	<i>Data Type</i>	<i>Comment / Example Value</i>
accountCode	xsd:string	Value assigned by Comdata.
customerId	xsd:string	Value assigned by Comdata.
discretionaryData	xsd:string	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	0=Update Complete    Anything Else=Error
responseMessage	xsd:string	Response Description
trackingNumber	xsd:long	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</cardUpdateReturnV04>		
</cardUpdateResponseV04>		



## Express Cash Load Money 1.0

The Express Cash Load Money 1.0 function is used for adding or subtracting money to/from a card's Express Cash Balance.

Function:	Express Cash Load Money 1.0
Web Service Method:	loadMoney
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00001
Other Notes:	

### Request Record – Express Cash Load Money 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<loadMoney>				
<loadRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
addSubtractFlag	tns2:char	Y	1	A=Add S=Subtract REMINDER: CASE SENSITIVE! DO NOT USE "1", "2", blank, or any other value
availableDateTime	xsd:dateTime	N	19	Format: YYYY-MM-DD + "T" + HH:MM:SS Example: 2011-02-25T15:00:00 Today's date required for today.
cardNumber	xsd:string	Y	16	Either the Card Number OR the Employee Number of the Card Number to be loaded. Card Number must be 10 digits. The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
directDeposit	xsd:boolean	Y	N/A	FALSE and 0 = No (Direct Deposit) TRUE and 1 = Yes (Direct Deposit)
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
loadAmount	xsd:double	Y	8	Minimum .01 Maximum 99999.99
miscellaneousData	xsd:string	N	15	Any discretionary data that the requestor would like attached to this load. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
plusLessFlag	tns2:char	N	1	1=Plus Fees (Full Load Amt applied to Card Balance) 2=Less Fees (Load Amt less Fees applied to Card Balance) DO NOT USE "P", "L", blank, or any other value If not specified, defaults to Customer Id setup value.
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>



<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
tripNumber	xsd:string	N	10	Trip Number related to this Load Request
</loadRequest>				
</loadMoney>				

## Response Record – Express Cash Load Money 1.0

<loadMoneyResponse>				
<loadMoneyReturn>				
<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>	
accountCode	xsd:string	5	Value assigned by Comdata.	
addSubtractFlag	tns2:char	1	A=Add S=Subtract No value returned if load unsuccessful.	
cardBalance	xsd:double	10	999999.99 to -999999.99 0.0 returned if load unsuccessful.	
cardBalanceAfterDepositPosted	xsd:double	10	999999.99 to -999999.99 0.0 returned if load unsuccessful or Direct Deposit=False	
charges	xsd:double	8	99999.99 0.0 returned if load unsuccessful.	
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)	
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.	
loadAmount	xsd:double	8	99999.99 0.0 returned if load unsuccessful.	
plusLessFlag	tns2:char	1	1=Plus Fees (Full Load Amt applied to Card Balance) 2=Less Fees (Load Amt less Fees applied to Card Balance) No value returned if load unsuccessful.	
referenceNumber	xsd:long	9	Reference Number issued by Comdata if load successful. 0=Load was not completed as requested. Refer to responseCode and responseMessage for explanation.	
responseCode	xsd:int	5	0=Load Successful Anything Else=Error	
responseMessage	xsd:string	36	Response Description. No value returned if load successful. Note: Erroneous 'UNABLE TO PARSE HOST RESPONSE' message returned when availableDateTime functionality used. Refer to responseCode for true response.	
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)	
</loadMoneyReturn>				
</loadMoneyResponse>				

## Express Cash Load Money Cancel 1.0

The Express Cash Load Money Cancel 1.0 function is used for cancelling Express Cash Loads.

Function:	Express Cash Load Money Cancel 1.0
Web Service Method:	loadMoneyCancel
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00010
Other Notes:	

### Request Record – Express Cash Load Money Cancel 1.0

<loadMoneyCancel>				
<cancelRequest>				
Element Name	Data Type	Req	Max Len	Comment / Example Value
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Either the Card Number OR the Employee Number of the Card Number to be loaded. Card Number must be 10 digits. The 6 digit BIN '560017' is not required on proprietary cards.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
referenceNumber	xsd:long	Y	9	Reference Number issued by Comdata for this load.
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</cancelRequest>				
</loadMoneyCancel>				

## Response Record – Express Cash Load Money Cancel 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<loadMoneyCancelResponse>				
<loadMoneyCancelReturn>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	Y	5	0=Load Successfully Cancelled Anything Else=Error
responseMessage	xsd:string	Y	80	Response Description. 'ORDER CANCELED" returned if cancel successful.
trackingNumber	xsd:long	Y	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</loadMoneyCancelReturn>				
</loadMoneyCancelResponse>				

## Load Money Comchek 1.0

The Load Money Comchek 1.0 function is used for sending money to registered Comchek Mobile users.

Function:	Load Money Comchek 1.0
Web Service Method:	loadMoneyComchek
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS0053
Other Notes:	

### Request Record – Load Money Comchek 1.0

Element Name	Data Type	Req	Max Len	Comment / Example Value
<loadMoneyComchek>				
<loadMoneyComchekRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer IDs is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record.
loadAmount	xsd:double	Y	8	Minimum: .01 Maximum: 99999.99
miscellaneousData	xsd:string	N	15	Future - Any miscellaneous data that the requester would like attached to this load.
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
securityInfo	xsd:string	Y	16	Full 16-digit security card number; value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing; value assigned by Comdata. <i>[source: SEC1 01]</i>
senderId	xsd:string	Y	16	Unique ID assigned to the sender; value assigned by Comdata.
receiverId	xsd:string	Y	16	Unique ID assigned to the receiver of the funds; it is the Username of Comchek Mobile user
udfField1Label	xsd:string	N	50	User Defined Field Label. Used for display in Comchek Mobile app. Example: "Invoice number"
udfField1Value	xsd:string	N	50	User Defined Field Value. Used for display in Comchek Mobile app. Example: "Inv123456"
udfField1Display	xsd:string	N	50	User Defined Field Display. Used for display in Comchek Mobile app. "IR" = Display in sender's and receiver's app, "IO" = Display in sender's app only
udfField2Label	xsd:string	N	50	See udfField1Label
udfField2Value	xsd:string	N	50	See udfField1Value
udfField2Display	xsd:string	N	50	See udfField1Display
udfField3Label	xsd:string	N	50	See udfField1Label

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
udfField3Value	xsd:string	N	50	See udfField1Value
udfField3Display	xsd:string	N	50	See udfField1Display
				<b>Note:</b> If either Label, Value, or Display are populated for one of the User Defined Field (UDF) sections (1, 2 or 3), then all of the fields for that UDF set are required.
</loadComchekRequest>				
</loadMoneyComchek>				

## Response Record – Load Money Comchek 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<loadMoneyComchekResponse>			
<loadMoneyComchekReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
charges	xsd:double	8	99999.99, 0.0 returned if load unsuccessful.
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that you included in the corresponding request record.
loadAmount	xsd:double	8	99999.99, 0.0 returned if load unsuccessful.
referenceNumber	xsd:long	9	Reference Number issued by Comdata if load successful. 0=Load was not completed as requested.
responseCode	xsd:int	5	0=Load Successful Anything Else=Error
responseMessage	xsd:string	36	Response Message Description. No value returned if load successful.  Common errors: <ul style="list-style-type: none"> <li>Response Code: 01391 Response Message: Load Amt Exceeded on Carrier</li> <li>Response Code: 01440 Response Message: Comchek Card Balance Max Exceeded</li> <li>Response Code: 32639 Response Message: If you populate the Label, Value, or Display fields for one of the User Defined Field (UDF) sections (1, 2 or 3), then all of the fields for that UDF section are required.</li> </ul> In the event of other errors, please contact your Comdata account representative.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</loadMoneyComchekReturn>			
</loadMoneyComchekResponse>			

## Pin Reset 1.0

The Pin Reset 1.0 function is used to reset a card's Pin (Personal Identification Number). Once complete, a new pin is then able to be assigned to a card.

Function:	Pin Reset 1.0
Web Service Method:	pinReset
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00031
Other Notes:	

### Request Record – Pin Reset 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<pinReset>				
<resetRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	10	10-digit card number. (WITHOUT BIN NUMBER)
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 01]
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. [source: PASS]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 01]
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</resetRequest>				
</pinReset>				

### Response Record – Pin Reset 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<pinResetResponse>			
<pinResetReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
customerId	xsd:string	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	5	0=Pin Reset Successful Anything Else=Error

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
responseMessage	xsd:string	80	Response Description. "PIN HAS BEEN DELETED" returned if Pin Reset successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</pinResetReturn>			
</pinResetResponse>			

## Pin Set 1.0

The Pin Set 1.0 function is used to establish a card's Pin (Personal Identification Number).

Encryption algorithm instructions are detailed in a separate document. Please consult your Comdata Technical Representative.

Function:	Pin Set 1.0
Web Service Method:	pinSet
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00032
Other Notes:	

### Request Record – Pin Set 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<pinSet>				
<setRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Full 16-digit card number. (BIN required).
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer IDs is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
pin	xsd:string	Y		Encryption algorithm instructions provided in separate document.
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</setRequest>				
</pinSet>				



## Response Record – Pin Set 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<pinSetResponse>				
<pinSetReturn>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	Y	5	0=Pin Set Successful Anything Else=Error
responseMessage	xsd:string	Y	80	Response Description. 'PIN HAS BEEN SET" returned if pin set successful.
trackingNumber	xsd:long	Y	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</pinSetReturn>				
</pinSetResponse>				

## Limited Network by Card Update 1.0

The Limited Network Update by Card Update function is used to add, update (replace), or delete records tied to a card number for customers using the limited network feature. You can enable a one-time purchase at any location code by not specifying a location code.

Function:	Limited Network by Card Update
Web Service Method:	limitedNetworkByCardUpdate
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	FMRM 10 Limited Network by Card via RTIF TS00009
Other Notes:	

### Request Record – Limited Network by Card Update

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
< cows: LimitedNetworkbyCardUpdate >				
< limitedRequest >				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Use the 10-digit truncated card number. (BIN omitted).
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer IDs is optional.
discretionaryData	xsd:string	N	10	Any discretionary data (optional). Will be truncated to 10 characters.
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
securityInfo	xsd:string	Y	16	Full 16-digit security card number (BIN included).
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	long	Y	9	Any number (data type: long)
locationCode	xsd:string	N	5	Merchant code for the station.
maxNum1Num2Quantity	xsd:double	N	8	Valid values between 0 and 99999.99. A value exceeding this amount will be converted to 99999.99. Negative values are treated as the equivalent positive value. A zero is treated as no limit (converted to 99999.99).
maxReeferQuantity	xsd:double	N	6	Maximum reefer gallons. Valid values between 0 and 999.99. Negative values are treated as the equivalent positive value. A zero is treated as no limit (converted to 999.99).
maxOtherQuantity	xsd:double	N	6	Maximum other fuel type gallons. Valid values between 0 and 999.99. Negative values are treated as the equivalent positive value. A zero is treated as no limit (converted to 999.99).

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
maxProdPurchases	xsd:double	N	8	Valid values between 0 and 99999.99. A value exceeding this amount will be converted to 99999.99. Negative values are treated as the equivalent positive value. A zero is treated as no limit (converted to 99999.99).
maxCashAdvance	xsd:double	N	8	Valid values between 0 and 99999.99. The maximum value permitted by Comdata is 9999.99; a higher value will be converted to 9999.99 on the mainframe. A negative value is converted to a positive value. A zero is treated as no limit and is converted to 9999.99 on the mainframe.
expirationDateMMDDYY	xsd:string	N	6	An invalid date returns an error. An expired date returns an error.
expirationDateHHMM	xsd:string	N	4	Must be a valid hour (24 or less) and minute.
deleteReplaceFlag	xsd:string	N	1	D = Delete, R = Replace. No value or any value other than D or R is treated as an add request.
</limitedRequest>				
</cows:limitedNetworkUpdate>				

## Response Record – Limited Network by Card Update

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p2:LimitedNetworkByCardUpdateResponse>			
<limitedNetworkByCardUpdateReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
customerId	xsd:string	10	Value assigned by Comdata. Leading zero on 4-digit Customer IDs is optional.
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
responseMessage	xsd:string	80	Response message (e.g., NETWORK BY CARD RECORD ADDED, INVALID SECURITY)
trackingNumber	long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
responseCode	xsd:string	5	0 = request succeeded, or an error code
</limitedNetworkUpdateReturn>			
</p2:limitedNetworkUpdateResponse>			

## Card Transfer Maintenance 1.0

The Card Transfer Maintenance request is used to transfer card values from one card to an unassigned card under the same account code and customer ID.

Function:	Card Transfer Maintenance
Web Service Method:	transferMaintenanceRequest
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00049
Other Notes:	

### Request Record – Card Transfer Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cow: transferMaintenance>				
<transferMaintenanceRequest>				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	N	10	Any discretionary data (optional). Will be truncated to 10 characters.
trackingNumber	xsd:long	Y	9	Any number (data type: long)
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 01]
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 01]
securityCode	xsd:string	Y	25	560017 + Card Number
cardAccountCode	xsd:string	Y	10	The account code under which the cards are assigned
cardCustomerId	xsd:string	Y	10	The customer ID under which the cards are assigned For a 4-digit customer ID, include a leading zero A 5-digit customer ID must be left justified
transferFromCardNumber	xsd:string	Y	16	The number of the card being transferred
transferToCardNumber	xsd:string	Y	16	The number of the card receiving the data transferred
</transferMaintenanceRequest>				
</cow:transferMaintenance>				

## Response Record – Card Transfer Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p910:transferMaintenanceResponse xmlns:p910="http://cows0103.comdata.com">			
<transferMaintenanceResponse>			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: CARD TRANSFERRED
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</transferMaintenanceResponse>			
</p910:transferMaintenanceResponse>			

## Card Transfer Maintenance By Card Token

The Card Transfer Maintenance by Card Token request is used to transfer card values from one card to an unassigned card under the same account code and customer ID by using Card Token.

Function:	Card Transfer Maintenance by CardToken
Web Service Method:	transferMaintenanceByCardtoken
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00049
Other Notes:	

### Request Record – Card Transfer Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cow:transferMaintenanceByCardtoken>				
<transferMaintenanceByCardtokenRequest>				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	N	10	Any discretionary data (optional). Will be truncated to 10 characters.
trackingNumber	xsd:long	Y	9	Any number (data type: long)
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
securityCode	xsd:string	Y	25	560017 + Card Number
cardAccountCode	xsd:string	Y	10	The account code under which the cards are assigned
cardCustomerId	xsd:string	Y	10	The customer ID under which the cards are assigned For a 4-digit customer ID, include a leading zero A 5-digit customer ID must be left justified
transferFromCarToken	xsd:string	Y	10	The cardtoken of the card being transferred
transferToCardToken	xsd:string	Y	10	The cardtoken of the card receiving the data transferred
</transferMaintenanceByCardtokenRequest>				
</cow:transferMaintenanceByCardtoken>				

## Response Record – Card Transfer Maintenance By CardToken

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p910:transferMaintenanceByCardtokenResponse xmlns:p910="http://cows0103.comdata.com">			
<transferMaintenanceByCardtokenResponse>			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: CARD TRANSFERRED
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</transferMaintenanceByCardtokenResponse >			
</p910:transferMaintenanceByCardtokenResponse>			

## Direct Deposit – Transfer to Bank

The Direct Deposit – Transfer to Bank request is used to transfer money from card to Personal bank account.

Function:	Direct Deposit – Transfer to Bank
Web Service Method:	transferToBank
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00049
Other Notes:	

### Request Record – Direct Deposit – Transfer to Bank

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cow:transferToBank>				
<updateRequest>				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
CardNumber	xsd:string	Y	16	16 –digit Card Number
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 01]
securityInfo	xsd:string	Y	25	560017 + Card Number
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 01]
amount	xsd:string	Y	5	Amount to transfer
</updateRequest>				
</cow:transferToBank>				



Response Record – Direct Deposit – Transfer to Bank

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p910:transferToBankResponse xmlns:p910="http://cows0103.comdata.com">			
<transferToBankReturn>			
accountCode	xsd:string	5	5-digit alphanumeric account code
cardNumber	xsd:string	16	16-digit card Number
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: CARD TRANSFERRED
</transferToBankReturn>			
</p910:transferToBankResponse>			

## Track Card Shipment Status

The Track Card Shipment Status request is used to track card shipment status. This api should provide the same behavior/results as the Card Shipment tracking feature used within ICD.

Function:	Track Card Shipment Status
Web Service Method:	trackCardShipmentStatus
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00049
Other Notes:	

### Request Record – Track Card Shipment Status

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cow:trackCardShipmentStatus>				
<trackCardShipmentRequest>				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 01]
securityInfo	xsd:string	Y	25	560017 + Card Number
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 01]
dateType	xsd:string	Y	5	Date typ like Order/Shipped
startDate	xsd:string	Y	10	Start date format yyyy-MM-dd
endDate	xsd:string	Y	10	End date format yyyy-MM-dd
</trackCardShipmentRequest>				
</cow:trackCardShipmentStatus>				

## Response Record – Direct Deposit – Transfer to Bank

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p910:trackCardShipmentResponse xmlns:p910="http://cows0103.comdata.com">			
< trackCardShipmentReturn>			
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: CARD TRANSFERRED
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
dateOrderReceived	xsd:string	10	Order date recived.
cardNumber	xsd:string	16	16-digit Card number
cardHolderName	xsd:string	20	Card Holder Name
orderStatus	xsd:string	10	Order Status (In Progress/shipped/Ordered etc.)
exception	xsd:string	20	Exception message it show
dateOrderShipped	xsd:string	10	Order Shipped date
trackingNumber	xsd:string	20	Any number (data type: long)
trackingURL	xsd:string	50	Tracking url
</trackCardShipmentReturn>			
</p910:trackCardShipmentResponse>			

## Location Maintenance 1.0

The Location Maintenance request is used to make updates to a merchant network location, including updates to fueling and cash back limits and restrictions on product codes.

Function:	Location Maintenance
Web Service Method:	locationMaintenanceRequest
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00014
Other Notes:	<p>This request has a variable number of elements based on the optional &lt;products&gt; tag, which is used to restrict and/or limit spending for up to 36 product codes. The &lt;products&gt; tag must be structured as follows:</p> <pre> &lt;products&gt; &lt;!--0 to 36 repetitions--&gt; &lt;productElement&gt; &lt;productCode&gt;1&lt;/productCode&gt; &lt;productFlag&gt;1&lt;/productFlag&gt; &lt;/productElement&gt; &lt;productElement&gt; &lt;productCode&gt;8&lt;/productCode&gt; &lt;productFlag&gt;0&lt;/productFlag&gt; &lt;/productElement&gt; &lt;/products&gt; </pre>

### Request Record – Location Maintenance

Element Name	Data Type	Req	Max Len	Comment / Example Value
<cow:locationMaintenance>				
<locationMaintenanceRequest>				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	Y	10	Any discretionary data (optional). Will be truncated to 10 characters.
trackingNumber	xsd:long	Y	9	Any number (data type: long)
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
securityInfo	xsd:string	Y	25	560017 + Card Number
locationCode	xsd:string	Y	10	The account code of the cards
locationType	xsd:string	Y	1	0= Service Center 1=Chain 2=Corp

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
networkFlag	xsd:string	N	1	0=One Time O=Open C=Close or blank
fuelAllowedFlag	xsd:string	N	1	0=No 1=Yes or blank
oilAllowedFlag	xsd:string	N	1	0=No 1=Yes or blank
cashAllowedFlag	xsd:string	N	1	0=No 1=Yes or blank
maxOneTwoQuantity	xsd:int	N	3	Setting the quantity value
products	xsd:productElement	Y	-	The <products> tag can contain up to 36 product elements, each of which is comprised of a product code and product flag (not available or available)
productElement	xsd:ProductCode xsd:ProductFlag	-	-	See productCode and productFlag below
productCode	xsd:int	Y	2	Value between 0 and 99
productFlag	xsd:string	Y	1	0=Not available 1=available
maxReeferQuantity	xsd:int	N	3	999
maxOtherQuantity	xsd:int	N	3	999
</locationMaintenanceRequest>				
</cow:locationMaintenance>				

## Response Record – Location Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<locationMaintenanceResponse>			
<p910:locationMaintenanceResponse>			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
responseCode	xsd:string	5	0=success Anything else =error
responseMessage	xsd:string	80	If the request succeeded, the message should be: UPDATE COMPLETE
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
</locationMaintenanceResponse>			
</p910:locationMaintenanceResponse>			

## Direct Deposit Add/Update 1.0

The Direct Deposit Add/Update request is used to add or update an employee's direct deposit record.

Function:	Direct Deposit Add/Update
Web Service Method:	
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00021
Other Notes:	

### Request Record – Direct Deposit Add/Update

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
NEEDS TO BE COMPLETED				
NEEDS TO BE COMPLETED				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
discretionaryData	xsd:string	Y	10	Any discretionary data (optional). Will be truncated to 10 characters.
trackingNumber	xsd:long	Y	9	Any number (data type: long)
employeeCustomerId	xsd:string	Y	10	Employee's customer ID
securityInfo	xsd:string	Y	25	560017 + Card Number
employeeNumber	xsd:string	Y	16	Employee number assigned to the card
functionCode	xsd:string	Y	1	A=Add C=Change D=Delete E=Employee Number Change Note: If you delete an ACH entry, it will have to be added and Pre-Noted
newEmployeeNumber	xsd:string	N	16	New employee number Note: If the New Employee Number field is already populated, only the Employee Number will be updated.
bankAccountSequence	xsd:string	Y	1	Numeric value of 1 through 5 The default value is 1 for an employee number change
routingNumber	xsd:string	N	9	Bank routing and transit number
bankAccountNumber	xsd:string	N	17	Bank account number
accountName	xsd:string	N	20	Name on the bank account
checkingAccountFlag	xsd:string	N	1	Y=Checking account N=Other/Not a checking account

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
depositType	xsd:string	N	1	P=Percent of load amount is sent to ACH A=Amount is sent to ACH C=Amount of load kept in Express Cash; the remainder is sent to ACH
amountOrPercent	xsd:double	N	8	99999.99
status	xsd:string	N	1	Updates the status of the direct deposit account A=Activate; B=Block
NEEDS TO BE COMPLETED				
NEEDS TO BE COMPLETED				

## Response Record – Direct Deposit Add/Update

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
NEEDS TO BE COMPLETED			
NEEDS TO BE COMPLETED			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: OK
employeeNumber	xsd:string	16	Employee number assigned to this card
functionCode	xsd:string	1	A=Add C=Change D=Delete E=Employee Number Change
bankAccountSequence	xsd:string	1	Numeric value of 1 through 5 The default value is 1 for an employee number change
routingNumber	xsd:string	9	Bank routing and transit number
bankAccountNumber	xsd:string	17	Bank account number
accountName	xsd:string	22	Name on the bank account
checkingAccountFlag	xsd:string	1	Y=Checking account N=Other/Not a checking account
depositType	xsd:string	1	P=Percent of load amount is sent to ACH A=Amount is sent to ACH C=Amount of load kept in Express Cash; the remainder is sent to ACH
amountOrPercent	xsd:double	8	99999.99
status	xsd:string	1	Updates the status of the direct deposit account A=Activate; B=Block; P=Pending Pre-Note
cardNumber	xsd:string	10	Card Number assigned to employee
firstName	xsd:string	15	First name of cardholder
lastName	xsd:string	20	Last name of cardholder

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
lastPreNoteDate	xsd:string	8	Date the last pre-note was done, MM/DD/YY
lastPreNoteTime	xsd:string	8	Time the last pre-note was done, HH:MM:SS
NEEDS TO BE COMPLETED			
NEEDS TO BE COMPLETED			



## Direct Deposit Inquiry 1.0

The Direct Deposit Inquiry request is used to inquire into the direct deposit information set up for an employee.

Function:	Direct Deposit Inquiry
Web Service Method:	
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00050
Other Notes:	

### Request Record – Direct Deposit Inquiry

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
NEEDS TO BE COMPLETED				
NEEDS TO BE COMPLETED				
accountCode	xsd:string	Y	5	5-digit alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID under which the card was assigned
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
discretionaryData	xsd:string	Y	10	Any discretionary data (optional). Will be truncated to 10 characters.
trackingNumber	xsd:long	Y	9	Any number (data type: long)
employeeCustomerID	xsd:string	Y	10	Customer ID of the employee with the direct deposit account
securityInfo	xsd:string	Y	25	560017 + Card Number
employeeNumber	xsd:string	Y	16	Employee number assigned to this card
NEEDS TO BE COMPLETED				
NEEDS TO BE COMPLETED				

## Response Record – Direct Deposit Inquiry

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
NEEDS TO BE COMPLETED			
NEEDS TO BE COMPLETED			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:string	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record. (Overrides the tracking number submitted.)
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: OK
employeeNumber	xsd:string	16	Employee number assigned to this card
cardNumber	xsd:string	10	Card number assigned to employee
firstName	xsd:string	15	First name of cardholder
lastName	xsd:string	20	Last name of cardholder
bankAccountSequence1	xsd:string	1	Numeric value between 1 and 5 ***The response record can include up to 5 direct deposit bank accounts (sequences 1 through 5 below), depending on the number of accounts set up for the employee.
routingNumber1	xsd:string	9	Bank routing and transit number
bankAccountNumber1	xsd:string	17	Bank account number
accountName1	xsd:string	22	Name on the bank account
checkingAccountFlag1	xsd:string	1	Y = checking account N = other/not a checking account
depositType1	xsd:string	1	P = percent of load amount is sent to ACH A = amount is sent to ACH C = amount of load kept in Express Cash; remainder is sent to ACH
amountOrPercent1	xsd:double	8	99999.99
status1	xsd:string	1	The status of the direct deposit account A = Activate; B = Block; P = Pending Pre-Note
lastPreNoteDate1	xsd:string	8	Date the last pre-note was done; MM/DD/YY
lastPreNoteTime1	xsd:string	8	Time the last pre-note was done; HH:MM:SS
bankAccountSequence2	xsd:string	1	Numeric value between 1 and 5
routingNumber2	xsd:string	9	Bank routing and transit number
bankAccountNumber2	xsd:string	17	Bank account number

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
accountName2	xsd:string	22	Name on the bank account
checkingAccountFlag2	xsd:string	1	Y = checking account N = other/not a checking account
depositType2	xsd:string	1	P = percent of load amount is sent to ACH A = amount is sent to ACH C = amount of load kept in Express Cash; remainder is sent to ACH
amountOrPercent2	xsd:double	8	99999.99
status2	xsd:string	1	The status of the direct deposit account A = Activate; B = Block; P = Pending Pre-Note
lastPreNoteDate2	xsd:string	8	Date the last pre-note was done; MM/DD/YY
lastPreNoteTime2	xsd:string	8	Time the last pre-note was done; HH:MM:SS
bankAccountSequence3	xsd:string	1	Numeric value between 1 and 5
routingNumber3	xsd:string	9	Bank routing and transit number
bankAccountNumber3	xsd:string	17	Bank account number
accountName3	xsd:string	22	Name on the bank account
checkingAccountFlag3	xsd:string	1	Y = checking account N = other/not a checking account
depositType3	xsd:string	1	P = percent of load amount is sent to ACH A = amount is sent to ACH C = amount of load kept in Express Cash; remainder is sent to ACH
amountOrPercent3	xsd:double	8	99999.99
status3	xsd:string	1	The status of the direct deposit account A = Activate; B = Block; P = Pending Pre-Note
lastPreNoteDate3	xsd:string	8	Date the last pre-note was done; MM/DD/YY
lastPreNoteTime3	xsd:string	8	Time the last pre-note was done; HH:MM:SS
bankAccountSequence4	xsd:string	1	Numeric value between 1 and 5
routingNumber4	xsd:string	9	Bank routing and transit number
bankAccountNumber4	xsd:string	17	Bank account number
accountName4	xsd:string	22	Name on the bank account
checkingAccountFlag4	xsd:string	1	Y = checking account N = other/not a checking account
depositType4	xsd:string	1	P = percent of load amount is sent to ACH A = amount is sent to ACH C = amount of load kept in Express Cash; remainder is sent to ACH
amountOrPercent4	xsd:double	8	99999.99
status4	xsd:string	1	The status of the direct deposit account A = Activate; B = Block; P = Pending Pre-Note
lastPreNoteDate4	xsd:string	8	Date the last pre-note was done; MM/DD/YY
lastPreNoteTime4	xsd:string	8	Time the last pre-note was done; HH:MM:SS
bankAccountSequence5	xsd:string	1	Numeric value between 1 and 5
routingNumber5	xsd:string	9	Bank routing and transit number
bankAccountNumber5	xsd:string	17	Bank account number
accountName5	xsd:string	22	Name on the bank account
checkingAccountFlag5	xsd:string	1	Y = checking account

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
			N = other/not a checking account
depositType5	xsd:string	1	P = percent of load amount is sent to ACH A = amount is sent to ACH C = amount of load kept in Express Cash; remainder is sent to ACH
amountOrPercent5	xsd:double	8	99999.99
status5	xsd:string	1	The status of the direct deposit account A = Activate; B = Block; P = Pending Pre-Note
lastPreNoteDate5	xsd:string	8	Date the last pre-note was done; MM/DD/YY
lastPreNoteTime5	xsd:string	8	Time the last pre-note was done; HH:MM:SS
NEEDS TO BE COMPLETED			
NEEDS TO BE COMPLETED			

## Virtual Card Add 1.0

The Virtual Card Add 1.0 function is used to request a Comdata Virtual MasterCard.

Function:	Virtual Card Add 1.0
Web Service Method:	virtualCardAdd
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00033
Other Notes:	

### Request Record – Virtual Card Add 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardAdd>				
<addRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4 digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
dollarAmount	xsd:decimal	Y	10	9999999.99
expirationMMYY	xsd:int	Y	4	If MM < 10 then Expiration Date in MYY or MMY format. If MM >= 10 then Expiration Date in MMY format.
firstName	xsd:string	Y	15	Must be at least one alpha character. No special characters or numbers.
GLCode1	xsd:string	N	60	GL Code value
GLCode1Amount	xsd:decimal	N	10	9999999.99
GLCode2	xsd:string	N	60	GL Code value
GLCode2Amount	xsd:decimal	N	10	9999999.99
GLCode3	xsd:string	N	60	GL Code value
GLCode3Amount	xsd:decimal	N	10	9999999.99
GLCode4	xsd:string	N	60	GL Code value
GLCode4Amount	xsd:decimal	N	10	9999999.99
lastName	xsd:string	Y	20	Must be at least 3 successive alpha characters; no spaces, special characters, or numbers.
MCCCode	xsd:string	N	4	Restrict card to specific MCC (Merchant Category Code)

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
miscCost	xsd:decimal	N	10	9999999.99
numTransactionsAllowedForAuth	xsd:short	Y	3	Valid Values 1 to 999.
openForAirlineMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForBusinessServicesMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForCarRentalsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForFinancialServicesMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForFuelMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForHotelsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForLegalAndInsuranceMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMaintenanceMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMedicalMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMiscMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMiscTransportationMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForRestaurantsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
PONumber	xsd:string	N	15	PO Number for reporting (optional)
promptedIDDriver	xsd:string	N	17	Prompted Driver ID (optional)
repairOrderNumber	xsd:string	N	10	Repair Order Number (optional)
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
totalLaborCost	xsd:decimal	N	10	9999999.99
totalPartsCost	xsd:decimal	N	10	9999999.99
totalTaxCost	xsd:decimal	N	7	9999.99
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
useGLCode1AsDefault	tns2:char	N	1	Y or YES = Yes N or NO = No If no value specified, default is NO.
vehicleNumber	xsd:string	N	17	Vehicle/Unit number (optional)
vendorInvoiceNumber	xsd:string	N	15	Vendor invoice number (optional)
vendorNumber	xsd:string	N	15	Vendor number (optional)
warrantyPeriod	xsd:string	N	8	Warranty period (optional)

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
warrantyReport	tns2:char	N	1	Y or YES = Yes N or NO = No If no value specified, default is NO.
mustBeExactAmountForAuth	xsd:boolean	Y	N/A	0 and FALSE = False 1 and TRUE = True
</addRequest>				
</virtualCardAdd>				

## Response Record – Virtual Card Add 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardAddResponse>			
<virtualCardAddReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
cardNumber	xsd:string	16	Full 16 digit Comdata MasterCard. Null value returned if card was NOT added.
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
CVC2	xsd:short	3	Security code value for card authenticity.
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
expirationMMYY	xsd:int	4	If MM < 10 then Expiration Date in MYY format. If MM >= 10 then Expiration Date in MMY format. "0" returned if card was NOT added.
responseCode	xsd:int	5	0 = OK Anything else = error
responseMessage	xsd:string	80	Response Description. 'CARD ADDED' returned if card add successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</virtualCardAddReturn>			
</virtualCardAddResponse>			

## Virtual Card Inquiry 1.0

The Virtual Card Inquiry 1.0 function is used to inquire the current attributes of an existing Comdata Virtual MasterCard. No card updates are performed. It is an information only request.

Function:	Virtual Card Inquiry 1.0
Web Service Method:	virtualCardInquiry
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00035
Other Notes:	

### Request Record – Virtual Card Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardInquiry>				
<inquiryRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Full 16 digit Comdata MasterCard number.
customerId	xsd:string	Y	5	Value assigned by Comdata. (4 digit Customer Id's MUST include leading zero)
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</inquiryRequest>				
</virtualCardInquiry>				



## Response Record – Virtual Card Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardInquiryResponse>			
<virtualCardInquiryReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
cardNumber	xsd:string	16	Full 16 digit Comdata MasterCard number.
cardStatus	tns2:char	1	A=Active B=Blocked F=Fraud S=Stolen
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
CVC2	xsd:short	3	Security code value for card authenticity. 0 will be returned if card doesn't exist
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
dollarAmount	xsd:decimal	10	9999999.99
expirationMMYY	xsd:int	4	If MM < 10 then Expiration Date in MYY format. If MM >= 10 then Expiration Date in MMY format. "0" returned if invalid card number.
firstName	xsd:string	15	Value assigned to the First Name field
GLCode1	xsd:string	60	GL Code value
GLCode1Amount	xsd:decimal	10	9999999.99
GLCode2	xsd:string	60	GL Code value
GLCode2Amount	xsd:decimal	10	9999999.99
GLCode3	xsd:string	60	GL Code value
GLCode3Amount	xsd:decimal	10	9999999.99
GLCode4	xsd:string	60	GL Code value
GLCode4Amount	xsd:decimal	10	9999999.99
lastName	xsd:string	20	Value assigned to the Last Name field
MCCCode	xsd:string	4	MCC Code assigned to card (if any)
miscCost	xsd:decimal	10	9999999.99
numTransactionsAllowedForAuth	xsd:short	3	Value assigned to card from 1 to 999. 0 will be returned if card doesn't exist
openForAirlineMerchantGroup	tns2:char	1	Y = Yes N = No
openForBusinessServicesMerchantGroup	tns2:char	1	Y = Yes N = No
openForCarRentalsMerchantGroup	tns2:char	1	Y = Yes N = No
openForFinancialServicesMerchantGroup	tns2:char	1	Y = Yes N = No
openForFuelMerchantGroup	tns2:char	1	Y = Yes N = No
openForHotelsMerchantGroup	tns2:char	1	Y = Yes N = No
openForLegalAndInsuranceMerchantGroup	tns2:char	1	Y = Yes N = No
openForMaintenanceMerchantGroup	tns2:char	1	Y = Yes N = No

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
openForMedicalMerchantGroup	tns2:char	1	Y = Yes N = No
openForMiscMerchantGroup	tns2:char	1	Y = Yes N = No
openForMiscTransportationMerchantGroup	tns2:char	1	Y = Yes N = No
openForRestaurantsMerchantGroup	tns2:char	1	Y = Yes N = No
PONumber	xsd:string	15	PO Number for reporting
promptedIDDriver	xsd:string	17	Prompted Driver ID
repairOrderNumber	xsd:string	10	Repair Order Number
responseCode	xsd:int	5	0 = OK Anything else = Error "0" returned if Inquiry Successful
responseMessage	xsd:string	80	Response Description. 'INQUIRY SUCCESSFUL' returned if card inquiry successful.
totalLaborCost	xsd:decimal	10	9999999.99
totalPartsCost	xsd:decimal	10	9999999.99
totalTaxCost	xsd:decimal	7	9999.99
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
useGLCode1AsDefault	tns2:char	1	Y = Yes N = No
vehicleNumber	xsd:string	17	Vehicle/Unit number
vendorInvoiceNumber	xsd:string	15	Vendor invoice number
vendorNumber	xsd:string	15	Vendor number
warrantyPeriod	xsd:string	8	Warranty period
warrantyReport	tns2:char	1	Y = Yes N = No
mustBeExactAmountForAuth	xsd:boolean	N/A	0 = No 1 = True 0 will be returned if card doesn't exist
</virtualCardInquiryReturn>			
</virtualCardInquiryResponse>			

## Virtual Card Update 1.0

The Virtual Card Update 1.0 function is used to make updates to an existing Comdata Virtual MasterCard.

Function:	Virtual Card Update 1.0
Web Service Method:	virtualCardUpdate
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00034
Other Notes:	

### Request Record – Virtual Card Update 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardUpdate>				
<updateRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Full 16 digit card number.
cardStatus	tns2:char	Y	1	A=Active B=Blocked F=Fraud S=Stolen REMINDER: CASE SENSITIVE!
customerId	xsd:string	Y	5	Value assigned by Comdata. (4 digit Customer Id's MUST include leading zero)
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
dollarAmount	xsd:decimal	Y	10	Value must be greater than 0.00
GLCode1	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode1Amount	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
GLCode2	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode2Amount	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
GLCode3	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode3Amount	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
GLCode4	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode4Amount	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
MCCCode	xsd:string	N	4	MCC Code assignment (optional) No value REMOVES existing value.
miscCost	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
numTransactionsAllowedForAuth	xsd:short	Y	3	Valid Values 1 to 999
openForAirlineMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForBusinessServicesMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForCarRentalsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForFinancialServicesMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForFuelMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForHotelsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForLegalAndInsuranceMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMaintenanceMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMedicalMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMiscMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMiscTransportationMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForRestaurantsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
PONumber	xsd:string	N	15	PO Number for reporting
promptedIDDriver	xsd:string	N	17	Prompted Driver ID
repairOrderNumber	xsd:string	N	10	Repair Order Number
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 O1]</i>
totalLaborCost	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
totalPartsCost	xsd:decimal	N	10	9999999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
totalTaxCost	xsd:decimal	N	7	9999.99 A "0" value WILL clear existing value. No value leaves existing value unchanged.
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
useGLCode1AsDefault	tns2:char	Y	1	Y or YES = Yes N or NO = No
vehicleNumber	xsd:string	N	17	Vehicle/Unit number
vendorInvoiceNumber	xsd:string	N	15	Vendor invoice number
vendorNumber	xsd:string	N	15	Vendor number
warrantyPeriod	xsd:string	N	8	Warranty period
warrantyReport	tns2:char	N	1	Y or YES = Yes N or NO = No No value will clear existing value.
mustBeExactAmountForAuth	xsd:boolean	Y	N/A	0 and FALSE = False 1 and TRUE = True
</updateRequest>				
</virtualCardUpdate>				

## Response Record – Virtual Card Update 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualCardUpdateResponse>			
<virtualCardUpdateReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
responseCode	xsd:int	5	0 = OK Anything else = Error "0" returned if update completed successfully
responseMessage	xsd:string	80	Response Description. 'UPDATE COMPLETED" returned if card update successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</virtualCardUpdateReturn>			
</virtualCardUpdateResponse>			

## Virtual Comchek Add 1.0

The Virtual Comchek Add 1.0 function is used to request a Comdata Virtual Comchek Card.

Function:	Virtual Comchek Add 1.0
Web Service Method:	virtualComchekAdd
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards <input checked="" type="checkbox"/> Comdata Virtual Comchek
Comdata Real-Time Request Equivalency:	Only Real-Time Login Authentication. No Real-Time used for Card Add. But functionality similar to TS00033 with additional support to Email/SMS delivery.
Other Notes:	Specific for Virtual Comchek with delivery feature

### Request Record – Virtual ComchekAdd 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekAdd>				
<addRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4 digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
dollarAmount	xsd:decimal	Y	10	9999999.99
expirationMMYY	xsd:int	Y	4	If MM < 10 then Expiration Date in MYY or MMY format. If MM >= 10 then Expiration Date in MMY format.
firstName	xsd:string	Y	15	Must be at least one alpha character. No special characters or numbers.
GLCode1	xsd:string	N	60	GL Code value
GLCode1Amount	xsd:decimal	N	10	9999999.99
GLCode2	xsd:string	N	60	GL Code value
GLCode2Amount	xsd:decimal	N	10	9999999.99
GLCode3	xsd:string	N	60	GL Code value
GLCode3Amount	xsd:decimal	N	10	9999999.99
GLCode4	xsd:string	N	60	GL Code value
GLCode4Amount	xsd:decimal	N	10	9999999.99
lastName	xsd:string	Y	20	Must be at least 3 successive alpha characters; no spaces, special characters, or numbers.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
MCCCode	xsd:string	N	4	Restrict card to specific MCC (Merchant Category Code)
miscCost	xsd:decimal	N	10	9999999.99
numTransactionsAllowedForAuth	xsd:short	Y	3	Valid Values 1 to 999. If the value is greater than one, 'remitType' should not be 'E' (EMAIL). This is to restrict sending multi-use virtual Comchek by Email.
openForAirlineMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForBusinessServicesMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForCarRentalsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForFinancialServicesMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForFuelMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForHotelsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForLegalAndInsuranceMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMaintenanceMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMedicalMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMiscMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForMiscTransportationMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
openForRestaurantsMerchantGroup	tns2:char	Y	1	Y = Open N = Closed
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
PONumber	xsd:string	N	15	PO Number for reporting (optional)
promptedIDDriver	xsd:string	N	17	Prompted Driver ID (optional)
repairOrderNumber	xsd:string	N	10	Repair Order Number (optional)
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
totalLaborCost	xsd:decimal	N	10	9999999.99
totalPartsCost	xsd:decimal	N	10	9999999.99
totalTaxCost	xsd:decimal	N	7	9999.99
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
useGLCode1AsDefault	tns2:char	N	1	Y or YES = Yes N or NO = No If no value specified, default is NO.
vehicleNumber	xsd:string	N	17	Vehicle/Unit number (optional)

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
vendorInvoiceNumber	xsd:string	N	15	Vendor invoice number (optional)
vendorNumber	xsd:string	N	15	Vendor number (optional)
warrantyPeriod	xsd:string	N	8	Warranty period (optional)
warrantyReport	tns2:char	N	1	Y or YES = Yes N or NO = No If no value specified, default is NO.
mustBeExactAmountForAuth	xsd:boolean	Y	N/A	0 and FALSE = False 1 and TRUE = True
remitType	tns2:char	Y	1	E = Email (or) M = SMS (Mobile)
remitValue	xsd:string	Y	50	50 character value for Email (eg. XXX@YY.COM) OR 10 Digit Mobile Number (999999999)
remitNotes	xsd:string	N	60	Notes
</addRequest>				
</virtualComchekAdd>				

## Response Record – Virtual Comchek Add 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekAddResponse>			
<virtualComchekAddReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
cardNumber	xsd:string	16	Full 16 digit Comdata MasterCard. Null value returned if card was NOT added.
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
CVC2	xsd:short	3	Security code value for card authenticity.
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
expirationMMYY	xsd:int	4	If MM < 10 then Expiration Date in MYY format. If MM >= 10 then Expiration Date in MMY format. "0" returned if card was NOT added.
responseCode	xsd:int	5	0 = OK Anything else = error
responseMessage	xsd:string	80	Response Description. 'CARD ADDED' returned if card add successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</virtualComchekAddReturn>			
</virtualComchekAddResponse>			



## Error Codes

Please Note: The below error codes are added newly for 'Virtual Comchek Add 1.0' webservice. The existing error codes related to 'Virtual Card Add 1.0' is also applicable for this new 'webservice' and not listed here.

<b>Error Code</b>	<b>Error Description</b>	<b>Reason</b>
10001	Please enter valid remitType. It must be E or M	When 'remitType' is not supplied in the request
10002	Please enter valid remitValue	When 'remitValue' is not supplied in the request
10003	Please enter valid email address in remitValue field	When 'remitType' passed as 'E' but 'remitValue' field not having valid email address
10004	Please enter valid phone number in remitValue field e.g. +00 0000000000	When 'remitType' passed as 'M' and remitValue field not having valid phone number like +00 0000000000
10005	RemitNotes field should not exceed 60 characters length	When 'remitNotes' field exceed with 60 chars
10006	Please update remitType to M for Multi-Use type cards	'RemitType' should not be EMAIL if "numTransactionsAllowedForAuth" is greater than one. (Restrict sending multi-use virtual Comcheck by Email)
10007	Please enter valid Virtual Comchek AcctCode and CustId	When the supplied acct code/cust Id doesn't support flagged for virtual comchek card creation
10008	Please enter valid Account Code	When the account code is not supplied in the request
10009	Please enter valid Cust Id	When the cust id is not supplied in the request
99999	Error occurred while creating Virtual Comchek card	Exception occurred during the card creation process

## Virtual Comchek Inquiry 1.0

The Virtual Comchek Inquiry 1.0 function is used to inquire the current attributes of an existing Comdata Virtual Comchek. No card updates are performed. It is an information only request.

Function:	Virtual Comchek Inquiry 1.0
Web Service Method:	virtualComchekInquiry
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards <input checked="" type="checkbox"/> Comdata Virtual Comchek
Comdata Real-Time Request Equivalency:	TS00035
Other Notes:	Copy of existing 'Virtual Card Inquiry'. But response contains additional information of delivery.

### Request Record – Virtual ComchekInquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekInquiry>				
<inquiryRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Full 16 digit Comdata MasterCard number.
customerId	xsd:string	Y	5	Value assigned by Comdata. (Four-digit Customer IDs MUST include leading zero.)
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. (source: SEC1 01)
securityInfo	xsd:string	Y	16	Full 16 digit security card number. Value assigned by Comdata. (source: PASS)
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. (source: SEC1 01)
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</inquiryRequest>				
</virtualComchekInquiry>				

## Response Record – Virtual Comchek Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekInquiryResponse>			
<virtualComchekInquiryReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
cardNumber	xsd:string	16	Full 16 digit Comdata MasterCard number.
cardStatus	tns2:char	1	A = Active B = Blocked F = Fraud S = Stolen
customerId	xsd:string	5	Value assigned by Comdata. (Four-digit Customer IDs will include leading zero.)
CVC2	xsd:short	3	Security code value for card authenticity. Zero will be returned if card does not exist.
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
dollarAmount	xsd:decimal	10	9999999.99
expirationMMYY	xsd:int	4	If MM < 10 then Expiration Date in MYY format. If MM >= 10 then Expiration Date in MMY format. "0" returned if invalid card number.
firstName	xsd:string	15	Value assigned to the First Name field
GLCode1	xsd:string	60	GL Code value
GLCode1Amount	xsd:decimal	10	9999999.99
GLCode2	xsd:string	60	GL Code value
GLCode2Amount	xsd:decimal	10	9999999.99
GLCode3	xsd:string	60	GL Code value
GLCode3Amount	xsd:decimal	10	9999999.99
GLCode4	xsd:string	60	GL Code value
GLCode4Amount	xsd:decimal	10	9999999.99
lastName	xsd:string	20	Value assigned to the Last Name field
MCCCode	xsd:string	4	MCC Code assigned to card (if any)
miscCost	xsd:decimal	10	9999999.99
numTransactionsAllowedForAuth	xsd:short	3	Value assigned to card from 1 to 999. 0 will be returned if card does not exist
openForAirlineMerchantGroup	tns2:char	1	Y = Yes N = No
openForBusinessServicesMerchantGroup	tns2:char	1	Y = Yes N = No
openForCarRentalsMerchantGroup	tns2:char	1	Y = Yes N = No
openForFinancialServicesMerchantGroup	tns2:char	1	Y = Yes N = No
openForFuelMerchantGroup	tns2:char	1	Y = Yes N = No
openForHotelsMerchantGroup	tns2:char	1	Y = Yes N = No
openForLegalAndInsuranceMerchantGroup	tns2:char	1	Y = Yes N = No
openForMaintenanceMerchantGroup	tns2:char	1	Y = Yes N = No

openForMedicalMerchantGroup	tns2:char	1	Y = Yes N = No
openForMiscMerchantGroup	tns2:char	1	Y = Yes N = No
openForMiscTransportationMerchantGroup	tns2:char	1	Y = Yes N = No
openForRestaurantsMerchantGroup	tns2:char	1	Y = Yes N = No
PONumber	xsd:string	15	Purchase Order number for reporting
promptedIDDriver	xsd:string	17	Prompted Driver ID
repairOrderNumber	xsd:string	10	Repair Order Number
responseCode	xsd:int	5	0 = OK Anything else = Error
responseMessage	xsd:string	80	Response Description. "INQUIRY SUCCESSFUL" returned if card inquiry successful
totalLaborCost	xsd:decimal	10	9999999.99
totalPartsCost	xsd:decimal	10	9999999.99
totalTaxCost	xsd:decimal	7	9999.99
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
useGLCode1AsDefault	tns2:char	1	Y = Yes N = No
vehicleNumber	xsd:string	17	Vehicle/Unit number
vendorInvoiceNumber	xsd:string	15	Vendor invoice number
vendorNumber	xsd:string	15	Vendor number
warrantyPeriod	xsd:string	8	Warranty period
warrantyReport	tns2:char	1	Y = Yes N = No
mustBeExactAmountForAuth	tns2:boolean	N/A	0 = False 1 = True 0 will be returned if card does not exist.
remitType	tns2:char	1	E = Email (or) M = SMS (Mobile)
remitValue	xsd:string	50	50 character value for Email (eg. XXX@YY.COM) OR 10 Digit Mobile Number (999999999)
remitNotes	xsd:string	60	Notes
</virtualComchekInquiryReturn>			
</virtualComchekInquiryResponse>			

## Error Codes

Please Note: The below error codes are added newly for 'Virtual Comchek Inquiry 1.0' webservice. The existing error codes related to 'Virtual Card Inquiry 1.0' is also applicable for this new 'webservice' and not listed here.

<b>Error Code</b>	<b>Error Description</b>	<b>Reason</b>
10007	Please enter valid Virtual Comchek AcctCode and CustId	When the supplied acct code/cust Id doesn't support flagged for virtual comchek card creation
10008	Please enter valid Account Code	When the account code is not supplied in the request
10009	Please enter valid Cust Id	When the cust id is not supplied in the request
99999	Error occurred while Inquiring Virtual Comchek card	Exception occurred during the card inquiring process

## Virtual Comchek Update 1.0

The Virtual Comchek Add 1.0 function is used to make updates to an existing Comdata Virtual Comchek card.

Function:	Virtual Comchek Update 1.0
Web Service Method:	virtualComchekUpdate
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards <input checked="" type="checkbox"/> Comdata Virtual Comchek
Comdata Real-Time Request Equivalency:	TS00034
Other Notes:	Copy of existing 'Virtual Comchek Update'

### Request Record – Virtual ComchekUpdate 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekUpdate>				
<updateRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
cardNumber	xsd:string	Y	16	Full 16 digit card number.
cardStatus	tns2:char	Y	1	A = Active B = Blocked F = Fraud S = Stolen
customerId	xsd:string	Y	5	Value assigned by Comdata. (Four-digit Customer IDs MUST include leading zero.)
discretionaryData	xsd:string	N	10	Any discretionary data that the requester would like returned in the response record. (optional)
dollarAmount	xsd:decimal	Y	10	Value must be greater than 0.00
GLCode1	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode1Amount	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
GLCode2	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode2Amount	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
GLCode3	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
GLCode3Amount	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
GLCode4	xsd:string	N	60	Establish initial/change current GL value. No value leaves existing value unchanged. Note: Not able to simply clear existing value.
GLCode4Amount	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
MCCCode	xsd:string	N	4	MCC Code assignment (optional). No value REMOVES existing value.
miscCost	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
numTransactionsAllowedForAuth	xsd:short	Y	3	Valid Values 1 to 999.
openForAirlineMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForBusinessServicesMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForCarRentalsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForFinancialServicesMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForFuelMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForHotelsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForLegalAndInsuranceMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMaintenanceMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMedicalMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMiscMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForMiscTransportationMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.
openForRestaurantsMerchantGroup	tns2:char	N	1	YES = Open NO = Closed If no value specified, default is NO.

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
password	xsd:string	Y	10	Password for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
PONumber	xsd:string	N	15	Purchase Order Number for reporting
promptedIDDriver	xsd:string	N	17	Prompted Driver ID
repairOrderNumber	xsd:string	N	10	Repair Order Number
securityInfo	xsd:string	Y	16	Full 16-digit security card number. Value assigned by Comdata. [source: PASS]
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 O1]
totalLaborCost	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
totalPartsCost	xsd:decimal	N	10	9999999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
totalTaxCost	xsd:decimal	N	7	9999.99 -- A "0" value WILL clear existing value. No value leaves existing value unchanged.
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
useGLCode1AsDefault	tns2:char	Y	1	Y or YES = Yes N or NO = No
vehicleNumber	xsd:string	N	17	Vehicle/Unit number
vendorInvoiceNumber	xsd:string	N	15	Vendor invoice number
vendorNumber	xsd:string	N	15	Vendor number
warrantyPeriod	xsd:string	N	8	Warranty period
warrantyReport	tns2:char	N	1	Y or YES = Yes N or NO = No No value will clear existing value.
mustBeExactAmountForAuth	xsd:boolean	Y	N/A	0 and FALSE = False 1 and TRUE = True
</updateRequest>				
</virtualComchekUpdate>				

## Response Record – Virtual Comchek Update 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<virtualComchekUpdateResponse>			
<virtualComchekUpdateReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
customerId	xsd:string	5	Value assigned by Comdata. (Four-digit customer IDs will include leading zero.)

discretionaryData	xsd:string	10	Any discretionary data that the requester included in the corresponding request record.
responseCode	xsd:int	5	0 = OK Anything else = Error "0" returned if update completed successfully
responseMessage	xsd:string	80	Response Description. "UPDATE COMPLETED" returned if card update successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</virtualComchekUpdateReturn>			
</virtualComchekUpdateResponse>			

## Error Codes

Please Note: The below error codes are added newly for 'Virtual Comchek Update 1.0' webservice. The existing error codes related to 'Virtual Card Update 1.0' is also applicable for this new 'webservice' and not listed here.

<b>Error Code</b>	<b>Error Description</b>	<b>Reason</b>
10007	Please enter valid Virtual Comchek AcctCode and CustId	When the supplied acct code/cust Id doesn't support flagged for virtual comchek card creation
10008	Please enter valid Account Code	When the account code is not supplied in the request
10009	Please enter valid Cust Id	When the cust id is not supplied in the request
99999	Error occurred while updating Virtual Comchek card	Exception occurred during the card update process



## Express Check Retrieval 1.0

The Express Check Retrieval 1.0 function allows you to request Express Codes from Comdata. Customer specific setup within the Comdata host determines which fields are required; contact Comdata for details.

Function:	Express Check Retrieval 1.0
Web Service Method:	expressCheckRetrieval
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00006

### Request Record – Express Check Retrieval 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckRetrieval>				
<retrievalRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata
amount	xsd:double	Y	7	Valid Amounts 0.01 to 9999.99
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverNumber	xsd:string	N*	16	Driver Number
firstName	xsd:string	N*	10	Receiver First Name
fleetid	xsd:string	N	5	Fleet ID / Fleet Code
lastName	xsd:string	N*	15	Receiver Last Name
locationCode	xsd:string	N	5	Merchant Code. Express Check Code must be used at point of first encashment.
password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
pin	xsd:string	N	4	PIN Number
plusLessFlag	tns2:char	Y	1	1 = Plus Fees 2 = Less Fees
purposeCode	xsd:string	N	10	Purpose Code
securityInfo	xsd:string	Y	16	Security Code/Codeword value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
tripNumber	xsd:string	N*	10	Trip Number
unitNumber	xsd:string	N*	6	Unit Number
</retrievalRequest>				
</expressCheckRetrieval>				

\*Customer Setup determines whether field is required.

## Response Record – Express Check Retrieval 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckRetrievalResponse>			
<expressCheckRetrievalReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
codeAmount	xsd:double	7	9999.99 "0.0" returned if Retrieval Unsuccessful
codeFee	xsd:double	6	999.99
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
expressCheckNumber	xsd:string	18	Valid Express Check Code
responseCode	xsd:int	5	0 = OK Anything else = Error "0" returned if Express Check code retrieved successfully
responseMessage	xsd:string	80	Response Description. No value returned if retrieval successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</expressCheckRetrievalReturn>			
</expressCheckRetrievalResponse>			

## Express Check Inquiry 1.0

The Express Check Inquiry 1.0 function provides the customer a general purpose inquiry into the status, properties, and last usage of an Express Check Code.

Function:	Express Check Inquiry 1.0
Web Service Method:	expressCheckInquiry
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00008
Other Notes:	

### Request Record – Express Check Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckInquiry>				
<inquiryRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
password	xsd:string	Y	10	Must be a secure card or codeword for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
pin	xsd:string	N	4	PIN Number
securityInfo	xsd:string	Y	16	Security Code/Codeword value assigned by Comdata. <i>[source: PASS]</i>
sequenceNumber	xsd:string	Y	5	Digits 6-10 of the Express Check Code
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</inquiryRequest>				
</expressCheckInquiry>				

## Response Record – Express Check Inquiry 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckInquiryResponse>			
<expressCheckInquiryReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
driverNumber	xsd:string	10	First 10 positions of Driver Number value
expressCheckAmount	xsd:double	7	Valid Amounts 0.01 to 9999.99
expressCheckBalance	xsd:double	7	Valid Amounts 0.01 to 9999.99
expressCheckCode	xsd:string	18	Full Express Check Code
expressCheckFee	xsd:double	6	Valid Amounts 0.01 to 999.99
fleetId	xsd:string	5	Fleet ID / Fleet Code
lastUseCity	xsd:string	15	City where Express Check code was last used
lastUseDateTime	xsd:dateTime	24	If the code has been used, this value is the date & time of last use. If the code has not been used, this value is the date that the code was retrieved from the Comdata host and the default time of "05:00:00.000". Format: YYYY-MM-DD + "T" + HH:MM:SS:000 + "Z" Example: 2011-03-17T19:59:00.000Z
lastUseLocationCode	xsd:string	5	Location Code/Merchant Code where code last used. 'NOUSE' returned if code has not been used yet
name	xsd:string	10	Format: [Last Name], [First Name]
purposeCode	xsd:string	10	Purpose Code
responseCode	xsd:int	5	0 = OK Anything else = Error "0" returned if Express Check code inquiry successful
responseMessage	xsd:string	80	Response Description. No value returned if retrieval successful.
status	tns2:char	1	A = Active B = Blocked C = Cancelled U = Used
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
tripNumber	xsd:string	10	Trip Number
unitNumber	xsd:string	6	Unit Number
</expressCheckInquiryReturn>			
</expressCheckInquiryResponse>			

\*Customer specific setup on Comdata host determines if this value is returned in response record. Contact your Comdata Representative to provide setup details.

## Express Check Issue 1.0

The [Express Check Issue 1.0](#) function should be used by customers who have established internal processes in adherence to Comdata's Express Check Code Calculation Instructions (provided separately upon request) to calculate their own Express Check codes.

Function:	Express Check Issue 1.0
Web Service Method:	expressCheckIssue
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00012
Other Notes:	

### Request Record – Express Check Issue 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckIssue>				
<issueRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
amount	xsd:double	Y	7	Valid Amounts 0.01 to 9999.99
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
driverNumber	xsd:string	N	16	Customer
expressCode	xsd:string	Y	18	Full Express Check Code
firstName	xsd:string	N	10	Receiver First Name
fleetId	xsd:string	N	5	Fleet ID / Fleet Code
lastName	xsd:string	N	15	Receiver Last Name
locationCode	xsd:string	N	5	Merchant Code. Express Check Code must be used at point of first encashment.
password	xsd:string	Y	10	Must be a secure card or codeword for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
pin	xsd:string	N	4	PIN Number
plusLessFlag	tns2:char	Y	1	1 = Plus Fees 2 = Less Fees
purposeCode	xsd:string	N	10	Purpose Code
securityInfo	xsd:string	Y	16	Security Code/Codeword value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
tripNumber	xsd:string	N	10	Trip Number
unitNumber	xsd:string	N	6	Unit Number
</issueRequest>				
</expressCheckIssue>				

## Response Record – Express Check Issue 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckIssueResponse>			
<expressCheckIssueReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
amountDue	xsd:double	7	Valid Amounts 0.01 to 9999.99
customerId	xsd:string	5	Value assigned by Comdata. (4 digit Customer Id's will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
expressCheckAmount	xsd:double	7	Valid Amounts 0.01 to 9999.99
expressCheckFee	xsd:double	6	Valid Amounts 0.01 to 999.99
nextAmountFactor	xsd:string	6	Next Available Amount Factor
nextSequenceAvailable	xsd:string	5	Next Available Sequence
responseCode	xsd:int	5	0 = OK Anything else = Error
responseMessage	xsd:string	80	Response Description. No value returned if retrieval successful.
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</expressCheckIssueReturn>			
</expressCheckIssueResponse>			

## Express Check Batch 1.0

The Express Check Batch 1.0 function is used by the customer to request Express Check Seed Code. Express Check Seed Code are part of the key building blocks used in calculating Express Check codes. Instructions for calculating Express Check codes are provided separately upon request.

Function:	Express Check Batch 1.0
Web Service Method:	expressCheckBatch
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00013
Other Notes:	

### Request Record – Express Check Batch 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckBatch>				
<batchRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4 -igit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
numberOfCodes	xsd:short	Y	4	Valid Values 1 to 9999
password	xsd:string	Y	10	Must be a secure card or codeword for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
pin	xsd:string	N	4	PIN Number
securityInfo	xsd:string	Y	16	Security Code/Codeword value assigned by Comdata. <i>[source: PASS]</i>
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</batchRequest>				
</expressCheckBatch>				

## Response Record – Express Check Batch 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>																				
<expressCheckBatchResponse>																							
<expressCheckBatchReturn>																							
accountCode	xsd:string	5	Value assigned by Comdata.																				
amountFactor	xsd:string	6	No Value. Refer to seedCodeArray.																				
customerId	xsd:string	5	Value assigned by Comdata. (4-digit Customer IDs will include leading zero)																				
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.																				
responseCode	xsd:int	5	0 = OK Anything else = Error																				
responseMessage	xsd:string	80	Response Description. No value returned if retrieval successful.																				
seedCodeArray	impl:ArrayOfSeedCode		Nested array of seed code (see below)																				
<table border="1"> <thead> <tr> <th colspan="4">&lt;SeedCode&gt;</th> </tr> <tr> <th><i>Element Name</i></th> <th><i>Data Type</i></th> <th><i>Max Len</i></th> <th><i>Comment / Example Value</i></th> </tr> </thead> <tbody> <tr> <td>amountFactor</td> <td>xsd:string</td> <td>6</td> <td>Used to calculate the code amount</td> </tr> <tr> <td>sequenceNumber</td> <td>xsd:string</td> <td>5</td> <td>Value of positions 6-10 of Express Check Code</td> </tr> <tr> <th colspan="4">&lt;/SeedCode&gt;</th> </tr> </tbody> </table>				<SeedCode>				<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>	amountFactor	xsd:string	6	Used to calculate the code amount	sequenceNumber	xsd:string	5	Value of positions 6-10 of Express Check Code	</SeedCode>			
<SeedCode>																							
<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>																				
amountFactor	xsd:string	6	Used to calculate the code amount																				
sequenceNumber	xsd:string	5	Value of positions 6-10 of Express Check Code																				
</SeedCode>																							
sequenceNumber	xsd:string	5	No Value. Refer to seedCodeArray.																				
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.																				
<expressCheckBatchReturn>																							
</expressCheckBatchResponse>																							



## Express Check Maintenance 1.0

The Express Check Maintenance 1.0 function is used by the customer to change the status of an Express Check Code. It is important to note that other values assigned to an Express Check code at the time of Retrieval or Issuance such as amount, driver number, first name, last name, location code, purpose code, trip number, and unit number cannot be altered.

Function:	Express Check Maintenance 1.0
Web Service Method:	expressCheckMaintenance
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost) <input checked="" type="checkbox"/> Comdata Virtual MasterCards
Comdata Real-Time Request Equivalency:	TS00007
Other Notes:	

### Request Record – Express Check Maintenance 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckMaintenance>				
<maintRequest>				
accountCode	xsd:string	Y	5	Value assigned by Comdata.
customerId	xsd:string	Y	5	Value assigned by Comdata. Leading zero on 4-digit Customer Id's is optional.
discretionaryData	xsd:string	N	10	Any discretionary data that the requestor would like returned in the response record. (optional)
expressCheckFunction	tns2:char	Y	1	A = Activate B = Block C = Cancel
message	xsd:string	N	30	Explanatory message for action taken (optional)
password	xsd:string	Y	10	Must be a secure card or codeword for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
pin	xsd:string	N	4	PIN Number
securityInfo	xsd:string	Y	16	Security Code/Codeword value assigned by Comdata. <i>[source: PASS]</i>
sequenceNumber	xsd:string	Y	5	Value of positions 6-10 of Express Check Code
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. <i>[source: SEC1 01]</i>
trackingNumber	xsd:long	Y	9	Any Number (data type: long)
</maintRequest>				
</expressCheckMaintenance>				

## Response Record – Express Check Maintenance 1.0

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<expressCheckMaintenanceResponse>			
<expressCheckMaintenanceReturn>			
accountCode	xsd:string	5	Value assigned by Comdata.
codeBalance	xsd:double	7	Valid Amounts 0.01 to 9999.99
customerId	xsd:string	5	Value assigned by Comdata. (4-digit Customer IDs will include leading zero)
discretionaryData	xsd:string	10	Any discretionary data that the requestor included in the corresponding request record.
locationCode	xsd:string	5	Merchant Code
originalAmount	xsd:double	7	Valid Amounts 0.01 to 9999.99
responseCode	xsd:int	5	0 = OK Anything else = Error
responseMessage	xsd:string	80	Response Description. No value returned if retrieval successful.
status	tns2:char	1	A = Activate B = Block C = Cancel
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record.
</expressCheckMaintenanceReturn>			
</expressCheckMaintenanceResponse>			

## Card Move Maintenance 1.0.3

The Card Move Maintenance request is used to transfer a card from one customer ID to another.

Function:	Card Move Maintenance
Web Service Method:	cardMoveMaintenanceRequest
Applicable Card Type:	<input checked="" type="checkbox"/> Comdata Proprietary Cards <input checked="" type="checkbox"/> Comdata MasterCards (physical & ghost)
Comdata Real-Time Request Equivalency:	TS000048
Other Notes:	

### Request Record – Card Move Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Req</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<cow: cardMoveMaintenance>				
<cardMoveMaintenanceRequest>				
accountCode	xsd:string	Y	5	5-digit Alphanumeric account code
customerId	xsd:string	Y	10	4- or 5-digit customer ID
discretionaryData	xsd:string	N	10	Any discretionary data (optional). Will be truncated to 10 characters
trackingNumber	tns2:char	Y	9	Any number (data type: long)
signOnName	xsd:string	Y	20	Login name for real-time processing. Value assigned by Comdata. [source: SEC1 01]
Password	xsd:string	Y	10	Must be a secure card for real-time processing. Value assigned by Comdata. [source: SEC1 01]
securityCode	xsd:string	Y	25	560017 + Card Number
fromAccountCode	xsd:string	Y	5	5-digit alphanumeric account code card is currently under
fromCustomerId	xsd:string	Y	10	4- or 5-digit customer ID card is currently under
moveToAccountCode	xsd:string	Y	10	The account code under which the card should be moved
moveToCustomerId	xsd:long	Y	10	The customer ID to which the card should be moved. A 5-digit customer ID must be left justified.
cardNumber	xsd: string	Y	16	The number of the card being transferred
</cardMoveMaintenanceRequest>				
</cow: cardMoveMaintenance>				

## Response Record – Card Move Maintenance

<i>Element Name</i>	<i>Data Type</i>	<i>Max Len</i>	<i>Comment / Example Value</i>
<p910:cardMoveMaintenanceResponse Xmlns:p910="http://cows0103.comdata.com">			
<cardMoveMaintenanceResponse>			
accountCode	xsd:string	5	5-digit alphanumeric account code
customerId	xsd:double	10	4- or 5-digit customer ID under which the card was assigned
discretionaryData	xsd:string	10	Any discretionary data from the request message (optional). The response will be truncated to 10 characters.
responseCode	xsd:string	5	0=success All other response codes=error
responseMessage	xsd:string	80	If the request succeeded, the message should be: CARD MOVED
trackingNumber	xsd:long	9	Comdata assigned value attached to this response record (Overrides the tracking number submitted).
</cardMoveMaintenanceResponse>			
</p910:cardMoveMaintenanceResponse>			

## Appendix A – Comdata Web Services 1.0 Sample Request/Response

### Comdata Web Services 1.0 – Sample Request (Raw Version)

```
<soapenv:Envelope xmlns:cows="http://cows.comdata.com"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<soapenv:Header>
<wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
<wsse:UsernameToken wsu:id="UsernameToken-8"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
<wsse:Username>TeStUsErNaMe1</wsse:Username>
<wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">TeStPaSsWoRd1</wsse:Password>
<wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-
1.0#Base64Binary">f8nUe3YupTU5ISdCy3X9Gg==</wsse:Nonce>
<wsu:Created>2011-05-04T19:01:40.981Z</wsu:Created>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <cows:cardBlockUnblock>
    <blockRequest>
      <accountCode>TE999</accountCode>
      <cardNumber>5600171621542215</cardNumber>
      <customerId>12345</customerId>
      <discretionaryData>TEST</discretionaryData>
      <password>FOOTBALL</password>
      <securityInfo>5600171234567890</securityInfo>
      <signOnName>VANDY</signOnName>
      <trackingNumber>1</trackingNumber>
      <cardActive>TRUE</cardActive>
    </blockRequest>
  </cows:cardBlockUnblock>
</soapenv:Body>
</soapenv:Envelope>
```

## Comdata Web Services 1.0 – Sample Response (Raw Version)

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:soapenc="http://schemas.xml
soap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XM
LSchema-instance"><soapenv:Header/>
<soapenv:Body>
<p2:cardBlockUnblockResponse xmlns:p2="http://cows.comdata.com">
<cardBlockUnblockReturn>
<accountCode>TE999</accountCode>
<customerId>12345</customerId>
<discretionaryData>TEST</discretionaryData>
<responseCode>0</responseCode>
<responseMessage>CARD ACTIVATED</responseMessage>
<trackingNumber>3104231</trackingNumber>
</cardBlockUnblockReturn>
</p2:cardBlockUnblockResponse>
</soapenv:Body>
</soapenv:Envelope>
```

### Notes:

1. Use of the namespace “cows” in the sample request is simply illustrative of how the customer may choose to utilize a namespace.
2. Carriage returns, tabs, and spacing have been inserted in both the sample request and response to improve readability.
3. The preceding sample request and response was captured utilizing soapUI Pro 3.5.1.