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dsiPDCX
Check Transactions
XML Specification
Supplement 10

V01.42

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Revision History

00.01	06 Dec 2010	<ul style="list-style-type: none">• Preliminary Draft Release
00.02	09 Dec 2010	<ul style="list-style-type: none">• Incorporated <TranType> and <PadType> tags for 'SecureDeviceInit' Admin transaction.
00.03	10 Dec 2010	<ul style="list-style-type: none">• Incorporated advice on Check and EBT transaction capability
01.00	26 May 2011	<ul style="list-style-type: none">• Formal Release• Added configuration and data flow information for VFI Vx810 support• Added new values for <PadType> and <SecureDevice>
01.12	30 Aug 2011	<ul style="list-style-type: none">• Added configuration and data flow information for UIC PP795 support• Added new values for <PadType> and <SecureDevice>
01.15	20 Apr 2012	<ul style="list-style-type: none">• Added configuration and data flow information for VivoPay 4500m support
01.16	24 May 2012	<ul style="list-style-type: none">• Document reorganization; Core Integration Specification and XML transaction detail in separate sections by class• Added configuration and data flow information for MagTek MiniMSR and SureSwipe• Added new TranType <GetPrePaidStripe>
01.21	27 Aug 2012	<ul style="list-style-type: none">• Added new tags <LastFourCheck> and <CardholderID>• Added configuration and data flow information for J2 POS Model 2650 Internal MSR support
01.22	01 Oct 2012	<ul style="list-style-type: none">• Added new supplement (#10) for Check transactions
01.27	14 Jul 2013	<ul style="list-style-type: none">• Synchronize version with latest in document set only – no changes to this Document since V1.22
01.28	04 Oct 2013	<ul style="list-style-type: none">• Synchronize version with latest in document set only – no changes to this Document since V1.22
01.30	22 Nov 2013	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22
01.32	25 Jan 2014	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22
01.33	01 Mar 2014	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22
01.34	13 Apr 2014	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22
01.38	24 Sep 2014	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22
01.42	13 Sep 2015	<ul style="list-style-type: none">• Release to synchronize all supplement versions; no changes to this supplement since V1.22

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10.0 Check Authorization XML Transaction Requests

10.01 Check Authorization - Driver License - Manual Entry

Use: To authorize a check payment with keyed (manually entered) driver's license information.

Account Input Methods Allowed: Keyed

XML Template: **Check Authorization DL Manual** (Keyed Account Input)

```
<?xml version="1.0"?>
<TStream>
  <Transaction>
    <IpAddress>999.999.999.999</IpAddress>
    <IpPort>99999</IpPort>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <OperatorID>OperatorID</OperatorID>
    <TranType>CheckAuth</TranType>
    <CardType>PersonalCheck</CardType>
    <TranCode>Sale</TranCode>
    <SecureDevice>NONE</SecureDevice>
    <ComPort>0</ComPort>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <RefNo>RefNo</RefNo>
    <Account>
      <AcctNo>SecureDevice</AcctNo>
      <DriversLicense>DriversLicense</DriversLicense>
      <StateCode>StateCode</StateCode>
      <DateOfBirth>DateOfBirth</DateOfBirth>
      <SequenceNo>SequenceNo</SequenceNo>
    </Account>
    <Amount>
      <Purchase>Purchase</Purchase>
    </Amount>
    <SequenceNo>SequenceNo</SequenceNo>
    <TerminalName>TerminalName</TerminalName>
    <ShiftID>ShiftID</ShiftID>
    <Signature>Signature</Signature>
  </Transaction>
</TStream>
```

Element	Req	Min	Max	Type	Description
IpAddress	O	7	15	AN	IP address of server to use for this transaction. This address will override the addresses obtained via ServerIPConfig.
IpPort	O	1	5	N	IP port number on server to use for this transaction. If omitted, default port is 9000.
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.

TerminalID	O	1	24	AN	For general use Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included. For reversal support with selected processors Use a unique POS workstation number (exactly 3 digits 000-999) for multi-workstation locations. See 1.3.7.
OperatorID	Y	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
TranType	Y	1	20	A	"CheckAuth"
CardType	O	3	20	AN	"PersonalCheck"
TranCode	Y	1	40	A	"Sale"
SecureDevice	Y	1	40	AN	"NONE"
ComPort	Y	1	3	N	"0"
InvoiceNo	Y	1	16	AN	Invoice number - sequential receipt number, check number, or other unique transaction identifier.
RefNo	Y	1	16	AN	Use the same data as InvoiceNo
Account:AcctNo	Y	1	19	AN	"SecureDevice"
Account:DriversLicense	Y	1	19	AN	Account number
Account:StateCode	Y	2	2	AN	State code value defined by check service
Account:DateOfBirth	Y	4	6	N	Date of birth as MMDDYY or MMY
Account:SequenceNo	Y	1	20	N	Check sequence number
Amount:Purchase	Y	1	8	N	Check amount (with 2 place decimal – eg. 29.95)
SequenceNo	O	1	20	AN	For reversal support with selected processors Use '00000000' for first transaction in new installations. For all subsequent transactions, use the SequenceNo value returned in the previous transaction response. See 1.3.7.
TerminalName	O	1	20	AN	Terminal name
ShiftID	O	1	20	AN	Shift identification
Signature	O	1	2048	AN	Digitized signature

10.02 Check Authorization - MICR - Reader Entry

Use: To authorize a check payment with machine read MICR (Magnetic Ink Character Recognition) information.

Account Input Methods Allowed: MICR Reader only

XML Template: **Check Authorization MICR Reader** (MICR Account Input)

```
<?xml version="1.0"?>
<TStream>
  <Transaction>
    <IpAddress>999.999.999.999</IpAddress>
    <IpPort>99999</IpPort>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <OperatorID>OperatorID</OperatorID>
    <TranType>CheckAuth</TranType>
    <CardType>PersonalCheck</CardType>
    <TranCode>Sale</TranCode>
    <SecureDevice>NONE</SecureDevice>
    <ComPort>0</ComPort>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <RefNo>RefNo</RefNo>
    <Account>
      <AcctNo>SecureDevice</AcctNo>
      <MICR>Reader</MICR>
      <RoutingNo>RoutingNo</RoutingNo>
      <CheckingAcctNo>CheckingAcctNumber</CheckingAcctNo>
      <SequenceNo>SequenceNo</SequenceNo>
      <StateCode>StateCode</StateCode>
    </Account>
    <Amount>
      <Purchase>Purchase</Purchase>
    </Amount>
    <SequenceNo>SequenceNo</SequenceNo>
    <TerminalName>TerminalName</TerminalName>
    <ShiftID>ShiftID</ShiftID>
    <Signature>Signature</Signature>
  </Transaction>
</TStream>
```

Element	Req	Min	Max	Type	Description
IpAddress	O	7	15	AN	IP address of server to use for this transaction. This address will override the addresses obtained via ServerIPConfig.
IpPort	O	1	5	N	IP port number on server to use for this transaction. If omitted, default port is 9000.
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.

TerminalID	O	1	24	AN	For general use Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included. For reversal support with selected processors Use a unique POS workstation number (exactly 3 digits 000-999) for multi-workstation locations. See 1.3.7.
OperatorID	Y	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
TranType	Y	1	20	A	"CheckAuth"
CardType	O	3	20	AN	"PersonalCheck" or "CompanyCheck". If CardType not supplied, the default is "PersonalCheck".
TranCode	Y	1	40	A	"Sale"
SecureDevice	Y	1	40	AN	"NONE"
ComPort	Y	1	3	N	"0"
InvoiceNo	Y	1	16	AN	Invoice number - sequential receipt number, check number, or other unique transaction identifier.
RefNo	Y	1	16	AN	Use the same data as InvoiceNo
Account:AcctNo	Y	1	19	AN	"SecureDevice"
Account:MICR	Y	1	19	AN	"Reader"
Account:RoutingNo	Y	9	9	AN	Bank Routing number – from MICR input stream
Account:CheckingAcctNo	Y	1	19	AN	Checking account number – from MICR input stream
Account:StateCode	Y	2	2	AN	State code value defined by check service
Account:SequenceNo	Y	1	20	N	Check sequence number – from MICR input stream
Amount:Purchase	Y	1	8	N	Check amount (with 2 place decimal – eg. 29.95)
SequenceNo	O	1	20	AN	For reversal support with selected processors Use '00000000' for first transaction in new installations. For all subsequent transactions, use the SequenceNo value returned in the previous transaction response. See 1.3.7.
TerminalName	O	1	20	AN	Terminal name
ShiftID	O	1	20	AN	Shift identification
Signature	O	1	2048	AN	Digitized signature

10.03 Check Authorization - MICR - Manual Entry

Use: To authorize a check payment with keyed (manually input) MICR (Magnetic Ink Character Recognition) information.

Account Input Methods Allowed: Keyed only

XML Template: **Check Authorization MICR Keyed** (*Keyed* Account Input)

```
<?xml version="1.0"?>
<TStream>
  <Transaction>
    <IpAddress>999.999.999.999</IpAddress>
    <IpPort>99999</IpPort>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <OperatorID>OperatorID</OperatorID>
    <TranType>CheckAuth</TranType>
    <CardType>PersonalCheck</CardType>
    <TranCode>Sale</TranCode>
    <SecureDevice>NONE</SecureDevice>
    <ComPort>0</ComPort>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <RefNo>RefNo</RefNo>
    <Account>
      <AcctNo>SecureDevice</AcctNo>
      <MICR>Keyed</MICR>
      <RoutingNo>RoutingNo</RoutingNo>
      <CheckingAcctNo>CheckingAcctNumber</CheckingAcctNo>
      <SequenceNo>SequenceNo</SequenceNo>
      <StateCode>StateCode</StateCode>
    </Account>
    <Amount>
      <Purchase>Purchase</Purchase>
    </Amount>
    <SequenceNo>SequenceNo</SequenceNo>
    <TerminalName>TerminalName</TerminalName>
    <ShiftID>ShiftID</ShiftID>
    <Signature>Signature</Signature>
  </Transaction>
</TStream>
```

Element	Req	Min	Max	Type	Description
IpAddress	O	7	15	AN	IP address of server to use for this transaction. This address will override the addresses obtained via ServerIPConfig.
IpPort	O	1	5	N	IP port number on server to use for this transaction. If omitted, default port is 9000.
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.

TerminalID	O	1	24	AN	For general use Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included. For reversal support with selected processors Use a unique POS workstation number (exactly 3 digits 000-999) for multi-workstation locations. See 1.3.7.
OperatorID	O	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
TranType	Y	1	20	A	"CheckAuth"
CardType	O	3	20	AN	"PersonalCheck" or "CompanyCheck". If CardType not supplied, the default is "PersonalCheck".
TranCode	Y	1	40	A	"Sale"
SecureDevice	Y	1	40	AN	"NONE"
ComPort	Y	1	3	N	"0"
InvoiceNo	Y	1	16	AN	Invoice number - sequential receipt number, check number, or other unique transaction identifier.
RefNo	Y	1	16	AN	Use the same data as InvoiceNo
Account:AcctNo	Y	1	19	AN	"SecureDevice"
Account:MICR	Y	1	19	AN	"Keyed"
Account:RoutingNo	Y	9	9	AN	Bank Routing number
Account:CheckingAcctNo	Y	1	19	AN	Checking account number
Account:SequenceNo	Y	1	20	N	Check sequence number
Account:StateCode	Y	2	2	AN	State code value defined by check service
Amount:Purchase	Y	1	8	N	Check amount (with 2 place decimal – eg. 29.95)
SequenceNo	O	1	20	AN	For reversal support with selected processors Use '00000000' for first transaction in new installations. For all subsequent transactions, use the SequenceNo value returned in the previous transaction response. See 1.3.7.
TerminalName	O	1	20	AN	Terminal name
ShiftID	O	1	20	AN	Shift identification
Signature	O	1	2048	AN	Digitized signature

10.04 E- Check Sale - MICR - Reader Entry

Use: To convert, authorize and capture a check payment with machine read MICR (Magnetic Ink Character Recognition) information. (Currently support only for Nova Host-Based NETePay).

Account Input Methods Allowed: MICR Reader only

XML Template: **E-Check Sale MICR Reader** (MICR Account Input)

```
<?xml version="1.0"?>
<TStream>
  <Transaction>
    <IpAddress>999.999.999.999</IpAddress>
    <IpPort>99999</IpPort>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <OperatorID>OperatorID</OperatorID>
    <TranType>ECheck</TranType>
    <CardType>PersonalCheck</CardType>
    <TranCode>Sale</TranCode>
    <SecureDevice>NONE</SecureDevice>
    <ComPort>0</ComPort>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <RefNo>RefNo</RefNo>
    <Account>
      <AcctNo>SecureDevice</AcctNo>
      <MICR>Reader</MICR>
      <RawTOAD>Raw MICR in TOAD format</RawTOAD>
      <DriversLicense>DriversLicense</DriversLicense>
      <StateCode>StateCode</StateCode>
      <PhoneNo>PhoneNo</PhoneNo>
    </Account>
    <Amount>
      <Purchase>Purchase</Purchase>
    </Amount>
    <SequenceNo>SequenceNo</SequenceNo>
    <TerminalName>TerminalName</TerminalName>
    <ShiftID>ShiftID</ShiftID>
  </Transaction>
</TStream>
```

Element	Req	Min	Max	Type	Description
IpAddress	O	7	15	AN	IP address of server to use for this transaction. This address will override the addresses obtained via ServerIPConfig.
IpPort	O	1	5	N	IP port number on server to use for this transaction. If omitted, default port is 9000.
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.

TerminalID	O	1	24	AN	For general use Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included. For reversal support with selected processors Use a unique POS workstation number (exactly 3 digits 000-999) for multi-workstation locations. See 1.3.7.
OperatorID	Y	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
TranType	Y	1	20	A	"ECheck"
CardType	O	3	20	AN	"PersonalCheck". If CardType not supplied, the default is "PersonalCheck".
TranCode	Y	1	40	A	"Sale"
SecureDevice	Y	1	40	AN	"NONE"
ComPort	Y	1	3	N	"0"
InvoiceNo	Y	1	16	AN	Invoice number - sequential receipt number, ticket number, or other unique transaction identifier.
RefNo	Y	1	16	AN	Use the same data as InvoiceNo
Account:AcctNo	Y	1	19	AN	"SecureDevice"
Account:MICR	Y	1	19	AN	"Reader"
Account:RawTOAD	Y	1	80	AN	Raw MICR data in "TOAD" format
Account:DriversLicense	O	1	19	AN	Driver's License account number. Required for Check Guarantee, otherwise optional.
Account:StateCode	O	2	2	AN	State code value defined by check service. Required of Check Guarantee, otherwise optional.
Account:PhoneNo	O	10	10	N	Telephone Number with area code. Required for Check Guarantee, otherwise optional.
Amount:Purchase	Y	1	8	N	Check amount (with 2 place decimal – eg. 29.95)
SequenceNo	O	1	20	AN	For reversal support with selected processors Use '00000000' for first transaction in new installations. For all subsequent transactions, use the SequenceNo value returned in the previous transaction response. See 1.3.7.
TerminalName	O	1	20	AN	Terminal name
ShiftID	O	1	20	AN	Shift identification

10.05 E- Check Void Sale - MICR - Reader Entry

Use: To void a previously completed sale (payment) transaction in the current batch on an E-Check.
Must use machine read MICR (Magnetic Ink Character Recognition) information.
(Currently support only for Nova Host-Based NETePay).

Account Input Methods Allowed: MICR Reader only

XML Template: **E-Check Void Sale MICR Reader** (MICR Account Input)

```
<?xml version="1.0"?>
<TStream>
  <Transaction>
    <IpAddress>999.999.999.999</IpAddress>
    <IpPort>99999</IpPort>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <OperatorID>OperatorID</OperatorID>
    <TranType>ECheck</TranType>
    <CardType>PersonalCheck</CardType>
    <TranCode>VoidSale</TranCode>
    <SecureDevice>NONE</SecureDevice>
    <ComPort>0</ComPort>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <RefNo>RefNo</RefNo>
    <Account>
      <AcctNo>SecureDevice</AcctNo>
      <MICR>Reader</MICR>
      <RawTOAD>Raw MICR in TOAD format</RawTOAD>
      <DriversLicense>DriversLicense</DriversLicense>
      <StateCode>StateCode</StateCode>
      <PhoneNo>PhoneNo</PhoneNo>
    </Account>
    <Amount>
      <Purchase>Purchase</Purchase>
    </Amount>
    <TranInfo>
      <AuthCode>AuthCode</AuthCode>
      <AcqRefData>AcqRefData</AcqRefData>
    </TranInfo>
    <SequenceNo>SequenceNo</SequenceNo>
    <TerminalName>TerminalName</TerminalName>
    <ShiftID>ShiftID</ShiftID>
  </Transaction>
</TStream>
```

Element	Req	Min	Max	Type	Description
IpAddress	O	7	15	AN	IP address of server to use for this transaction. This address will override the addresses obtained via ServerIPConfig.
IpPort	O	1	5	N	IP port number on server to use for this transaction. If omitted, default port is 9000.
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.
TerminalID	O	1	24	AN	For general use Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included. For reversal support with selected processors Use a unique POS workstation number (exactly 3 digits 000-999) for multi-workstation locations. See 1.3.7.
OperatorID	Y	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
TranType	Y	1	20	A	"ECheck"
CardType	O	3	20	AN	"PersonalCheck". If CardType not supplied, the default is "PersonalCheck".
TranCode	Y	1	40	A	"VoidSale"
SecureDevice	Y	1	40	AN	"NONE"
ComPort	Y	1	3	N	"0"
InvoiceNo	Y	1	16	AN	Invoice number - sequential receipt number, ticket number, or other unique transaction identifier.
RefNo	Y	1	16	AN	Use the RefNo value returned in the original Sale transaction response
Account:AcctNo	Y	1	19	AN	"SecureDevice"
Account:MICR	Y	1	19	AN	"Reader"
Account:RawTOAD	Y	1	80	AN	Raw MICR data in "TOAD" format
Account:DriversLicense	O	1	19	AN	Driver's License account number. Required for Check Guarantee, otherwise optional.
Account:StateCode	O	2	2	AN	State code value defined by check service. Required of Check Guarantee, otherwise optional.
Account:PhoneNo	O	10	10	N	Telephone Number with area code. Required for Check Guarantee, otherwise optional.
Amount:Purchase	Y	1	8	N	Check amount (with 2 place decimal – eg. 29.95)
TranInfo:AuthCode	Y	1	16	AN	Use the AuthCode value returned in the original Sale transaction response
TranInfo:AcqRefData	Y	1	200	AN	Use the AcqRefData value returned in the original Sale transaction response.
SequenceNo	O	1	20	AN	For reversal support with selected processors Use '00000000' for first transaction in new installations. For all subsequent transactions, use the SequenceNo value returned in the previous transaction response. See

					1.3.7.
TerminalName	O	1	20	AN	Terminal name
ShiftID	O	1	20	AN	Shift identification

Note: There is a new response tag for ECheck transactions. After <AcqRefData>, the new tag <**ECheck Info**> will appear with 1-21 characters. The contents of this field should be printed on the receipt.

10.02 XML Transaction Response

```
<?xml version="1.0"?>
<RStream>
  <CmdResponse>
    <ResponseOrigin>ResponseOrigin</ResponseOrigin>
    <DSIXReturnCode>DSIXReturnCode</DSIXReturnCode>
    <CmdStatus>CmdStatus</CmdStatus>
    <TextResponse>TextResponse</TextResponse>
    <UserTraceData>UserTraceData</UserTraceData>
    <SequenceNo>SequenceNo</SequenceNo>
  </CmdResponse>
  <TranResponse>
    <MerchantID>MerchantID</MerchantID>
    <TerminalID>TerminalID</TerminalID>
    <AcctNo>AcctNo</AcctNo>
    <ExpDate>ExpDate</ExpDate>
    <CardType>CardType</CardType>
    <TranCode>TranCode</TranCode>
    <AuthCode>AuthCode</AuthCode>
    <AVSResult>AVSResult</AVSResult>
    <CVVResult>CVVResult</CVVResult>
    <VoucherNo>VoucherNo</VoucherNo>
    <CaptureStatus>CaptureStatus</CaptureStatus>
    <RefNo>RefNo</RefNo>
    <InvoiceNo>InvoiceNo</InvoiceNo>
    <OperatorID>OperatorID</OperatorID>
    <Memo>Memo</Memo>
    <Amount>
      <Purchase>Purchase</Purchase>
      <Authorize>Authorize</Authorize>
      <Gratuity>Gratuity</Gratuity>
      <CashBack>CashBack</CashBack>
      <Balance>Balance</Balance>
    </Amount>
    <AcqRefData>AcqRefData</AcqRefData>
    <RecordNo>RecordNo</RecordNo>
  </TranResponse>
</RStream>
```

Element	Return	Min	Max	Type	Description
ResponseOrigin	Y	1	10	A	Indicates the source of the response: “Client” = generated by DSIClientX control “Server” = generated by Datacap server “Processor” = generated by payment processor
DSIXReturnCode	Y	6	6	N	Six digit return code which identifies the error type. See Section 3 on error codes for possible values
CmdStatus	Y	1	10	A	Indicates the outcome of the command: “Approved” = transaction approved by payment processor “Declined” = transaction declined by payment processor “Success” = command completed successfully “Error” = error processing command. Check DSIXReturnCode and TextResponse for additional info on error
TextResponse	Y	1	40	AN	For Successful responses, this field can contain an optional message from the server or processor. For other response codes, see Section 3 on Error Codes for values.
UserTraceData	Y	0	40	AN	Echo of data supplied by the user system in the request; for use by the user system for internal tracking. May be null if no user system data was supplied in the request
SequenceNo	O	1	20	N	Transaction sequence number (included in Canadian Debit transaction responses)
MerchantID	Y	1	24	AN	Merchant identification assigned by processor.
TerminalID	O	0	24	AN	Terminal ID data must be supplied in this tag only if provided by the processor or merchant service provider; otherwise this tag should not be included.
AcctNo	Y	1	19	N	Cardholder Account number.
ExpDate	Y	4	4	N	Expiration date as MMY Y
CardType	O	3	20	AN	“VISA” “M/C” “AMEX” “DCLB” “DCVR” “JCB” “DEBIT” “OTHER” “PersonalCheck” “CompanyCheck” “Foodstamp” “Cash” “PrePaid”
TranCode	Y	1	40	A	“Sale” “Return” “VoidSale” “VoidReturn” “AuthOnly” “PreAuth” “VoiceAuth” “PreAuthCapture” “Voucher”

					“Issue” “Balance” “Adjust”
AuthCode	O	1	16	AN	The authorization code returned by the processor for the approved transaction. The AuthCode value should be saved since it is required for VoidSale, Adjust, VoiceAuth and PreAuthCapture transactions.
AVSResult	O	0	40	AN	The result of an AVS transaction returned by the processor.
CVVResult	O	0	40	AN	The result of an AVS transaction returned by the processor.
VoucherNo	O	0	40	AN	The of an EBT transaction returned by the processor.
CaptureStatus	O	1	16	AN	“Captured” or “NotCaptured” Note: If the CaptureStatus value returned is ‘NotCaptured’ for a check transaction, then the check will not be automatically deposited by ACH and it must be physically deposited in the bank to receive funds.
RefNo	O	1	16	AN	A reference returned by the processor. The RefNo value returned by the processor should be saved since it is required for subsequent VoidSale, Adjust, VoiceAuth and PreAuthCapture transactions.
InvoiceNo	Y	1	16	AN	Use the InvoiceNo value supplied in the original request.
OperatorID	Y	1	10	N	Operator (clerk, server, etc.) associated with the Transaction.
Memo	O	0	40	AN	Echo of data supplied by the user system in the request; for use by the user system for internal tracking.
Amount:Purchase	Y	1	8	N	Purchase price (with 2 place decimal)
Amount:Authorize	O	1	8	N	Authorized amount (with 2 place decimal)
Amount:Gratuity	O	1	8	N	Gratuity amount (with 2 place decimal)
Amount:CashBack	O	1	8	N	CashBack amount (with 2 place decimal)
Amount:Balance	O	1	8	N	Balance amount (with 2 place decimal) for EBT or PrePaid transactions.
AcqRefData	O	1	200	AN	Acquirer Reference returned by processor on PreAuth Transaction requests – will be null for other TranCodes. The AcqRefData value returned by the processor should be saved since it is required for subsequent PreAuthCapture transactions.
RecordNo	O	1	99	AN	Indicates record identifier in current batch. The RecordNo value can be saved and used as a token to process subsequent VoidSaleByRecordNo, VoidReturnByRecordNo and AdjustByRecordNo transactions without using account number data.
IssueCurrency	O	3	3	AN	Indicates the currency type in which the prepaid card account was originally issued. Supported values are: “CAN” - Canadian dollars “USD” - U.S. dollars Note: If this tag is returned on a prepaid transaction, it must be printed on the receipt with the legend “Currency” and the returned value.
IssueCurrencyPreviousBalance	O	1	8	N	Balance amount in issue currency (with 2 place decimal) at the start of the transaction.

					Note: If this tag is returned on a prepaid transaction, it must be printed on the receipt under the Currency line with the legend "Previous Balance" and the returned value.
IssueCurrencyEnding Balance	O	1	8	N	Balance amount in issue currency (with 2 place decimal) at the completion of the transaction. Note: If this tag is returned on a prepaid transaction, it must be printed on the receipt under the Previous Balance line with the legend "Ending Balance" and the returned value.
ExchangeRate	O	1	8	N	Exchange rate used to calculate from local to issued currency. Note: If this tag is returned on a prepaid transaction, it may be optionally printed under the Ending Balance line on the receipt with the legend "Exchange Rate" and the returned value.
PrePaidExp	O	1	8	AN	PrePaid card expiration date OR Trace Number. Date format: 12/31/04 or 2004-12-31 Trace Number Format: 99999999

10.3 dsiPDCX Compatible Servers

10.31 Check for NETePay Compatible Servers

The following chart indicates which check transactions are supported by the available NETePay servers.

CHECK Transactions	ADS	MPS	Nova Host	Nova Term	Concord EFS	Fifth Third	VITAL TSYS	VITAL TSYS	CardNet FDMS	Sterling	RBS Lynk	Heart land
	Host	Host	Host	Term	Host	Host	Term	Host	Term	Host	Term	Term
Driver License – Manual Entry		X	X	X						X		
MICR – Reader Entry		X	X	X	X					X		
MICR – Manual Entry			X	X	X					X		
E-Check - Sale			X									
E-Check – Void Sale			X									

CHECK Transactions	GPS Term US	GPS Host US	Paymentech Host	Paymentech Term	FDMS Nashville	FDMS Bypass Host
	Driver License – Manual Entry	X				
MICR – Reader Entry	X		X	X		X
MICR – Manual Entry			X	X		X
E-Check - Sale						X
E-Check – Void Sale						X