



SDK Integration Documentation

Introduction

NAPA allows its customers to submit orders and make parts availability queries against a NAPA store's TAMS system via the NAPA PROLink system. These orders and queries are represented in XML and transferred via http. However, these orders and queries are not submitted directly to the stores' TAMS systems, as TAMS systems and PROLink utilize different protocols. While the TAMS protocol is also based on XML transferred via http, the XML format is different. Furthermore, TAMS messages are not pure XML, in that they have a large block of data marked up with a single <data> tag. This data block consists of a mixture of fixed-width and delimited fields, and is not easily translated via traditional XML translation techniques such as XSLT. The B2Bbridge addresses this problem.

Instead of posting requests directly to TAMS, PROLink posts to the B2Bbridge. The B2Bbridge translates the request into the TAMS representation, posts the translated request to the appropriate store's TAMS system, translates the response into the PROLink representation, and returns it to PROLink.

Note to SDK providers: For purposes of this documentation, all references to PROLink also refer to your software which should be acting in a similar manner to the PROLink system.

Figure 1 illustrates how the system works from a high level.

Contacts at NAPA Headquarters

Initial Contact and overall project correspondence

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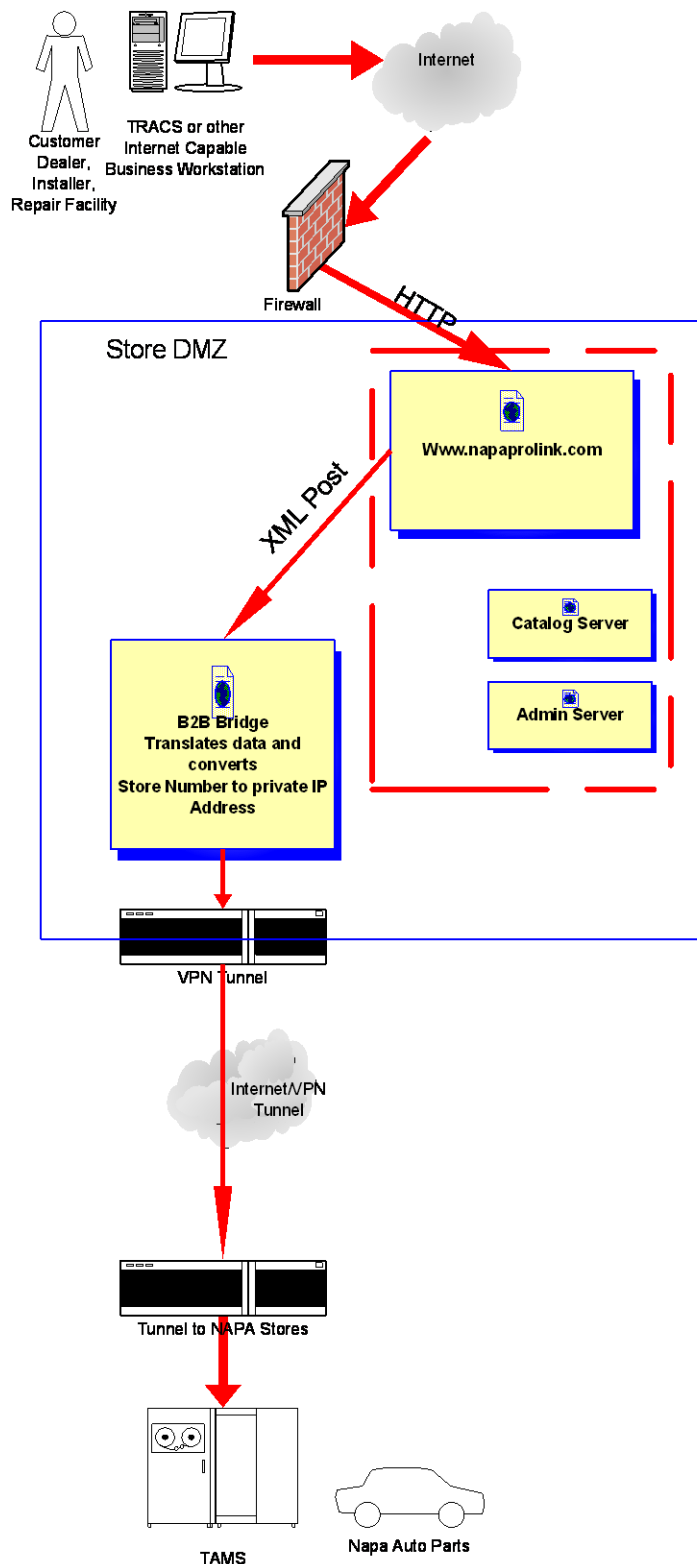


Figure 1High-level data flow

Data Flow Overview -

1) End user uses a browser to access NAPAPROLINK.com Servers OR the application issues an XML call to the gateway

2) www.napaprolink.com Webservers issue HTTP Post to B2B Bridge using Store Number or issues call directly to E-JOEI server.

3) B2B Bridge issues HTTP to Napa Stores receives response from Stores and responds to HTTP Post from Prolink Server OR can access EJOEI direct with UAP-AS/400

Communications

Software that can perform a standard HTTP post operation is required to talk to the NAPA B2bBridge application. The URL for this post operation are shown below. The transaction will be completed within a single POST, with the calling application receiving an XML response containing either error information or the information requested.

NAPA B2bBridge URL that can be used for testing and tracing purposes:

<http://gateway.napaprolink.com/b2bBridgetest?request=xml&service=POSServiceI&SDK=xxx>

Price Availability Request

```
<?xml version="1.0" ?>
<!DOCTYPE PriceAvailabilityRequest [
  <!ELEMENT PriceAvailabilityRequest (StoreID, AccountPassword, Part+)>
  <!ELEMENT StoreID (#PCDATA)>
  <!ELEMENT AccountPassword (#PCDATA)>
  <!ELEMENT Part (LineAbbrev, PartNumber, PartMessage?)>
    <!ELEMENT LineAbbrev (#PCDATA)>
    <!ELEMENT PartNumber (#PCDATA)>
    <!ELEMENT PartMessage (#PCDATA)>

  <ATTLIST PriceAvailabilityRequest
    RequestID CDATA #IMPLIED
  >
]>
<!-- Note: 'DCQTY' in the PartMessage requests DC Balance QTY for the
particular LineAbbrev/PartNumber pair. -->
```

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
Account Password	10 char	Contains account/cust id
Line Abbrev	3 char	NAPA Line Abbrev.
Part Number	18 char	Length from 13 to 18
Part Message	55 char	Used for requesting DC Availability, see below.

1. The StoreID is a nine-digit NAPA store number. The StoreID must be exactly nine digits long, but may contain leading zeros if needed.
2. The AccountPassword identifies the customer account at the store.
3. A PriceAvailability request can contain multiple Part elements. Each Part element contains a single LineAbbrev and PartNumber. LineAbbrev and PartNumber together identify the part for which pricing and availability is being requested.
4. No PriceAvailability request should contain more than 150 Part elements. Therefore, 150 is the maximum number of parts that can be requested in a single PriceAvailability request. Note that response time is a function of the number of parts; it takes longer to receive a response for a request containing 150 parts than it does for a request containing 5 parts. So, 150 parts is a maximum, but in practice it is often desirable to limit requests to 50 or fewer parts to ensure faster response times.
5. PartMessage is optional. It can be used to request the availability of the part at the store's DC (see below); otherwise it is not needed and should be omitted.

Requesting DC Availability:

Normally the PriceAvailability response will contain the quantity available at the store. In addition, the quantity available at the store's distribution center (DC) can be requested. If DC availability is needed for a part, then the PartMessage element for that part should contain the text DCQTY (note that upper case characters should be used). DCQTY must be specified for each part for which DC quantity is desired. If DC quantity is desired for every part in the request, then DCQTY should be specified for each part in the request.

Requesting miscellaneous charges:

Normally, the Price Availability response will contain just the core (COR) charge (if any) and the basic (PRI) price for each part in the request. However, miscellaneous charges such as environmental fees, delivery charges, etc., can be requested as well. If miscellaneous charges are desired, then the RequestID attribute of the PriceAvailabilityRequest should be specified with a value of MISCHG. If miscellaneous charges are not desired, then the RequestID attribute should be omitted.

Price Availability Response

The following DTD describes the response that the b2bBridge returns to client applications in response to a PriceAvailability request. Note that the DTD contains an inaccuracy and therefore should not be used for validation purposes. Specifically, the StoreID element and the PartPriceAvailability elements are really optional elements, even though they are shown as mandatory elements. Any response that has a non-zero value for its StatusCode attribute might not have any StoreID and PartPriceAvailability elements.

```
<?xml version="1.0" ?>
<!DOCTYPE PriceAvailabilityResponse [
  <!ELEMENT PriceAvailabilityResponse (StoreID, PartPriceAvailability+)>
  <!ELEMENT StoreID (#PCDATA)>
  <!ELEMENT PartPriceAvailability (LineAbbrev, PartNumber, TAMErrorMsg,
QtyOnHand, Price+, DCBalanceQty?, DeliveryTime?, PartDescription?)>
    <!ELEMENT LineAbbrev (#PCDATA)>
    <!ELEMENT PartNumber (#PCDATA)>
    <!ELEMENT TAMErrorMsg (#PCDATA)>
    <!ELEMENT QtyOnHand (#PCDATA)>
    <!ELEMENT Price (PriceType, ListPrice, YourCost)>
      <!ELEMENT PriceType (#PCDATA)>
      <!ELEMENT ListPrice (#PCDATA)>
      <!ELEMENT YourCost (#PCDATA)>
    <!ELEMENT DCBalanceQty (#PCDATA)>
    <!ELEMENT DeliveryTime (#PCDATA)>
    <!ELEMENT PartDescription (#PCDATA)>
  <!--ATTLIST PriceAvailabilityResponse
    StatusCode CDATA #REQUIRED
    StatusMessage CDATA #IMPLIED-->
]>
```

The structure of the B2B Part Query – Response is given below:

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
Line Abbrev	3 char	NAPA line abbreviation

Part Number	18 char	compressed 13 -> 18
TAMS Error Msg	30 char	Text of the error or informational message (see usage note #6)
Qty on Hand	11 char	Quantity of the part on hand at the store.
Price Type	3 char	PRI, COR, DEL, ENV, MIS, OTH, SVC
List Price/Charge	14 char	Hard decimal
Your Cost/Charge	14 char	Hard decimal
DC Balance Qty	11 char	Decimal point is optional
Delivery Time	30 char	Alpha numeric string, e.g. '240 minutes'
Description	60 char	Part description for non-NAPA part.

Usage Notes:

1. A price/availability response will typically contain one PartPriceAvailability element for each Part element in the request, and the PartPriceAvailability elements will appear in the same order in the response as did the Part elements in the request.
2. If DC Balance information is not requested, then the DCBalanceQty element will typically not be present in the response.
3. If DC Balance information is requested, it is still possible that the response will not contain the DCBalanceQty element. This can happen for a number of reasons:
 - a. The store is not associated with a DC
 - b. The DC availability system did not respond with availability information
 - c. The specific part is unknown to the DC availability system
 - d. If the store is a DC main counter store, the DC availability will be combined with the store's availability and will be shown in the QuantityOnHand element instead of separately in the DCBalanceQty element.
4. Some NAPA stores do not define delivery times for all parts. If delivery time is not defined for some of the parts in a response, then the DeliveryTime element will not be present in the response.
5. A response can contain more than one Price element per part. Typically a response will contain at a minimum a price with a PRI price type and may also contain a price with a COR price type (which is a core charge). In addition, if MISCHG was specified in the request, the response might contain miscellaneous charges (e.g. DEL (delivery), ENV (environmental), MIS (miscellaneous), OTH (other) or SVC (service)). Most parts do not have any miscellaneous charges, so even if MISCHG is specified on the request, it could be the case that the response will not contain miscellaneous charges for all (or any) parts in the response.
6. TAMSErrorMsg can contain either an error message (e.g. "Part not on file") or an informational message.

A non-empty TAMSErrorMsg should be interpreted as an error if price and quantity information is missing from the response (or if quantity is zero and price is missing). Otherwise, a non-empty TAMSErrorMsg is an informational message and is not indicative of an error. The most common informational message is a "supersede"

message, indicating that the part has been superseded by another part, or that another part can be substituted for the requested part.

Supersede messages are of the form:

<Supersede description> <line abbreviation 1> <part number 1>

Or, in cases where the part is superseded by two parts:

<Supersede description> <line abbreviation 1> <part number 1> and <line abbreviation 2> <part number 2>

Where <line abbreviation 1> and <part number 1> identify the first superseding part, and <line abbreviation 2> and <part number 2> identify the second superseding part, if any. <Supersede description> will be one of the following:

- Superseded by
- Reorder as
- Renumber as
- Substitute
- Sourced from alternate store

Note that:

- a. Supersede messages will not typically list more than two superseding parts.
- b. More than one whitespace character may appear between the supersede description and the line abbreviation and/or between the line abbreviation and the part number.
- c. Some stores in the NAPA network use non-standard POS systems; Price/availability responses from such systems may return supersede information in a format different from the one described here.

Part Order Request

The following DTD describes the PartOrder request sent from client applications to the B2BBridge.

```
<?xml version="1.0" ?>
<!DOCTYPE PartOrderRequest [
  <!ELEMENT PartOrderRequest (StoreID, AccountPassword, PartOrderIn+,
PONumber?)>
    <!ELEMENT StoreID (#PCDATA)>
    <!ELEMENT AccountPassword (#PCDATA)>
    <!ELEMENT PartOrderIn (LineAbbrev, PartNumber, OrderQty, PartMessage?)>
      <!ELEMENT LineAbbrev (#PCDATA)>
      <!ELEMENT PartNumber (#PCDATA)>
      <!ELEMENT OrderQty (#PCDATA)>
      <!ELEMENT PartMessage (#PCDATA)>
    <!ELEMENT PONumber (#PCDATA)>
  ]>
```


The structure of the B2B Part Order – Request is given below:

Data Name	Data Format	Data Description
Transaction Type	1 char	0 if new, 1 if retransmission
Store ID	9 char	9 digit NAPA store number
Account Password	10 char	Contains account/cust id
Line Abbrev	3 char	NAPA Line Abbrev.
Part Number	18 char	Compressed 13 -> 18
Order Qty	11 char	Decimal point optional
Part Message	55	Alphanumeric
PO Number	30	An optional purchase order number (see note below)

Purchase Order Numbers:

A purchase order number can optionally be assigned to an order by the customer via the PONumber element. The same purchase order number can be used with multiple orders. The purchase order number can be used for invoice reconciliation purposes (see descriptions of the POInvoice request and the InvoiceDetails request later in this document for information on requesting invoices associated with a purchase order). In addition, use of PONumbers can facilitate discussions about an order with store personnel, should the need arise.

Note that some NAPA store systems convert each underscore character (“_”) in a PO number to a space character (“ ”). This fact can complicate invoice reconciliation because the store and the customer will have differing values for any PO number that originally contained underscore characters. For this reason, underscore characters should be avoided in PO numbers.

Part-specific and order specific messages:

If there is a need to associate a comment with a part in an order, this should be done via the PartMessage element contained within the PartOrderIn element that describes the part. However, each PartOrderIn element contains at most one PartMessage, and each PartMessage is limited to at most 55 characters. If more than one line or a line with more than 55 characters is needed, this can be accommodated via a part-specific comment line.

A PartOrderIn element with a line abbreviation of “3” (a three digit optionally followed by two spaces), a blank part number element and an order quantity of 1 contains a part-specific comment in the PartMessage element. The part specific message is associated with the part above the PartOrderIn element containing the comment line. Any part can have one or more additional comment lines via this mechanism.

If there is a need to associate a comment or comments with the order as a whole (rather than with a specific part in the order), this should be done with an order-specific comment. A PartOrderIn element with an empty line abbreviation (or, optionally, a line abbreviation of three spaces), a blank part number element and an order quantity of 1 contains an order-specific comment in the PartMessage element.

Part-specific comments appearing in a PartOrderIn element with a line abbreviation of “3” and order-specific comments are collectively called “comment-only line items”.

Part Order Response

The following DTD describes the response that the b2bBridge returns to client applications in response to a PartOrder request. Note that the DTD contains an inaccuracy and therefore should not be used for validation purposes. Specifically, the StoreID element and the PartOrderOut elements are really optional elements, even though they are shown as mandatory elements. Any response that has a non-zero value for its StatusCode attribute might not have any StoreID and PartOrderOut elements.

```
<?xml version="1.0" ?>
<!DOCTYPE PartOrderResponse [
  <!ELEMENT PartOrderResponse (StoreID, PartOrderOut+)>
    <!ELEMENT StoreID (#PCDATA)>
    <!ELEMENT PartOrderOut (LineAbbrev, PartNumber, TAMErrorMsg, QtyOnHand,
      Price+)>
      <!ELEMENT LineAbbrev (#PCDATA)>
      <!ELEMENT PartNumber (#PCDATA)>
      <!ELEMENT TAMErrorMsg (#PCDATA)>
      <!ELEMENT QtyOnHand (#PCDATA)>
      <!ELEMENT Price (PriceType, ListPrice, YourCost)>
        <!ELEMENT PriceType (#PCDATA)>
        <!ELEMENT ListPrice (#PCDATA)>
        <!ELEMENT YourCost (#PCDATA)>
  <!ATTLIST PartOrderResponse
    StatusCode CDATA #REQUIRED
    StatusMessage CDATA #IMPLIED>
]>
```

The structure of the B2B Part Order – Response is given below:

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
Line Abbrev	3 char	
Part Number	18 char	Compressed 13 -> 18
TAMS Error Msg	30 char	Textual description of the error/exception encountered
Quantity on Hand	11 char	hard decimal point
Price Type	3 char	PRI, COR, DEL, ENV, MIS, OTH, SVC
List Price	14 char	
Your Cost	14 char	

Usage Notes:

1. A PartOrderResponse will typically contain one PartOrderOut element for each PartOrderIn element that contains a part in the request, and the PartOrderOut elements will appear in the same order in the response as did the PartOrderIn elements in the request. Note that a PartOrderIn element that corresponds to a comment-only line item will typically not have a corresponding PartOrderOut element in the response.
2. The PartOrderResponse contains the quantity on hand at the store for each part, and does *not* contain the quantity ordered or the quantity fulfilled.

3. The ListPrice and YourCost contained in the PartOrderOut element are “per part” quantities rather than (in situations where more than one of a part is ordered) the price and cost of the entire quantity ordered.
4. A TAMErrorMsg of a PartOrderResponse will not contain a supersede message. Any non-empty TAMErrorMsg element will describe an actual error condition.
5. If you order a part that has been superseded, the store’s POS system will not automatically substitute the superseding part for the superseded part. Instead, the order will be for the part that you specified on the order. If you know that a part has been superseded by another part, and you wish to receive the superseding part, you must specify the line abbreviation and part number of the superseding part in your order. (See note 6 in the Price Availability Response section for information on how you can discover whether a part has been superseded.)
6. Most stores’ POS systems will accept an order even if it contains a part that is not defined in the POS system at all. In this case you will receive an error message in the TAMErrorMessage field of the response. However, the store will see the part on the order. The store may attempt to source the part or may notify the customer that the part is unavailable. Note that not all NAPA stores support this functionality; if you are in doubt, contact the store by telephone or e-mail.

PO Invoice Request

Note: some NAPA stores do not support PO Invoice and Invoice Detail requests.

```
<?xml version="1.0" ?>
<!DOCTYPE POInvoiceRequest [
  <!ELEMENT POInvoiceRequest (StoreID, AccountPassword, PONumber)>
    <!ELEMENT StoreID (#PCDATA)>
    <!ELEMENT AccountPassword (#PCDATA)>
    <!ELEMENT PONumber (#PCDATA)>
]>
```

The structure of the B2B PO Invoice – Request is given below:

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
Account Password	10 char	Contains account/cust id
PO Number	18 chars	PO Number requesting detail for

PO Invoice Response

```
<?xml version="1.0" ?>
<!DOCTYPE POInvoiceResponse [
  <!ELEMENT POInvoiceResponse (StoreID, PONumber, POInvoice+)>
    <!ELEMENT StoreID (#PCDATA)>
    <!ELEMENT PONumber (#PCDATA)>
    <!ELEMENT POInvoice (InvoiceNumber, InvoiceAmount, InvoiceDate,
InvoiceTime)>
      <!ELEMENT InvoiceNumber (#PCDATA)>
```

```

        <!ELEMENT InvoiceTotal (#PCDATA)>
        <!ELEMENT InvoiceDate (#PCDATA)>
        <!ELEMENT InvoiceTime (#PCDATA)>
    <!--ATTNLIST POInvoiceResponse
        StatusCode CDATA #REQUIRED
        StatusMessage CDATA #IMPLIED-->
]>

```

The structure of the B2B PO Invoice – Response is given below:

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
PO Number	18 chars	PO Number requesting detail for
Invoice Number	18 chars	Invoice Number
Invoice Total	10 dec	Hard decimal
Invoice Date	6 num	YYMMDD
Invoice Time	4 num	HHMM

Invoice Detail Request

```

<?xml version="1.0" ?>
<!DOCTYPE InvoiceDetailRequest [
    <!ELEMENT InvoiceDetailRequest (StoreID, AccountPassword, InvoiceNumber)>
    <!ELEMENT StoreID (#PCDATA)>
    <!ELEMENT AccountPassword (#PCDATA)>
    <!ELEMENT InvoiceNumber (#PCDATA)>
]>

```

The structure of the B2B Invoice Detail – Request is given below:

Data Name	Data Format	Data Description
Store ID	9 char	9 digit NAPA store number
Account Password	10 char	Contains account/cust id
Invoice Number	6 chars	Invoice Number requesting detail for

Invoice Detail Response

```

<?xml version="1.0" ?>
<!DOCTYPE InvoiceDetailResponse [
    <!--ELEMENT InvoiceDetailResponse (StoreID, TransactionType, InvoiceNumber,
    InvoiceTotal, InvoiceDate, InvoiceTime, CounterPersonID, SalesPersonID,
    NonTaxableTotal, TaxableTotal, Tax1Amount, Tax2Amount, AdjustmentAmount,
    Attention, PONumber, InvoiceDetailLine+)-->
    <!--ELEMENT StoreID (#PCDATA)-->
    <!--ELEMENT TransactionType (#PCDATA)-->
    <!--ELEMENT InvoiceNumber (#PCDATA)-->
    <!--ELEMENT InvoiceTotal (#PCDATA)-->
    <!--ELEMENT InvoiceDate (#PCDATA)-->
    <!--ELEMENT InvoiceTime (#PCDATA)-->
    <!--ELEMENT CounterPersonID (#PCDATA)-->
    <!--ELEMENT SalesPersonID (#PCDATA)-->
    <!--ELEMENT OtherCharges (#PCDATA)-->

```

```

<!ELEMENT NonTaxableTotal (#PCDATA)>
<!ELEMENT TaxableTotal (#PCDATA)>
<!ELEMENT Tax1Total (#PCDATA)>
<!ELEMENT Tax2Total (#PCDATA)>
<!ELEMENT AdjustmentTotal (#PCDATA)>
<!ELEMENT Attention (#PCDATA)>
<!ELEMENT PONumber (#PCDATA)>
<!ELEMENT InvoiceDetailLine (LineAbbrev, PartNumber?, QtyBilled?, Taxed?,
UnitPrice?, InvoiceMessageLine?)>
  <!ELEMENT LineAbbrev (#PCDATA)>
  <!ELEMENT PartNumber (#PCDATA)>
  <!ELEMENT QtyBilled (#PCDATA)>
  <!ELEMENT Taxed (#PCDATA)>
  <!ELEMENT UnitPrice (#PCDATA)>
  <!ELEMENT InvoiceMessageLine (#PCDATA)>
<!ATTLIST InvoiceDetailResponse
  StatusCode CDATA #REQUIRED
  StatusMessage CDATA #IMPLIED>
]>

```

The structure of the B2B Invoice Detail – Request is given below:
Invoice Summary

Data Name	Data Format	Data Description
Store ID	9 dec	9 digit NAPA store number
Transaction Type	4 Char	CASH, CHG or VOID
Invoice Number	18 char	Invoice #
Error Msg	30 char	Empty unless Error
Invoice Total	11 dec	
Invoice Date	6 Date	YYMMDD
Invoice Time	4 time	HHMM
Counter Person ID	5 Num	
Sales Person ID	4 Num	
Other Charges	7 dec	Delivery Charges
Non Taxable Total	8 dec	hard decimal, includes Misc Adj
Taxable Total	8 dec	hard decimal, includes Misc Adj
Tax1 Total	5 dec	
Tax2 Total	5 dec	
Adjustment Total	7 dec	hard decimal, leading '-' if credit
Attention	18 char	Attention To – No trailing spaces
PO Number	21 Char	No trailing spaces

Line Item Detail

Data Name	Data Format	Data Description
Line Abbreviation	3 Char	
Part Number	22 char	
Qty Billed	7 Dec	Hard decimal
Taxed	3 Char	"T ", if taxable, else spaces
Unit Price	9 Dec	Hard decimal (2 or 3 places)
Invoice Msg Line	49 Char	Optional

Examples of Requests and Responses

Please note that formatting of the below examples is done for documentation purposes only and the actually responses returned are not necessarily formatted into individual lines.

Price Availability

Request

```
<?xml version="1.0" ?>
<PriceAvailabilityRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword> D01313RIM</AccountPassword>
  <Part>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
  </Part>
</PriceAvailabilityRequest>
```

Response

```
<?xml version="1.0" ?>
<PriceAvailabilityResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartPriceAvailability>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>191.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>9.51</ListPrice>
      <YourCost>5.49</YourCost>
    </Price>
    <DeliveryTime>20 Minutes</DeliveryTime>
    <PartDescription>OIL FIL</PartDescription>
  </PartPriceAvailability> </PriceAvailabilityResponse>
```

Price Availability with DC Availability

Request

```
<?xml version="1.0" ?>
<PriceAvailabilityRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <Part>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
    <PartMessage>DCQTY</PartMessage>
  </Part>
  <Part>
```

```

    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1516</PartNumber>
    <PartMessage>DCQTY</PartMessage>
  </Part>
</PriceAvailabilityRequest>

```

Response

```

<?xml version="1.0"?>
<PriceAvailabilityResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartPriceAvailability>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>3.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>12.02</ListPrice>
      <YourCost>6.69</YourCost>
    </Price>
    <DCBalanceQty>32</DCBalanceQty>
    <DeliveryTime>240 minutes</DeliveryTime>
    <PartDescription>NAPAGOLD OIL FILTER</PartDescription>
  </PartPriceAvailability>
  <PartPriceAvailability>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1516</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>3.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>12.02</ListPrice>
      <YourCost>6.69</YourCost>
    </Price>
    <DCBalanceQty>67</DCBalanceQty>
    <DeliveryTime>240 minutes</DeliveryTime>
    <PartDescription>NAPAGOLD OIL FILTER</PartDescription>
  </PartPriceAvailability>
</PriceAvailabilityResponse>

```

Price Availability with Miscellaneous Charges

Request

```

<?xml version="1.0" ?>
<PriceAvailabilityRequest RequestID="MISCHG" >
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <Part>
    <LineAbbrev>NTC</LineAbbrev>

```

```
<PartNumber>409503</PartNumber>
</Part>
</PriceAvailabilityRequest>
```

Response

```
<?xml version="1.0"?>
<PriceAvailabilityResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartPriceAvailability>
    <LineAbbrev>NTC</LineAbbrev>
    <PartNumber>409503</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>3.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>27.98</ListPrice>
      <YourCost>15.11</YourCost>
    </Price>
    <Price>
      <PriceType>ENV</PriceType>
      <ListPrice>0.04</ListPrice>
      <YourCost>0.04</YourCost>
    </Price>
    <DCBalanceQty>0</DCBalanceQty>
    <PartDescription>REFRIGERANT OIL</PartDescription>
  </PartPriceAvailability>
</PriceAvailabilityResponse>
```

Price Availability with Supersede message

Request

```
<?xml version="1.0"?>
<PriceAvailabilityRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <Part>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
  </Part>
</PriceAvailabilityRequest>
```

Response

```
<?xml version="1.0" ?>
<PriceAvailabilityResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartPriceAvailability>
    <LineAbbrev>FIL</LineAbbrev>
    <PartNumber>1515</PartNumber>
```



```
<TAMSErrorMsg>Superseded by FIL 1515MP</TAMSErrorMsg>
<QtyOnHand>291.00</QtyOnHand>
<Price>
  <PriceType>PRI</PriceType>
  <ListPrice>11.50</ListPrice>
  <YourCost>2.48</YourCost>
</Price>
<PartDescription>OIL FILTER</PartDescription>
</PartPriceAvailability>
</PriceAvailabilityResponse>
```

Part Order

Request

```
<?xml version="1.0"?>
<PartOrderRequest><StoreID>700001996</StoreID>
<AccountPassword>D01313RIM</AccountPassword>
<PartOrderIn>
  <LineAbbrev>ECH</LineAbbrev>
  <PartNumber>OS209</PartNumber>
  <OrderQty>2</OrderQty>
</PartOrderIn>
<PONumber>60165</PONumber>
</PartOrderRequest>
```

Response

```
<?xml version="1.0" ?>
<PartOrderResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartOrderOut>
    <LineAbbrev>ECH</LineAbbrev>
    <PartNumber>OS209</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>5.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>83.73</ListPrice>
      <YourCost>57.49</YourCost>
    </Price>
  </PartOrderOut>
</PartOrderResponse>
```

Part Order With Order-Specific Comment

Request

```
<PartOrderRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <PartOrderIn>
```

```

    <LineAbbrev>NOE</LineAbbrev>
      <PartNumber>6412139</PartNumber>
      <OrderQty>1</OrderQty>
    <PartMessage/>
  </PartOrderIn>
  <PartOrderIn>
    <LineAbbrev/>
    <PartNumber/>
    <OrderQty>1</OrderQty>
    <PartMessage>Attn: John Smith</PartMessage>
  </PartOrderIn>
  <PartOrderIn>
    <LineAbbrev/>
    <PartNumber/>
    <OrderQty>1</OrderQty>
    <PartMessage>WO: AAA-2954</PartMessage>
  </PartOrderIn>
  <PONumber>282367</PONumber>
</PartOrderRequest>

```

Response

```

<PartOrderResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartOrderOut>
    <LineAbbrev>NOE</LineAbbrev>
    <PartNumber>6412139</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>4.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>2.69</ListPrice>
      <YourCost>2.27</YourCost>
    </Price>
  </PartOrderOut>
</PartOrderResponse>

```

Part Order With Part-Specific Comment

Request

```

<PartOrderRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <PartOrderIn>
    <LineAbbrev>NOE</LineAbbrev>
      <PartNumber>6412139</PartNumber>
      <OrderQty>1</OrderQty>
    <PartMessage/>
  </PartOrderIn>
</PartOrderRequest>

```

```
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>3</LineAbbrev>
  <PartNumber/>
  <OrderQty>1</OrderQty>
  <PartMessage>2007 TOYOTA COROLLA LE 1.8L L4</PartMessage>
</PartOrderIn>
<PONumber>282368</PONumber>
</PartOrderRequest>
```

Response

```
<PartOrderResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PartOrderOut>
    <LineAbbrev>NOE</LineAbbrev>
    <PartNumber>6412139</PartNumber>
    <TAMSErrorMsg></TAMSErrorMsg>
    <QtyOnHand>4.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>2.69</ListPrice>
      <YourCost>2.27</YourCost>
    </Price>
  </PartOrderOut>
</PartOrderResponse>
```

Invoice Detail

Request

```
<?xml version="1.0" ?>
<InvoiceDetailRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <InvoiceNumber>925008</InvoiceNumber>
</InvoiceDetailRequest>
```

Response

```
<?xml version="1.0" ?> <InvoiceDetailResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <TransactionType>CHG</TransactionType>
  <InvoiceNumber>925008</InvoiceNumber>
  <InvoiceTotal>226.53</InvoiceTotal>
  <InvoiceDate>110404</InvoiceDate>
  <InvoiceTime>0458</InvoiceTime>
  <CounterPersonID>6</CounterPersonID>
  <SalesPersonID>19</SalesPersonID>
  <OtherCharges>0.00</OtherCharges>
  <NonTaxableTotal></NonTaxableTotal>
```

<TaxableTotal></TaxableTotal>
<Tax1Total></Tax1Total>
<Tax2Total></Tax2Total>
<Attention></Attention>
<PONumber> 196589</PONumber>
<InvoiceDetailLine>
 <LineAbbrev>BA </LineAbbrev>
 <PartNumber>0821563</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>40.500</UnitPrice>
</InvoiceDetailLine>
<InvoiceDetailLine>
 <LineAbbrev>VAL</LineAbbrev>
 <PartNumber>935</PartNumber>
 <QtyBilled>6.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>4.390</UnitPrice>
</InvoiceDetailLine>
<InvoiceDetailLine>
 <LineAbbrev>FIL</LineAbbrev>
 <PartNumber>1223</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>7.440</UnitPrice>
</InvoiceDetailLine>
<InvoiceDetailLine>
 <LineAbbrev>BA </LineAbbrev>
 <PartNumber>0832550</PartNumber>
 <QtyBilled>2.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>64.410</UnitPrice>
</InvoiceDetailLine>
<InvoiceDetailLine>
 <LineAbbrev>FIL</LineAbbrev>
 <PartNumber>6320</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>13.460</UnitPrice>
</InvoiceDetailLine>
<InvoiceDetailLine>
 <LineAbbrev>CMM</LineAbbrev>
 <PartNumber>BLACK</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>9.970</UnitPrice>
</InvoiceDetailLine> </InvoiceDetailResponse>

PO Invoice

Request

```
<?xml version="1.0" ?>
<POInvoiceRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <PONumber>196589</PONumber>
</POInvoiceRequest>
```

Response

```
<?xml version="1.0" ?>
<POInvoiceResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PONumber>196589</PONumber>
  <POInvoice>
    <InvoiceNumber>925008</InvoiceNumber>
    <InvoiceTotal>226.53</InvoiceTotal>
    <InvoiceDate>110404</InvoiceDate>
    <InvoiceTime>0458</InvoiceTime>
  </POInvoice>
</POInvoiceResponse>
```

Composite Example

The following example illustrates a typical usage scenario.

First, a repair technician at an auto repair shop sends a Price/Availability request to the store to determine the price and to ascertain the availability of a set of needed parts. This is the request sent to the B2Bbridge:

```
<?xml version="1.0"?>
<PriceAvailabilityRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <Part>
    <LineAbbrev>NR</LineAbbrev>
    <PartNumber>2703</PartNumber>
  </Part>
  <Part>
    <LineAbbrev>BRG</LineAbbrev>
    <PartNumber>LM48548VP</PartNumber>
  </Part>
  <Part>
    <LineAbbrev>BRG</LineAbbrev>
    <PartNumber>BR3</PartNumber>
  </Part>
  <Part>
    <LineAbbrev>ND</LineAbbrev>
```

```

        <PartNumber>4401662</PartNumber>
    </Part>
    <Part>
        <LineAbbrev>TS</LineAbbrev>
        <PartNumber>TS473</PartNumber>
    </Part>
</PriceAvailabilityRequest>

```

And this is the response received from the B2Bbridge:

```

<?xml version="1.0"?>
<PriceAvailabilityResponse StatusCode="0">
    <StoreID>700001996</StoreID>
    <PartPriceAvailability>
        <LineAbbrev>NR </LineAbbrev>
        <PartNumber>2703</PartNumber>
        <TAMSErrorMsg/>
        <QtyOnHand>1.00</QtyOnHand>
        <Price>
            <PriceType>PRI</PriceType>
            <ListPrice>299.44</ListPrice>
            <YourCost>209.00</YourCost>
        </Price>
        <PartDescription>NAPA RADIATOR</PartDescription>
    </PartPriceAvailability>
    <PartPriceAvailability>
        <LineAbbrev>BRG</LineAbbrev>
        <PartNumber>LM48548VP</PartNumber>
        <TAMSErrorMsg/>
        <QtyOnHand>9.00</QtyOnHand>
        <Price>
            <PriceType>PRI</PriceType>
            <ListPrice>17.10</ListPrice>
            <YourCost>11.69</YourCost>
        </Price>
        <PartDescription>BEARING</PartDescription>
    </PartPriceAvailability>
    <PartPriceAvailability>
        <LineAbbrev>BRG</LineAbbrev>
        <PartNumber>BR3</PartNumber>
        <TAMSErrorMsg/>
        <QtyOnHand>2.00</QtyOnHand>
        <Price>
            <PriceType>PRI</PriceType>
            <ListPrice>18.98</ListPrice>
            <YourCost>12.99</YourCost>
        </Price>
        <PartDescription>TAPPERED BEARING SET</PartDescription>
    </PartPriceAvailability>

```

```

</PartPriceAvailability>
<PartPriceAvailability>
  <LineAbbrev>ND </LineAbbrev>
  <PartNumber>4401662</PartNumber>
  <TAMSErrorMsg/>
  <QtyOnHand>2.00</QtyOnHand>
  <Price>
    <PriceType>PRI</PriceType>
    <ListPrice>74.78</ListPrice>
    <YourCost>51.99</YourCost>
  </Price>
  <PartDescription>BRAKE DRUM</PartDescription>
</PartPriceAvailability>
<PartPriceAvailability>
  <LineAbbrev>TS </LineAbbrev>
  <PartNumber>TS473</PartNumber>
  <TAMSErrorMsg/>
  <QtyOnHand>1.00</QtyOnHand>
  <Price>
    <PriceType>PRI</PriceType>
    <ListPrice>37.72</ListPrice>
    <YourCost>19.99</YourCost>
  </Price>
  <Price>
    <PriceType>COR</PriceType>
    <ListPrice>9.00</ListPrice>
    <YourCost>9.00</YourCost>
  </Price>
  <PartDescription>REMAN BRAKE SHOES</PartDescription>
</PartPriceAvailability>
</PriceAvailabilityResponse>

```

The technician decides to order the parts, and does so by sending the following request to the B2Bbridge:

```

<PartOrderRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <PartOrderIn>
    <LineAbbrev>NR</LineAbbrev>
    <PartNumber>2703</PartNumber>
    <OrderQty>1</OrderQty>
    <PartMessage>WO: 2972-B</PartMessage>
  </PartOrderIn>
  <PartOrderIn>
    <LineAbbrev>3</LineAbbrev>
    <PartNumber/>
    <OrderQty>1</OrderQty>
    <PartMessage>1994 Toyota Corolla 4-door</PartMessage>
  </PartOrderIn>

```

```

<PartOrderIn>
  <LineAbbrev>BRG</LineAbbrev>
  <PartNumber>LM48548VP</PartNumber>
  <OrderQty>1</OrderQty>
  <PartMessage>WO: 2972-B</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>3</LineAbbrev>
  <PartNumber/>
  <OrderQty>1</OrderQty>
  <PartMessage>1994 Toyota Corolla 4-door</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>BRG</LineAbbrev>
  <PartNumber>BR3</PartNumber>
  <OrderQty>2</OrderQty>
  <PartMessage>WO: 2972-B</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>3</LineAbbrev>
  <PartNumber/>
  <OrderQty>1</OrderQty>
  <PartMessage>1994 Toyota Corolla 4-door</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>ND</LineAbbrev>
  <PartNumber>4401662</PartNumber>
  <OrderQty>2</OrderQty>
  <PartMessage>WO: 2975</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>3</LineAbbrev>
  <PartNumber/>
  <OrderQty>1</OrderQty>
  <PartMessage>1997 Buick Skylark 8-Cyl</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>TS</LineAbbrev>
  <PartNumber>TS473</PartNumber>
  <OrderQty>1</OrderQty>
  <PartMessage>WO: 2975</PartMessage>
</PartOrderIn>
<PartOrderIn>
  <LineAbbrev>3</LineAbbrev>
  <PartNumber/>
  <OrderQty>1</OrderQty>
  <PartMessage>1997 Buick Skylark 8-Cyl</PartMessage>
</PartOrderIn>
<PartOrderIn>

```



```

        <LineAbbrev/>
        <PartNumber/>
        <OrderQty>1</OrderQty>
        <PartMessage>Deliver to the attention of:</PartMessage>
    </PartOrderIn>
    <PartOrderIn>
        <LineAbbrev/>
        <PartNumber/>
        <OrderQty>1</OrderQty>
        <PartMessage>Miles Standish, Parts Manager</PartMessage>
    </PartOrderIn>
    <PONumber>60001</PONumber>
</PartOrderRequest>

```

Note that the request contains part-specific comments to identify the internal work-order number and automobile that each part is needed for, and an order-specific comment with the name of the person to whom the parts should be delivered. These comments are optional and are intended for the convenience of the purchaser.

The B2Bbridge sends the following response to indicate that the order has been accepted:

```

<?xml version="1.0"?>
<PartOrderResponse StatusCode="0">
    <StoreID>700001996</StoreID>
    <PartOrderOut>
        <LineAbbrev>NR </LineAbbrev>
        <PartNumber>2703</PartNumber>
        <TAMSErrorMsg/>
        <QtyOnHand>1.00</QtyOnHand>
        <Price>
            <PriceType>PRI</PriceType>
            <ListPrice>299.44</ListPrice>
            <YourCost>209.00</YourCost>
        </Price>
    </PartOrderOut>
    <PartOrderOut>
        <LineAbbrev>BRG</LineAbbrev>
        <PartNumber>LM48548VP</PartNumber>
        <TAMSErrorMsg/>
        <QtyOnHand>9.00</QtyOnHand>
        <Price>
            <PriceType>PRI</PriceType>
            <ListPrice>17.10</ListPrice>
            <YourCost>11.69</YourCost>
        </Price>
    </PartOrderOut>
    <PartOrderOut>
        <LineAbbrev>BRG</LineAbbrev>
        <PartNumber>BR3</PartNumber>
    </PartOrderOut>

```

```

    <TAMSErrorMsg/>
    <QtyOnHand>2.00</QtyOnHand>
    <Price>
      <PriceType>PRI</PriceType>
      <ListPrice>18.98</ListPrice>
      <YourCost>12.99</YourCost>
    </Price>
  </PartOrderOut>
</PartOrderOut>
  <LineAbbrev>ND </LineAbbrev>
  <PartNumber>4401662</PartNumber>
  <TAMSErrorMsg/>
  <QtyOnHand>2.00</QtyOnHand>
  <Price>
    <PriceType>PRI</PriceType>
    <ListPrice>74.78</ListPrice>
    <YourCost>51.99</YourCost>
  </Price>
</PartOrderOut>
</PartOrderOut>
  <LineAbbrev>TS </LineAbbrev>
  <PartNumber>TS473</PartNumber>
  <TAMSErrorMsg/>
  <QtyOnHand>1.00</QtyOnHand>
  <Price>
    <PriceType>PRI</PriceType>
    <ListPrice>37.72</ListPrice>
    <YourCost>19.99</YourCost>
  </Price>
  <Price>
    <PriceType>COR</PriceType>
    <ListPrice>9.00</ListPrice>
    <YourCost>9.00</YourCost>
  </Price>
</PartOrderOut>
</PartOrderResponse>

```

Several days later, back-office personnel from the auto repair shop retrieve invoices from the store electronically via the B2Bbridge. The invoices for the order described above are retrieved by sending the following request to the B2B Gateway:

```

<?xml version="1.0"?>
<POInvoiceRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <PONumber>60001</PONumber>
</POInvoiceRequest>

```

The StoreID, AccountPassword and PONumber in the POInvoice request must be the same as those that were used in the PartOrder request when the order was sent.

The invoice headers are returned via the following response:

```
<?xml version="1.0"?>
<POInvoiceResponse StatusCode="0">
  <StoreID>700001996</StoreID>
  <PONumber>60001</PONumber>
  <POInvoice>
    <InvoiceNumber>15437</InvoiceNumber>
    <InvoiceTotal>379.64</InvoiceTotal>
    <InvoiceDate>071417</InvoiceDate>
    <InvoiceTime>0427</InvoiceTime>
  </POInvoice>
</POInvoiceResponse>
```

It is possible for there to be multiple invoices for a purchase order, in which case each invoice would be represented with a separate POInvoice element. However, in this case, there is only a single invoice corresponding to the order, so the invoice response contains only a single POInvoice element.

The POInvoice element represents a summary of the invoice. The back-office personnel then requests the line items of the invoice via the following request:

```
<?xml version="1.0"?>
<InvoiceDetailRequest>
  <StoreID>700001996</StoreID>
  <AccountPassword>D01313RIM</AccountPassword>
  <InvoiceNumber>15437</InvoiceNumber>
</InvoiceDetailRequest>
```

The StoreID and AccountPassword in the request must be the same as those used in the POInvoice request, and the InvoiceNumber must be an InvoiceNumber returned via the POInvoice response.

The line items of the invoice are returned via the following response:

```
<?xml version="1.0"?>
<InvoiceDetailResponse StatusCode="0">
  <StoreID>700001896</StoreID>
  <TransactionType>CHG</TransactionType>
  <InvoiceNumber>15437</InvoiceNumber>
  <InvoiceTotal>379.64</InvoiceTotal>
  <InvoiceDate>071417</InvoiceDate>
  <InvoiceTime>1627</InvoiceTime>
  <CounterPersonID>1</CounterPersonID>
  <SalesPersonID>1</SalesPersonID>
  <OtherCharges>0.00</OtherCharges>
```

<NonTaxableTotal>379.64</NonTaxableTotal>
 <TaxableTotal>0.00</TaxableTotal>
 <Tax1Total>0.00</Tax1Total>
 <Tax2Total>0.00</Tax2Total>
 <Attention>Sample Order </Attention>
 <PONumber>60001</PONumber>
 <InvoiceDetailLine>
 <LineAbbrev>NR </LineAbbrev>
 <PartNumber>2703</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>209.000</UnitPrice>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>
 <InvoiceMessageLine>WO: 2972-B</InvoiceMessageLine>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>
 <InvoiceMessageLine>1994 Toyota Corolla 4-door</InvoiceMessageLine>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>BRG</LineAbbrev>
 <PartNumber>LM48548VP</PartNumber>
 <QtyBilled>1.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>11.690</UnitPrice>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>
 <InvoiceMessageLine>WO: 2972-B</InvoiceMessageLine>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>
 <InvoiceMessageLine>1994 Toyota Corolla 4-door</InvoiceMessageLine>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>BRG</LineAbbrev>
 <PartNumber>BR3</PartNumber>
 <QtyBilled>2.00</QtyBilled>
 <Taxed> </Taxed>
 <UnitPrice>12.990</UnitPrice>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>
 <InvoiceMessageLine>WO: 2972-B</InvoiceMessageLine>
 </InvoiceDetailLine>
 <InvoiceDetailLine>
 <LineAbbrev>M </LineAbbrev>

```

        <InvoiceMessageLine>1994 Toyota Corolla 4-door</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>ND </LineAbbrev>
        <PartNumber>4401662</PartNumber>
        <QtyBilled>2.00</QtyBilled>
        <Taxed> </Taxed>
        <UnitPrice>51.990</UnitPrice>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>WO: 2975</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>1997 Buick Skylark 8-Cyl</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>TS </LineAbbrev>
        <PartNumber>TS473</PartNumber>
        <QtyBilled>1.00</QtyBilled>
        <Taxed> </Taxed>
        <UnitPrice>19.990</UnitPrice>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>TS </LineAbbrev>
        <PartNumber>TS473</PartNumber>
        <QtyBilled>1.00</QtyBilled>
        <Taxed> </Taxed>
        <UnitPrice>9.000</UnitPrice>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>WO: 2975</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>1997 Buick Skylark 8-Cyl</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>Deliver to the attention of:</InvoiceMessageLine>
    </InvoiceDetailLine>
    <InvoiceDetailLine>
        <LineAbbrev>M </LineAbbrev>
        <InvoiceMessageLine>Miles Standish, Parts Manager</InvoiceMessageLine>
    </InvoiceDetailLine>
</InvoiceDetailResponse>

```

Note that the InvoiceDetail response contains the part-specific and order-specific comments specified by the auto repair technician when the order was sent (albeit order-specific and part-specific comments are not differentiated from one-another in the InvoiceDetail response). However, the response does not contain part descriptions (unless the order request contained part descriptions as part-specific comments).

Error Handling

The B2Bbridge responds to error conditions that arise as it processes a request by responding to the request with an error response. A numeric code and textual description are used in the XML error response. The following table lists the logical error codes along with the currently defined error codes and descriptions.

Status Code	Status Message	Explanation
0		Request accepted and will be processed
1	Unknown StoreID	A URL for the store number in the request could not be found in the NAPA store database. Contact NAPA.
2	Store did not answer	Store's TAMS system could not be reached or did not respond within the allowable time range. Please retry and then if error continues, contact NAPA.
3	Error in data	The request was improperly formatted.
7	Error in data	The response from TAMS was improperly formatted.
8	Error on Gateway	Some internal error within the b2bBridge caused the request processing to fail. This is usually the cause of bad XML data in the request OR the fact that the TAMS system has encountered problems with its Receiver Application and needs to be restarted.
99	Various	<p>Status Code 99 errors are generated by the store's POS system. There are various Status Messages that can accompany a status code 99. Three of the more common status messages are:</p> <p>"NO REQUEST ID OF THAT TYPE FOUND" - an exception occurred while processing the request. One common cause of this error message is an invalid account/password in the request.</p> <p>"INCORRECT STORE NUMBER" - the store does not recognize the store number in the request. Contact NAPA if this happens.</p> <p>"No invoices found for <PO Number>" – there are no invoices for the specified PO number (PO Invoice response only)</p>

Examples of errors:

```
<?xml version="1.0" ?>
<PriceAvailabilityResponse StatusCode="3" StatusMessage="Error in data">
</PriceAvailabilityResponse>
```

```
<?xml version="1.0" ?> <InvoiceDetailResponse StatusCode="99"  
StatusMessage="NO REQUEST ID OF THAT TYPE FOUND">  
</InvoiceDetailResponse>
```

```
<?xml version="1.0" ?>  
<InvoiceDetailResponse StatusCode="2" StatusMessage="Store did not answer">  
</InvoiceDetailResponse>
```

```
<?xml version="1.0" ?>  
<InvoiceDetailResponse StatusCode="1" StatusMessage="Unknown StoreID">  
</InvoiceDetailResponse>
```

```
<?xml version="1.0" ?>  
<PriceAvailabilityResponse StatusCode="8" StatusMessage="Error on Gateway">  
</PriceAvailabilityResponse>
```