Countrywide EDI Integration Specification Document

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Document Control

Document location

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Author

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Revision history

Version	Issue date	Author/editor	Description/Summary of changes
3.0	26-7-2016	Ali Badr	Made it Generic for All contracts and added table for Charges/Incentives per each contract to be exchanged between CW and Member.
4.0	26-8-2016	Ali Badr	Added the CW NAV EDI Compliance
5.0	22-12-2016	Mayur Panchal	Added new XML and CSV changes and Spotless substitution
6.0	19-02-2019	Ali Badr	Added Stock on Hand Webservices

Document Control

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Introduction

This document outlines the requirements for Electronic Data Interchange (EDI) into the Countrywide Navision system.

Members who want to have EDI integration with Countrywide for National Contracts can choose to be half-EDI or full-EDI:

- **A half-EDI Member** will only receive the Orders via EDI and will then raise the invoices and credit notes in their own ERP, then duplicate the data manually into the Member portal.

- **A full-EDI Member** will have all Orders via EDI, as well as the data flowing back to Countrywide for Invoices and Credits. The Members will have their system send the invoice and credit data directly to NAV without any re-keying in a portal.

EDI Orders

EDI members will receive the orders in their chosen file format (either .csv or .xml) which they can then import it directly into their ERP system.

Each Member has an access login to a secure ftp site where they can download their orders with an automatic process and load them to the ERP folder for processing.

As mentioned above, there are only two file formats for EDI Orders that can be generated from Navision. The template along with a sample file will be sent to Members. Please check Appendix 1 and 2 for these two types of format for EDI orders.

Figure 1 – shows the current setup at CW, Members and the Contract Stores/Head office and the way that invoices and orders flow from one end to the other.
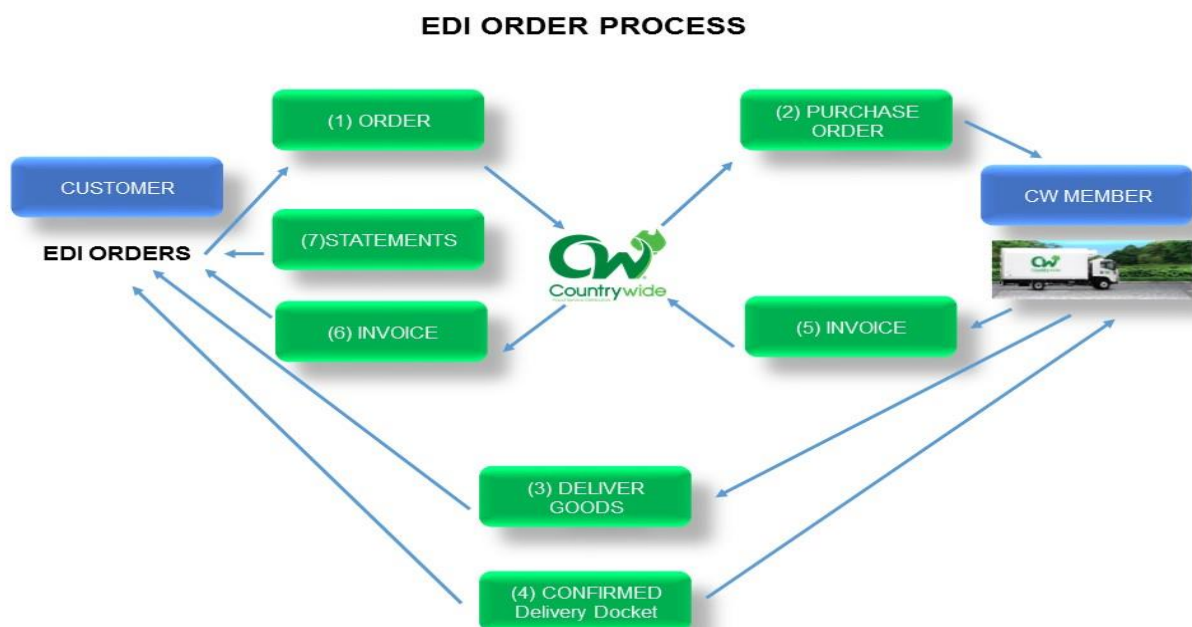
Important changes to be noted in EDI order.

Order Creation Time

Members need to be comply with order date and time passed in <CreationDate> as highlighted in below screen shot to fulfil spotless delivery.

In csv file the type order creation date is added at the last. The sample can be found below in the Appendix 2.

Delivery instruction and comments

Please note that Members need to be compliant with reading delivery instruction and any comments send in EDI file.

Below snap shots show how these information being passed in XML file.
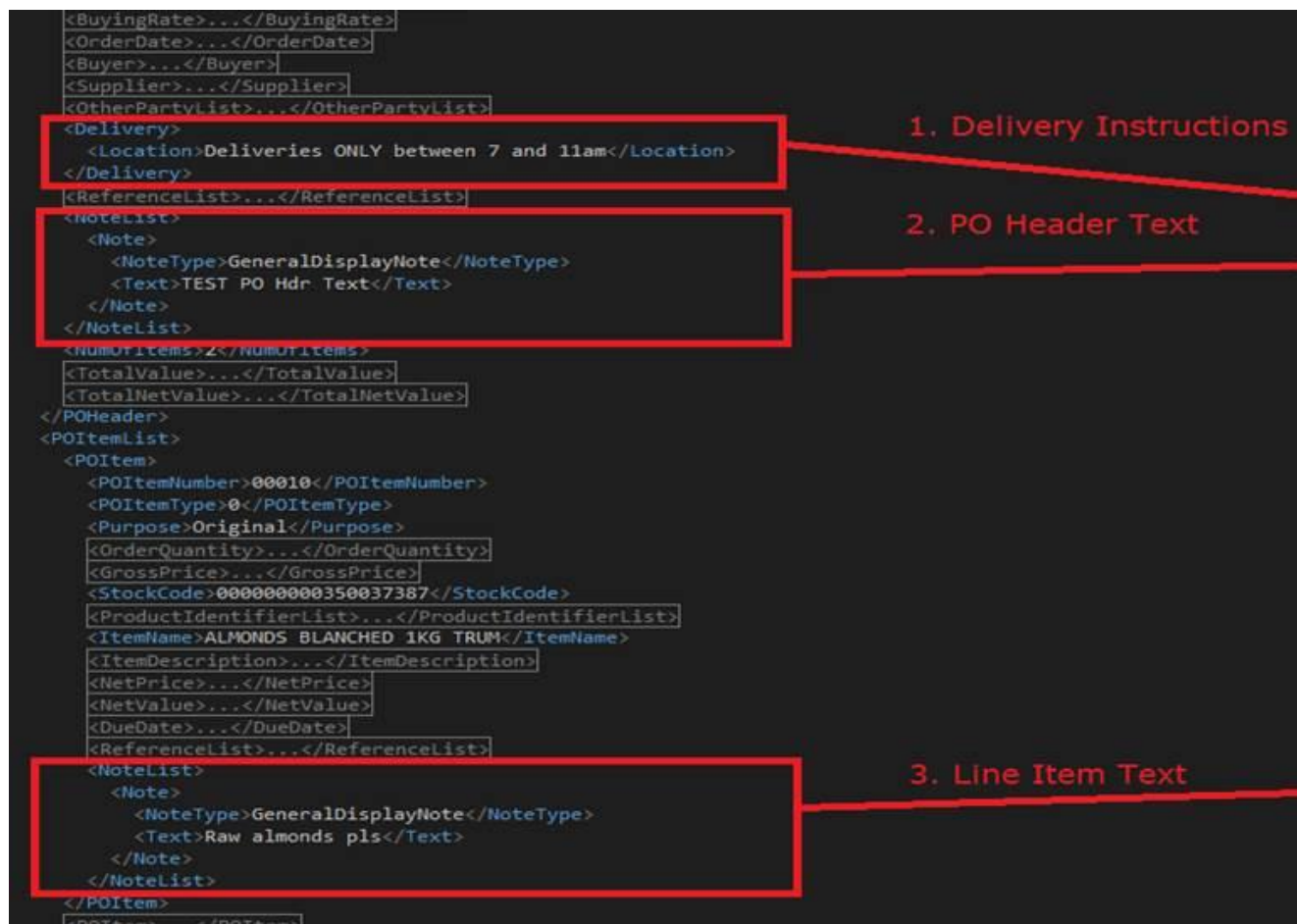
Below is CSV file format with new columns highlighted in blue colour.

Customer ID	Ship To Name	Ship To Address	Ship To Address 2	Ship To City	Ship To County
20504	SUBWAY DARWIN	SHOP 10 14 KNUCKNEY STREET		DARWIN	NT
20504	SUBWAY DARWIN	SHOP 10 14 KNUCKNEY STREET		DARWIN	NT
20504	SUBWAY DARWIN	SHOP 10 14 KNUCKNEY STREET		DARWIN	NT

Ship To Post Code	Ship to Country/Region Code	Ship To Contact	EDI Order ID	Line No	EDI Line No
800	AU	MICHAEL HODGES	SUBBDTEST05	10000	10000
800	AU	MICHAEL HODGES	SUBBDTEST05	20000	20000
800	AU	MICHAEL HODGES	SUBBDTEST05	30000	30000

Item Cross Reference No	Description	Quantity	UOM	Unit Cost
SWAY10031	FLAT BREAD 6X10PC *TEST*	5	CTN	150
SWAY10062	*TEST* SAUCE TOMATO 3X4LT	30	CTN	175
CW1008E	CLING WRAP FILM PVC ZIP SAFE 45X600 DISPX1	10	INNER	17.22

Order Date	Request Receipt Date	Amount	GST%	Amount Including GST
2/12/2016		750	0	750
2/12/2016		5250	0	5250
2/12/2016		172.2	10	189.42

POItemType	Header Comments	Line Comments	Delivery Instruction
	Header text	Line Text1	This is test delivery instruction
	Header text	Line Text2	This is test delivery instruction
Store Allocation	Header text	Line Text3	This is test delivery instruction

EDI Invoices and Credit-Notes

The decision to be EDI for Invoices and Credit is that of each Member, as well as the expenses incurred are for each member.

Members who chose to not be full EDI can manually key in their invoices and credits into the Member Portal.

Please note that Members cannot send the invoices via EDI and then raise credit-notes from the Member Portal. These are like files (both incoming to Countrywide) and the process must be the same for each Member.

Full EDI means invoices and credit-notes have to be either in XML or CSV format and they should match the template provided to Members.

Invoices and credit-notes that are not matching the requirements and have a different format that what has been requested, will be rejected by the Navision system immediately. See Error Notification on Page 7.

XML & CSV format for both invoices and credit-notes follow in this document. Please see the Appendix 3 to 6 for the sample file formats for EDI invoices and credit-notes.

Invoices and credit-notes will be generated in the Member's ERP system and then they have to automatically upload them to the same secure FTP site where they will have picked up with a scheduled job (at CW server) and will be moved to Navision to be processed.

Credit Note Reason Codes

Below are the reason codes that MUST be used by Members for credits:

CODE	REASON
100	DAMAGED STOCK
101	KEYING ERROR
102	DELIVERY ERROR
103	PICKING ERROR
104	NOT ON TRUCK
105	DATE STOCK ISSUES
106	PRICING ERROR
107	PRODUCT QUALITY ISSUE
108	WRONG ITEM ORDERED BY STORE

Substitutions Reason Codes

Below are the substitute reason codes that MUST be used by Members for Spotless invoices if any order item is substituted:

CODE	SUB REASON
1	NOT A SUBSTITUTE - INCLUDES EXCEPTION ORDERS
2	NOT ON DEPOT SPLIT LIST - NOT STOCKED
3	SITE ORDERED WRONG PRODUCT - MEMBER CHANGED BASED ON THE SITE'S REGULAR REQUIREMENT
4	MEMBER OOS, SUBSTITUTED ANOTHER PRODUCT
5	NOT IN STOCK DUE TO MANUFACTURER OOS/SHORT SUPPLY/LATE SUPPLY/DELETED
6	LOW VOLUME PRODUCT; SUBSTITUTED STOCK ALTERNATIVE
7	LOCAL RESTRICTION (E.G. RICE IN MURRAY REGION)
8	PRODUCT RATIONALISATION TRANSITION PHASE

Contract Codes Used For EDI Transmission

Contract	Type	Code	Description	Part of EDI File?	Code Can be added to Member Invoice?	Code Can be added to Member Credit?
PIEFACE	Charge	MOVNA	Minimum Order Value Not Achieved	Yes	Yes	Yes
	Charge	CWUSERPAY	CW User Pay	Yes	No	No
	Charge	UNSWK	Unscheduled Week Day Delivery	Yes	Yes	Yes
	Charge	UNSWE	Unscheduled Weekend Delivery	Yes	Yes	Yes
SUBWAY	Charge	SWCC	Case Rate	Yes	No	No
	Charge	SWBC	Broken Case Rate	Yes	No	No
	Incentive	SWIMQ	Minimum Order Qty Incentive	Yes	No	No
	Incentive	SWIOO	Online Order Incentive	Yes	No	No
	Charge	UNSWK	Unscheduled Week Day Delivery	Yes	Yes	Yes
	Charge	UNSWE	Unscheduled Weekend Delivery	Yes	Yes	Yes
GYG	Charge	GYGCC	Case Rate	Yes	No	No
	Charge	GYGBC	Broken Case Rate	Yes	No	No
	Incentive	GYGIMQ	Min. Order Quantity Incentive	Yes	No	No
	Charge	UNSWK	Unscheduled Week Day Delivery	Yes	Yes	Yes
	Charge	UNSWE	Unscheduled Weekend Delivery	Yes	Yes	Yes

Countrywide Navision EDI Compliance

The following are a series of Member errors on INVOICES and CREDIT that are unacceptable to our System and will cause them to FAIL.

- Submitting files with an error in format

- Blanking the PO number

- Incorrect coding on invoices

- Mixing up line numbers on invoices

- Adding new lines onto invoices (Excluding Spotless)

- Deleting lines from invoices

- Cancelling PO's then invoicing them

- Sending duplicate invoices for the 1 PO (ie, back orders)

- Blank invoice number on credits

- Blank invoice number on credits

- Not forwarding credit notes in a timely manner

- Crediting 0 for qty

- Incorrect or blank reason codes on credits

- Incorrect line number on credits

- Late posted invoices with old invoice dates

- Invoicing substituted products (Excluding Spotless)

- Do not send Non-Inventory Items in the invoice file, the only exceptions to this rule are UNSWK, UNSWE and MOVNA

Error Notification

An error report will be created and invoices and credits in error will be reviewed. If an invoice or credit is rejected by Navision, a notification will be sent to the Member.

It is the Members responsibility to rectify the errors in the file. If it takes a Member several attempts to re-submit a correct invoice (or credit) the date applied to the tax invoice needs to be from when it is successful, not when it was first generated from your ERP.

Compliance to EDI data requirements will avoid delays in invoicing, credits and subsequent payments by Franchisees, which will ensure a smooth cash flow process in the business.

Stock on Hand Reports

- XML Format Only. Refer Page 32, Appendix 7.

XML Tag	Description	Datatype	Value
MemberId	CW Member ID	String	14XXXX
ContractCode	CW Contract Code	String	CC202
DocumentType	Identifies the document is a stock on hand report	String	SOH
DocumentNo	• Only One SOH Report Per Contract Per Hour for each CW Contracts Members • **Format:** **Member Code-SW-DDMMYY-5PM**	String	14XXXX-SW-19022019-5PM
LineNo	Line No of the Document.	Integer	1
Date	• Must be current date or else will be rejected. • **Format: DD/MM/YYYY**	String	19/02/2019
ItemNo	CW Contract Product Code	String	SW10003
SalesUOM	Unit of Measure	String	CTN
ETADeliveryDate	Expected Delivery Date	String	30/02/2019
Comments	Comments	String	Call warehouse
StockOnHandQuantity	Stock On hand Quantity	String	123.00
StockOnOrderQuantity	Stock On Order Quantity	String	122.00

- C#.NET Windows application and documentation to be provide to DC Member on how to consume the Stock On Hand web service.

Appendix 1 – XML File Format for EDI Orders

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</DiscountSurcharge>
</DiscountSurchargeList>
<SettlementDiscountList>
        <SettlementDiscount>
                <Sequence/>
                <Description/>
                <Percentage>
                        <Number>
                                <Value/>
                                <NumOfDec/>
                                <Sign/>
                        </Number>
                </Percentage>
                <NumOfDays/>
        </SettlementDiscount>
</SettlementDiscountList>
</POTerms>
<NetPrice>
        <MonetaryValue>
                <Number>
                        <Value>4494</Value>
                        <NumOfDec>2</NumOfDec>
                        <Sign>+</Sign>
                </Number>
                <CurrencyCode>
                        <CurrencyISO/>
                </CurrencyCode>
        </MonetaryValue>
</NetPrice>
<NetValue>
        <MonetaryValue>
                <Number>
                        <Value>107856</Value>
                        <NumOfDec>2</NumOfDec>
                        <Sign>+</Sign>
                </Number>
                <CurrencyCode>
                        <CurrencyISO/>
                </CurrencyCode>
        </MonetaryValue>
</NetValue>
<NetPriceIncludingTax>
        <MonetaryValue>
                <Number>
                        <Value>4494</Value>
                        <NumOfDec>2</NumOfDec>
                        <Sign>+</Sign>
                </Number>
                <CurrencyCode>
                        <CurrencyISO/>
                </CurrencyCode>
        </MonetaryValue>
```

```xml
							</NetPriceIncludingTax>
							<NetValueIncludingTax>
								<MonetaryValue>
									<Number>
										<Value>107856</Value>
										<NumOfDec>2</NumOfDec>
										<Sign>+</Sign>
									</Number>
									<CurrencyCode>
										<CurrencyISO/>
									</CurrencyCode>
								</MonetaryValue>
							</NetValueIncludingTax>
							<DueDate>
								<DateTime>
									<Year>2016</Year>
									<Month>12</Month>
									<Day>20</Day>
									<TimeZone/>
								</DateTime>
							</DueDate>
							<ReferenceList>
								<Reference>
									<Identifier/>
									<AssignedBy/>
									<ReferenceType/>
									<Description/>
								</Reference>
							</ReferenceList>
							<NoteList>
								<Note>
									<NoteType>LineText</NoteType>
									<Text/>
								</Note>
							</NoteList>
						</POItem>
					</POItemList>
				</PurchaseOrderDetail>
			</DataArea>
		</PurchaseOrder_001>
```

Appendix 2 – CSV File Format for EDI Orders

MemberId	SiteId	Ship-ToName	Ship-ToAddress	Ship-ToAddress2	Ship-ToCity	Ship-ToState
12345	SUB123	CONTRACT1 ABC	110 Church Street	110 Church Street	Parramatta	NSW
12345	SUB123	CONTRACT1 ABC	110 Church Street	110 Church Street	Parramatta	NSW

Ship-ToPostCode	Ship-ToCountry	Ship-ToContact	OrderNo	NavLineNo	CustLineNo	ItemNo
2150	Australia	Peter White	B1325253	1	1	CON0001
2150	Australia	Peter White	B1325253	2	2	CON0002

Description	Quantity	UnitOfMeasure	UnitPrice	OrderDate	ReqReceiptDate
ITEM 1	12	EACH	1.25	12/12/2013 0:00	12/12/2013 0:00
ITEM 2	10	EACH	25.30	12/12/2013 0:00	12/12/2013 0:00

LineAmount	GST%	GrossLineAmt
15	0.00	15
253	10.00	278.3

POItemType	Header Comments	Line Comments	Delivery Instruction	Order Time
	Header text	Line Text2	This is test delivery instruction	4:28:36 PM
Store Allocation	Header text	Line Text3	This is test delivery instruction	4:28:36 PM

Appendix 3 – XML File Format for EDI Invoices

. <?xml version="1.0" encoding="utf-8"?>

<InvoiceRequest timestamp="2015-06-25T00:00:00+10:00">

        <Header>

            <From>

                <Credential domain="SupplierID">

                    <Identity>13CADEL</Identity>

                </Credential>

                <Credential domain="SupplierName">

                    <Identity>Cadell Echuca - CONTRACT1</Identity>

                </Credential>

                <Credential domain="SupplierEmail">

                    <Identity>accounts@cadelltrading.com</Identity>

                </Credential>

            </From>

            <To>

                <Credential domain="CONTRACT2BranchID">

                    <Identity>SUBMARY</Identity>

                </Credential>

                <Credential domain="CONTRACT2BranchName">

                    <Identity>CONTRACT1 MARYBOROUGH HIGH ST</Identity>

                </Credential>

            </To>

        </Header>

        <Detail>

            <InvoiceDetail>

                <InvoiceDetailHeader invoiceID="5521364" invoiceDate="2015-06-25T00:00:00+10:00">

                    <InvoicePartner>

                        <Contact role="issuerOfInvoice">

                            <Name lang="en">CONTRACT1 MARYBOROUGH HIGH ST</Name>

                            <PostalAddress>

```xml
                                        <DeliverTo>CONTRACT1 MARYBOROUGH HIGH
ST</DeliverTo>

                                        <Street>167 HIGH STREET</Street>

                                        <City>MARYBOROUGH</City>

                                        <State>VIC</State>

                                        <PostalCode>3465</PostalCode>

                                        <Country>AUSTRALIA</Country>

                                    </PostalAddress>

                                </Contact>

                            </InvoicePartner>

                            <InvoicePartner>

                                <Contact role="remitTo">

                                    <Name lang="en">Cadell Echuca - CONTRACT1</Name>

                                </Contact>

                            </InvoicePartner>

                            <InvoiceDetailShipping>

                                <Contact role="ShipTo">

                                    <Name lang="en">CONTRACT1 MARYBOROUGH HIGH
ST</Name>

                                    <PostalAddress>

                                        <DeliverTo>CONTRACT1 MARYBOROUGH HIGH
ST</DeliverTo>

                                        <Street>167 HIGH STREET</Street>

                                        <City>VIC</City>

                                        <State>3465</State>

                                        <PostalCode>Australia</PostalCode>

                                        <Country />

                                    </PostalAddress>

                                </Contact>

                            </InvoiceDetailShipping>

                        </InvoiceDetailHeader>

                        <InvoiceDetailOrder>

                            <InvoiceDetailOrderInfo>

                                <OrderIDInfo orderID="MB0007307" />
```

```
                    </InvoiceDetailOrderInfo>
                    <InvoiceDetailItem invoiceLineNumber="2.00" quantity="1.0000">
                            <UnitOfMeasure>CTN</UnitOfMeasure>
                            <UnitPrice>
                                    <Money currency="AUD">132.0000</Money>
                            </UnitPrice>
                            <InvoiceDetailItemReference lineNumber="10000.0000">
                                    <ItemID>
                                            <SupplierPartID>CON10193</SupplierPartID>
                                    </ItemID>
                                    <Description lang="en">CHICKEN SCHNITZEL GOLDEN HERB
8X1.5KG</Description>
                            </InvoiceDetailItemReference>
                            <SubtotalAmount>
                                    <Money currency="AUD">132.00000000</Money>
                            </SubtotalAmount>
                            <Tax>
                                    <Money currency="AUD">0.00</Money>
                                    <Description>GST</Description>
                                    <TaxDetail category="GST" purpose="tax" percentageRate="0">
                                            <TaxAmount>
                                                    <Money currency="AUD">0.00</Money>
                                            </TaxAmount>
                                    </TaxDetail>
                            </Tax>
                            <GrossAmount>
                                    <Money currency="AUD">132.00</Money>
                            </GrossAmount>
                            <NetAmount>
                                    <Money currency="AUD">132.00</Money>
                            </NetAmount>
                    </InvoiceDetailItem>
            </InvoiceDetailOrder>
```

```
<InvoiceDetailSummary>

        <SubtotalAmount>

                <Money currency="AUD">135.75</Money>

        </SubtotalAmount>

        <Tax>

                <Money currency="AUD">0.38</Money>

                <Description lang="en">Total Tax</Description>

        </Tax>

        <NetAmount>

                <Money currency="AUD">136.13</Money>

        </NetAmount>

        <DueAmount>

                <Money currency="AUD">136.13</Money>

        </DueAmount>

</InvoiceDetailSummary>

    </InvoiceDetail>

</Detail>

</InvoiceRequest>
```

Appendix 4 – CSV File Format for EDI Invoices

MemberID	MemberName	MemberEmail	SiteID	SiteBranchName	InvoiceId	InvoiceDate	OrderNo
27263	Member 1	member@abc.com	L542	CONTRACT2 1	AB-12365	12/12/2013	B1325253
27263	Member 1	member@abc.com	L542	CONTRACT2 1	AB-12365	12/12/2013	B1325253

OrderDate	InvoiceLineNumber	NAVLineNo	Quantity	UOM	UnitPrice	ItemNo	ItemDescription
12/12/2013	1	1	12.00	EACH	1.25	CON0001	ITEM 1
12/12/2013	3	2	10.00	EACH	25.3	CON0002	ITEM 2

Manufacturer	Brand	SubTotalAmount	Tax %	NetAmount	GrossAmount	Subs_NavLineNo
		15.00	0.00	15.00	15.00	
		253.00	10.00	278.30	253.00	

Subs_ReasonCode	Subs_Reason Description	PostingDate

Appendix 5 – XML File Format for EDI Credit-Notes

```xml
<?xml version="1.0" encoding="utf-8"?>

<CreditRequest timestamp="2015-06-25T00:00:00+10:00">

        <Header>

                <From>

                        <Credential domain="SupplierID">

                                <Identity>13CADEL</Identity>

                        </Credential>

                        <Credential domain="SupplierName">

                                <Identity>Cadell Echuca - CONTRACT1</Identity>

                        </Credential>

                        <Credential domain="SupplierEmail">

                                <Identity>accounts@cadelltrading.com</Identity>

                        </Credential>

                </From>

                <To>

                        <Credential domain="CONTRACT2BranchID">

                                <Identity>SUBMARY</Identity>

                        </Credential>

                        <Credential domain="CONTRACT2BranchName">

                                <Identity>CONTRACT1 MARYBOROUGH HIGH ST</Identity>

                        </Credential>

                </To>

                <Reason Code="6">

                        <Description>Item Unacceptable - QA</Description>

                </Reason>

        </Header>

        <Detail>

                <CreditNote creditId="646167">

                        <InvoiceDetailInfo invoiceID="5519291" invoiceDate="2015-06-18T00:00:00+10:00"
orderID="WS116053">
```

```xml
<InvoiceItems>

    <Item>

        <ItemID>CON10059</ItemID>

        <Description>BREAD WHITE 85X160GM</Description>

        <InvoiceLineNumber>18.0000</InvoiceLineNumber>

        <UnitOfMeasure>CTN</UnitOfMeasure>

        <InvoiceQty>10.0000</InvoiceQty>

        <ReceiptVarianceQty>1.0000</ReceiptVarianceQty>

        <AdjustmentExcludingTax>

            <Money currency="AUD">20.80</Money>

        </AdjustmentExcludingTax>

        <AdjustmentTax>

            <Money currency="AUD">0.00</Money>

        </AdjustmentTax>

        <Adjustment>

            <Money currency="AUD">20.80</Money>

        </Adjustment>

    </Item>

</InvoiceItems>

            </InvoiceDetailInfo>

        </CreditNote>

    </Detail>

</CreditRequest>
```

Appendix 6 – CSV File Format for EDI Credit-Notes

SupplierID	SupplierName	SupplierEmail	CONTRACT2BranchID	CONTRACT2BranchName	ReasonCode	CreditID
27263	Member 1	member@abc.com	L542	CONTRACT2 1	103	65266
27263	Member 1	member@abc.com	L542	CONTRACT2 1	103	65266

CreditDate	OrderID	InvoiceID	ItemID	ItemDescription	InvoiceLineNumber	UnitOfMeasure
13/12/2013	B1325253	AB-12365	CON0001	ITEM 1	1	EACH
13/12/2013	B1325253	AB-12365	CON0002	ITEM 2	2	EACH

InvoiceQty	ReceiptVarianceQty	Invoice_Adjustment_Excluding_Tax_Amt	Invoice_Adjustment_Tax_Amt
12	-12	-15	0
10	-10	-227.7	-25.3

Appendix 7 – XML File Format for Stock on Hand Reports.

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<SOH_Report xmlns="urn:microsoft-dynamics-nav/xmlports/x50209">

 <SOH_Line>

  <MemberId>14MEMBERID</MemberId>

  <ContractCode>CC2022</ContractCode>

  <DocumentType>SOH</DocumentType>

  <DocumentNo>14MEMBERID-SW-19022019-5PM</DocumentNo>

  <LineNo>1</LineNo>

  <Date>19/02/2019</Date>

  <ItemNo>SW10003</ItemNo>

```
    <SalesUOM>CTN</SalesUOM>

    <ETADeliveryDate>30/02/2019</ETADeliveryDate>

    <Comments>This is a Line No.1</Comments>

    <StockOnHandQuantity>99</StockOnHandQuantity>

    <StockOnOrderQuantity>100</StockOnOrderQuantity>

  </SOH_Line>

  <SOH_Line>

    <MemberId>14MEMBERID</MemberId>

    <ContractCode>CC2022</ContractCode>

    <DocumentType>SOH</DocumentType>

    <DocumentNo>14MEMBERID-SW-03022019-5PM</DocumentNo>

    <LineNo>2</LineNo>

    <Date>03/02/2019</Date>

    <ItemNo>SW10003</ItemNo>

    <SalesUOM>CTN</SalesUOM>

    <ETADeliveryDate>04/02/2019</ETADeliveryDate>

    <Comments>This is a Line No.2</Comments>

    <StockOnHandQuantity>55.00</StockOnHandQuantity>

    <StockOnOrderQuantity>123.00</StockOnOrderQuantity>

  </SOH_Line>

  <SOH_Line>

    <MemberId>14MEMBERID</MemberId>

    <ContractCode>CC2022</ContractCode>

    <DocumentType>SOH</DocumentType>

    <DocumentNo>14MEMBERID-SW-03022019-5PM</DocumentNo>

    <LineNo>3</LineNo>

    <Date>03/02/2019</Date>

    <ItemNo>SW10003</ItemNo>

    <SalesUOM>CTN</SalesUOM>

    <ETADeliveryDate>04/02/2019</ETADeliveryDate>

    <Comments>This is a Line No.3</Comments>
```

```
    <StockOnHandQuantity>112.00</StockOnHandQuantity>

    <StockOnOrderQuantity>113.00</StockOnOrderQuantity>

  </SOH_Line>

</SOH_Report>
```