Digital Service Providers Australia New Zealand

Consistent Data Mapping Focus Group - Meeting 6, 12 May 2022



Today's Agenda

- 1. Acknowledgement of Country / Introduction (5 mins)
- 2. Discussion on mapping examples (40 mins)
 - Organisational specific customer identifiers
 - Party ID
 - Unit of Measure
 - Usage details
 - Any other items
- 3. Review draft outcomes for closed mapping topics (30 mins)
- 4. Next steps and wrap up (10 mins)
- 5. Meeting close



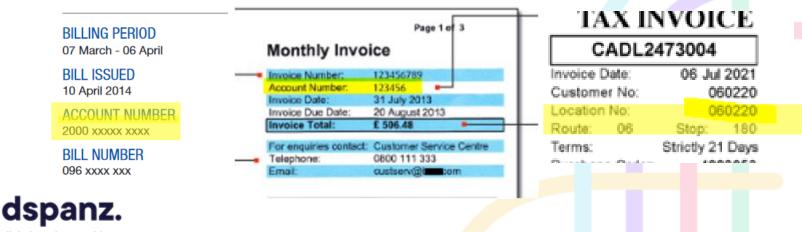
Consistent Data Mapping Issues

- Issue 1. Base Quantity is greater that invoiced Quantity
- Issue 2. Incorrect approach to GST
- Issue 3. Attachment File Name
- Issue 4. Various data elements:
 - O Issue 4.1. Organisational specific customer identifiers
 - O Issue 4.2. Non-Financial Delivery Information
 - O Issue 4.3. Freight/delivery charges
 - O Issue 4.4. Calculated Quantities
 - O Issue 4.5. Asset/equipment identifiers
 - O Issue 4.6. Additional data supporting payment of this invoice (e.g. Timesheets, usage)
 - O Issue 4.7. Additional data influencing customer purchasing decisions (e.g. trend data)
- Issue 5. Order Reference, Buyer Reference and default value
- For Clarification 1: GST only invoices (Adjustment notes)
- For clarification 2: Party Identifications in a Peppol elnvoice

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Issue 4.1. – Organisational specific customer identifiers

Customer Account:	Customer PO:	Invoice Date:	Payment Terms:	Page:
		01.11.2021	Net 30 Days	1 of 1
BD Sales Document: 500 Drop Ship Reference: Contact: Name			me	
BD Delivery: 602	Delivery: 602 Mode of shipment: Truck FTL			CREEK NSW 2178
Carrier Reference :	Carrier:	PTY LTD		DP PER BD ERMS & ONDITIONS



Issue 4.1 – Use cases and data requirements

- Use case
 - 1. A client (buyer) has multiple accounts with the supplier, e.g. for multiple business units/cost centres
 - 2. A client (buyer) has multiple service sites with the supplier, e.g. for different office locations / construction sites
 - 3. A client (buyer) purchases different types of products / services
- Information usage
 - 1. Buyer to identify the business owner of the account for approval;
 - 2. Buyer to match the invoice against the contract for this account;
 - 3. Buyer to book the amount in the right cost centre
 - 4. Buyer to account the invoice in the right chart of accounts
 - 5. Seller to reconcile payment using the client number *Seller may include client number as a customer reference number in the invoice payment section, and require the buyer use as reference when making payments.*



Issue 4.1. – Organisational specific customer identifiers

Assumption: most sellers do not know how buyers use the information

For client numbers, account numbers, membership numbers, trading number etc.:

```
<!--Option 2-->
<cbc:BuyerReference>123abc</cbc:BuyerReference>
```

<!--Option 3--> <!--Seller may require the identifier for payment reconciliation-->

<cac:PaymentMeans>
 <cbc:PaymentMeansCode name="Credit
transfer">30</cbc:PaymentMeansCode>
 <cbc:PaymentID>123abc</cbc:PaymentID>
 <cac:PayeeFinancialAccount>
 <!-codes omitted for clarity->
 </cac:PayeeFinancialAccount>
 </cac:PayeeFinancialAccount>
 </cac:PaymentMeans>

For location IDs, e.g. for a construction site, office/service location, where the goods /services have been delivered to and the address is different from the billing address

<cac:DeliveryLocation>
 <cbc:ID>Location123</cbc:ID><!--scheme ID can be
provided if applicable-->
</cac:DeliveryLocation>



Issue 4.2. – Non-Financial Delivery Information (Completed)

CONDITIONS

Customer Account:	Customer PO:	Invoice Date:	Paymen	t Terms:	Page:
		01.11.2021	Net 30) Days	1 of 1
BD Sales Document: 500	Drop Ship Reference:			Contact: Nam	e
BD Delivery: 602	Mode of shipment: Truck	FTL		Shipped From:	CREEK SW 2178
Carrier Reference :	Carrier:	PTY LTD		Freight Terms: DD TE	P PER BD RMS &

<cbc:ID>1234567890</cbc:ID> <!-Invoice number-> <cbc:IssueDate>2021-11-01</cbc:IssueDate> <cbc:DueDate>2021-12-01</cbc:DueDate> <cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode> <!-Delivery and tracking information are included in the free text field-> <cbc:Note>Carrier: ABC Pty Ltd; Mode: Truck FTL; Freight Terms: DDP PER BD Terms and Conditions; Shipped from: ABC Creek NSW 2178; Contact: John Smith</cbc:Note>



Issue 4.3. – Freight/delivery charges (Completed)

Invoice level freight	Comment: Code Rate GST Sale Amount. \$197.50 GST 10% \$22.25 \$22.50 Freight: \$25.00 GST \$22.25 GST 10% \$22.25 \$22.50 Total Amount.: \$24.4.75 Paid Today: \$0.00 \$0.00 \$0.00 \$24.75	-Freight as invoice level charge- <cac:allowancecharge> <cbc:chargeindicator>true</cbc:chargeindicator> <cbc:allowancechargereasoncode>FC</cbc:allowancechargereasoncode> <cbc:taxcategory> <cbc:id><</cbc:id> <cbc:id>10/<cbc:percent> <cac:taxscheme> <cbc:id>SCY/cbc:ID> </cbc:id></cac:taxscheme> </cbc:percent></cbc:id></cbc:taxcategory></cac:allowancecharge>
Invoice level freight as an invoice line	CODE DESCRIPTION UMIT AMOUNT 210556 Item tame X 5 LITRE 2.00 41.27 82.53 980003 FREIGHT CHARGE - MEDICAL 1.00 32.00 32.00	-Freight as an invoice line- <cac:invoiceline> <cbc:id></cbc:id> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:invoicecode <cbc:id>S</cbc:id> <cbc:id>S</cbc:id> <cbc:id>S</cbc:id> <cbc:id>S</cbc:id> <cbc:id>Code:ID> </cbc:id></cbc:invoicecode </cac:invoiceline>
Freight for an line item	GLIN CUS IOMER PRODUCT SHIPPED SOLD PROCES NON TAX 20 1000028 V-2 Reagents 10.000 EA 708.72 7,987.20 T 20 1000028 EAch Namber: Each County of the 25.01.2022 T T T 20 10.004 EAch Namber: Each Namber: T T T 20 10.004 EAST 10.004 EAST T T 20 GST EAST SUBTOTAL 10.004 EAST EAST T 20 GST SUBTOTAL EAST SUBTOTAL EAST SUBTOTAL EAST SUBTOTAL EAST SUBTOTAL EAST SUBTOTAL 20 GRAND TOTAL EAST SUBTOTAL EAST SUBTOTAL	-Freight for an invoice line- <cac:invoiceline> <cbc:id>1</cbc:id> <!---codes omitted for clarity---> <cac:allowancecharge> <cbc:chargeindicator>true</cbc:chargeindicator> <cbc:allowancechargereasoncode>FC</cbc:allowancechargereasoncode> <cbc:amount currencyid="AUD">68.36</cbc:amount> </cac:allowancecharge></cac:invoiceline>

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Issue 4.3.1 – Discounts (Completed)

Similarly, discounts (e.g. of \$50) can be applied for the entire invoice, or only for an invoice line. Mapping of discount information is similar to (freight) charges. Note: item prices may also have discount. This is used to calculate the net item price only.	Discount only for an invoice line <cac:invoiceline> </cac:invoiceline>
Discount at invoice level <cac:allowancecharge> <cbc:chargeindicator>false</cbc:chargeindicator> <cbc:allowancechargereasoncode>95</cbc:allowancechargereasoncode> <cbc:allowancechargereason>Discount</cbc:allowancechargereason> <cbc:taxcategory> <cbc:id>S</cbc:id> <cbc:id>S <cac:taxscheme> <cbc:id>GST</cbc:id> </cac:taxscheme> </cbc:id></cbc:taxcategory></cac:allowancecharge>	Discount at invoice level as an invoice line <ac:invoiceline> <cbc:id>1</cbc:id> <cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity> <cbc:lineextensionamount currencyid="AUD">50.00</cbc:lineextensionamount> <cac:item> <cac:item> <cac:classifiedtaxcategory> <cbc:d>S10 <cac:taxscheme> </cac:taxscheme> </cbc:d></cac:classifiedtaxcategory> </cac:item> <cac:frice> <cbc:priceamount currencyid="AUD">50.00</cbc:priceamount></cac:frice></cac:item></ac:invoiceline>

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Issue 4.4 – Calculated Quantity (Completed)

Open	Close	Meter M	inimum	Rate	Ex GST
	Contact:	JESS GILL			
	Phone:	04 33448827			
	Location:	CONSUMER & BUSI	NESS SERVICI	ES GROUND	
		FLOOR, 91-97 GREP	NFELL STREET	ADELAIDE SA	
193167	193802	635	-	\$0.00592	3.75
34835	35024	189	-	\$0.05922	11.19

<!--Option1: use Item Description field--> <cac:InvoiceLine>

- <cbc:ID>1</cbc:ID>
- <cbc:InvoicedQuantity
- unitCode="EA">635</cbc:InvoicedQuantity>
- <cbc:InvoicedQuantity
- unitCode="EA">635</cbc:InvoicedQuantity>
- <cbc:LineExtensionAmount

currencyID="AUD">3.75</cbc:LineExtensionAmount>
<cac:Item>

<cbc:Description>Open reading: 93167; Close
reading:103802</cbc:Description>
<!-codes omitted for clarity->
</cac:Item>

<cac:Price> <cbc:PriceAmount currencyID="AUD">0.00592</cbc:PriceAmount> </cac:Price>

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digital service providers australia new zealand <u>Scenario</u>: In some cases, invoiced quantity is determined by calculation based on multiple parameters, e.g. open and close meter reading; number of hired items x duration.

Questions for discussion (consider both SME & LRG impacts):

- Do C4 require detailed calculation of quantity?
- What options are available for C1 software solutions? What is the alternative option if C1's solution cannot support the data?
- · Can C4 software solutions receive /display these fields?

Option 2: use AdditionalItemProperty
<cac:invoiceline></cac:invoiceline>
<cbc:id>1</cbc:id>
<cbc:invoicedquantity unitcode="EA">635</cbc:invoicedquantity>
codes omitted for clarity
<cac:item></cac:item>
<cbc:name>Discount</cbc:name>
codes omitted for clarity
<cac:additionalitemproperty></cac:additionalitemproperty>
<pre><cbc:name>Open reading</cbc:name></pre>
<cbc:value>193167</cbc:value>
<cac:additionalitemproperty></cac:additionalitemproperty>
<pre><cbc:name>Close reading</cbc:name></pre>
<cbc:value>193802</cbc:value>
codes omitted for clarity
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Issue 4.5 – Asset/equipment identifiers (Completed)

GST

Meter Transaction Reference Contract :	Period T890999 283200	
Serial / Model :	X685P801197 / \$PC440DN	
B&W TOTAL COLOUR TOTAL	July 2021 July 2021 Quantity UoM	
10 Item number 12345678 Item name Replacement EAN: 123456789012	1 PCE	Net amount GST (10%) Amount incl.

Scenario 1: Invoiced object identifier

- An invoice may contain <u>multiple items for the same equipment</u>, e.g. the invoiced items are black/white toners and colour toners for a printer
- The printer's serial number and model number are shown on the invoice.

Scenario 2: Item identifiers for an invoice line

- Goods (sometimes services) maybe assigned with specific identification/classification numbers.
- This could be assigned by a seller or by a buyers, or use a commercial/common scheme (e.g. GTIN or EAN number).

Questions for discussion

- Do SMEs need to provide this level of detail to a large buyer?
- What options are available for C1 software solutions? What is the alternative option if C1's solution cannot support the data?
- Can C4 software solutions receive /display these fields?

Issue 4.5 – Asset/equipment identifiers (Completed)

Scenario 1	- invoice level ob	oject identifier	Comments
Option 1	Invoice Object Identifier	<pre><cac:additionaldocumentreference> <cbc:id>X685P801197</cbc:id> <cbc:documenttypecode>130</cbc:documenttypecode></cac:additionaldocumentreference></pre>	Peppol has a specific solution to use "130" as Document Type Code, which indicates that th ID is to reference the invoiced "object".
Option 2	Free text field	<cbc:note>Serial number is X685P801197</cbc:note>	Alternatively, seller may choose to include the in the free text field, which highly likely require manual effort if C4 requires the information.
Scenario 2	– line level itemio	dentifier	
Option 1	Item identification	<pre><cac:buyersitemidentification> Same for</cac:buyersitemidentification></pre>	Peppol supports specifying seller-assigned, or buyer-assigned item identifiers (<i>cac:SellersItemIdentifiation and</i> <i>cac:BuyersItemIdentification</i>) Peppol also supports using a commercial standard for item identification (<i>cac:StandardItemIdentification</i> , where schemeID must be included. 0160 = GTIN)
Option 2	Item Name or Description	<pre><cac:item> <cbc:description>Serial number is X685P801197 <cbc:name>X685P801197</cbc:name></cbc:description></cac:item></pre>	
Option 3	Free text field	<cac:invoiceline> <cbc:id>1</cbc:id> <cbc:note>Serial number is X685P801197</cbc:note></cac:invoiceline>	
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Issue 4.6 – Usage details

Option 1

An invoice shows the charge for each service as an invoice line.

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3 SERVICE LEVEL SUMMARY

Line Rental / Network Access	100.00
Local Calls	308.98
Mobile Calls	390.02
National Calls	1098.26

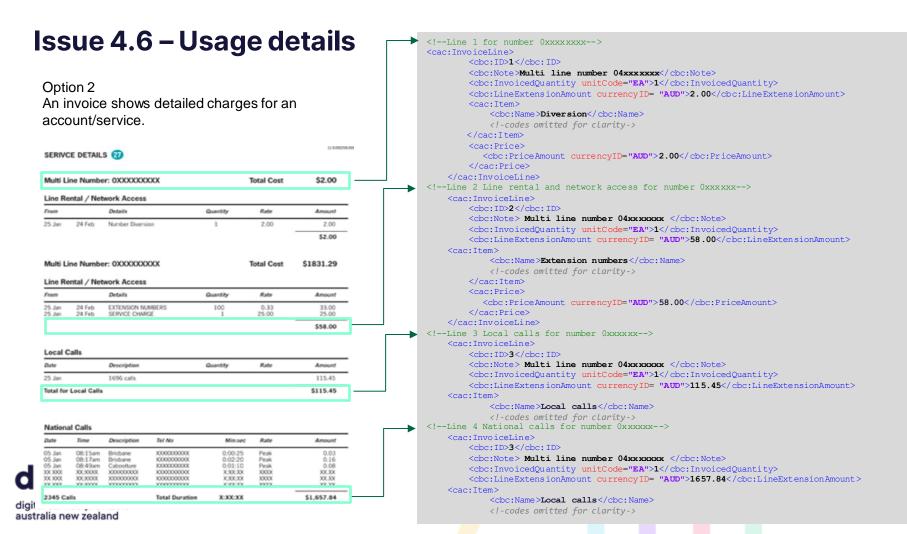
Scenario: Example of how utilities/telco invoice can be mapped and sent, with each service listed as a separate line item on the invoice.

Questions for discussion (consider both SME & LRG entities):

- What information should be transmitted as UBL, to support automation?
- Options to convey other information, such as data usage and account summary, e.g. as attachments?



Service Level Summary of charges for all services, by charge type>
-Line 1 for Line Rental and Network Access>
ac:InvoiceLine>
<cbc:id>1</cbc:id>
<cbc:note>Service Level Summary</cbc:note> Optional
<pre><cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity></pre>
<pre><cbc:lineextensionamount currencyid="AUD">100.00</cbc:lineextensionamount></pre>
<pre><cac:item></cac:item></pre>
<pre><cbc:name>Line Rental/Network Access</cbc:name></pre>
<cac:classifiedtaxcategory></cac:classifiedtaxcategory>
<cbc:id></cbc:id>
<cbc:percent>10</cbc:percent>
<cac:taxscheme></cac:taxscheme>
<cbc:id>GST</cbc:id>
<cac:price></cac:price>
<pre><cbc:priceamount currencyid="AUD">100.00</cbc:priceamount></pre>
-Line 2 for Local calls>
<cac:invoiceline></cac:invoiceline>
<cbc:id>2</cbc:id>
<pre><cbc:note>Local Calls</cbc:note> <!--Optional--></pre>
<cbc:invoicedquantity unitcode="EA">1</cbc:invoicedquantity>
<pre><cbc:lineextensionamount currencyid="AUD">308.98</cbc:lineextensionamount></pre>
<pre><cac:item></cac:item></pre>
<cbc:name>Local calls</cbc:name>
<cac:classifiedtaxcategory></cac:classifiedtaxcategory>
<cbc:id>S</cbc:id>
<cbc:percent>10</cbc:percent>
<pre><cac:taxscheme></cac:taxscheme></pre>
<cbc:id>GST</cbc:id>
<cac:price></cac:price>
<pre><cbc:priceamount currencyid="AUD">308.98</cbc:priceamount></pre>



Issue 5 - Order Reference and Buyer Reference (Completed)

- A Peppol elnvoice must include at least one of the above references
- When neither a PO number or Buyer reference is relevant, the sender needs to include a default value to pass validation, e.g. "NA" or "PO"
- This has caused some processing issues when the default value is included in the Order Reference field, the receiver (C4) treats it as a PO number which cannot be matched. This may cause the invoice to be managed as an exception.

Recommendation:

- O For new implementations, if the source values do not exist, the default value should be put in the buyer reference field (in the UBL).
- O The recommended default value should be:
 - BUYER-REFERENCE or NA
- O Noting existing implementations may already use Invoice Number as the default value
 - e.g. INV-123, 123456, ABC123



Clarification 1 - GST Only Invoices (Completed)

A GST-only invoice may be sent when an invoice is incorrectly issued without GST, and an adjustment is required. This can be done by issuing a new invoice with two lines:

> a. one line with a negative amount to offset/cancel the previous invoice amount (GST codes and net amount should match the previous invoice that needs to be corrected).

b. a second line with the original amount plus 10% GST (Peppol tax category code S, standard).

*It must be clear that an invoice being sent as a 'correction' is to be treated as an amendment of a previous invoice. Details about this could be added at item name or elsewhere. This example includes a reference at the document level 'Note' field.

Correction/adjustment note

<!-<ca

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode> <cbc:Note>Adjustment note to accompany previous invoice</cbc:Note>

Line 1 (negative amount, no GST)

Line 1> ::InvoiceLine>
<cbc:id>1</cbc:id>
<pre><cbc:invoicedquantity unitcode="11">-1</cbc:invoicedquantity></pre>
<pre><cbc:lineextensionamount currencyid="AUD">-1177.20</cbc:lineextensionamount></pre>
-codes omitted for clarity-
<pre><cac:item></cac:item></pre>
<pre><cbc:description>Product</cbc:description></pre>
<cbc:name>Name of product</cbc:name>
<cac:origincountry></cac:origincountry>
<pre><cbc:identificationcode>AU</cbc:identificationcode></pre>
<pre><cac:classifiedtaxcategory></cac:classifiedtaxcategory></pre>
<cbc:id>E</cbc:id>
<cbc:percent>0</cbc:percent>
<cac:taxscheme></cac:taxscheme>
<cbc:id>GST</cbc:id>

Line 2 (includes standard GST)

-Li	ne 2>
	<cac:invoiceline></cac:invoiceline>
	<cbc:id>2</cbc:id>
	<cbc:invoicedquantity unitcode="11">1</cbc:invoicedquantity>
	<pre><cbc:lineextensionamount currencyid="AUD">1177.20</cbc:lineextensionamount></pre>
	-codes omitted for clarity-
	<pre><cac:item></cac:item></pre>
	<cbc:description>Product</cbc:description>
	<cbc:name>Name of product</cbc:name>
	<cac:origincountry></cac:origincountry>
	<pre><cbc:identificationcode>AU</cbc:identificationcode></pre>
	<cac:classifiedtaxcategory></cac:classifiedtaxcategory>
	<cbc:id>S</cbc:id>
	<cbc:percent>10</cbc:percent>
	<cac:taxscheme></cac:taxscheme>
	<cbc:id>GST</cbc:id>



Clarification 2: Party Identification

Field Name	Definition	Rule	Notes and UBL examples
Endpoint ID	Seller or buyer's electronic address	Mandatory One occurrence only	This is the digital delivery address for an entity. Although most businesses in A-NZ would use an ABN or NZBN as the endpoint ID, this does not need to match the entity's legal identifier.
			<cbc:endpointid schemeid="0151">47555222000</cbc:endpointid>
Party Legal Entity	Information as a n entity has been registered i n an official registrar as a legal entity or person. In A-NZ, this group will include the ABN/NZBN and a n entity's legal name.	Mandatory One occurrence only	A Peppol elnvoice always includes an ABN or NZBN, if the seller or buyer is located in Australian or New Zealand. <cac:partylegalentity></cac:partylegalentity>
			<pre><cbc:registrationname>EntityName</cbc:registrationname></pre>
Party Identification	Other i dentifiers (e.g. Aus tra lian company number, GLN) and business names of a s eller or buyer.	Optional Multiple occurrences	<cac:party> <cbc:endpointid schemeid="0151">47555222000</cbc:endpointid> <cac:partyidentification> <cbc:id>47555222000</cbc:id> </cac:partyidentification> <cac:partyidentification> <cac:partyname> <cbc:name>Trading Name Ltd</cbc:name> </cac:partyname></cac:partyidentification></cac:party>
Party Tax Scheme	identifier In AU, a seller must include <cbc:companyid>47555222 its GST branch number when <cac:taxscheme> <cbc:id>GST</cbc:id></cac:taxscheme></cbc:companyid>	<cbc:companyid>47555222000</cbc:companyid> <cac:taxscheme> <cbc:id>GST</cbc:id></cac:taxscheme>	
panz. service providers a new zealand		registered for GST) is making a taxable sale. In NZ when a GST registered organisation makes a taxable sale, the New Zealand GST number must be entered as the	

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