

Dato: 06.11.2024.

Sted: Skattekvartalet i Oslo, Schweigaards gate 17-19

Møterom: A261 Sinsen.

Tema: SalesInvoices og PurchaseInvoices med tilhørende strukturer og faste data (masterfiles).

Agenda:

Kl 09:00 Velkommen til workshop, vi starter med gjennomgang av innholdet i SalesInvoices

Kl 09:50 Pause

Kl 10:00 Vi fortsetter gjennomgangen av SalesInvoices og PurchaseInvoices

Kl 11:30 Lunsj

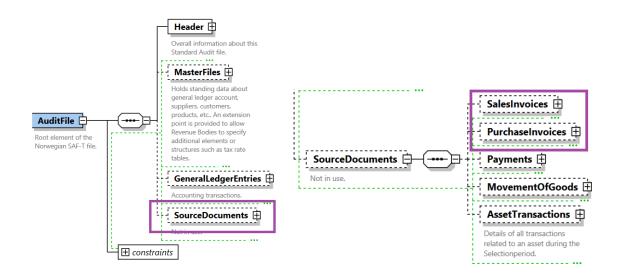
Kl 12:00 Momenter til diskusjon

Kl 12:50 Pause

Kl 13:00 Gjennomgang av innholdet i UOMTable og Products i Masterfiles

Kl 14.00 Vi avslutter workshopen

Utklippene under viser oppbyggingen av SalesInvoices og PurchaseInvoices i SAF-T Financial.



SalesInvoices

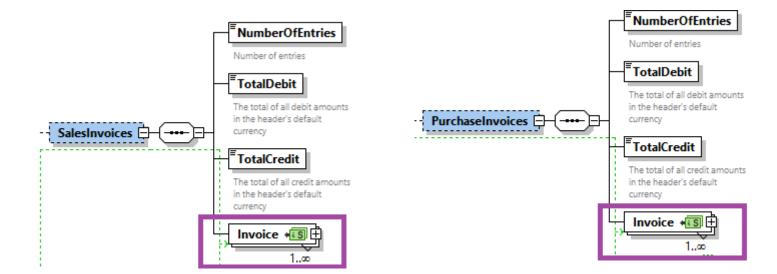
Optional. Repetitions: 0..1

XML Element	Description	Туре	Req/R	lep.	Example
NumberOfEntries	This is the total number of salesinvoice entries included in the audit file.	xs:nonNegativeInteger	М	11	25
TotalDebit	The total of all debit amounts in the header's default currency.	SAFmonetaryType	М	11	1234567.89
TotalCredit	The total of all credit amounts in the header's default currency.	SAFmonetaryType	М	11	1234567.89
Invoice	None	InvoiceStructure	М	1U	

PurchaseInvoices

Optional. Repetitions: 0..1

XML Element	Description	Туре	Req/Re	ep.	Example
NumberOfEntries	This is the total number of purchaseinvoice entries included in the audit file.	xs:nonNegativeInteger	М	11	25
TotalDebit	The total of all debit amounts in the header's default currency.	SAFmonetaryType	М	11	1234567.89
TotalCredit	The total of all credit amounts in the header's default currency.	SAFmonetaryType	М	11	1234567.89
Invoice	None	InvoiceStructure	М	1U	



InvoiceStructure

Tabellen under viser en oversikt over elementene som ligger i InvoiceStructure. I workshop vil vi diskutere enkelte element og vurdere om de skal endres med hensyn til type, mandatory/optional og repetisjoner. Vi ønsker også innspill på elementer som i dag ikke ligger i InvoiceStructure, men som bør være en del av strukturen. Tekst som er markert med grønt er skatteetatens forslag til endring.

InvoiceStructure

Containing all information about sales invoices and suppliers (purchase)invoices.

XML Element	Description	Туре	Red	q/Rep.	Example
InvoiceNo	Invoice number	SAFmiddle2textType	М	11	
	Choice between CustomerInfo or SupplierInfo		0	01	
CustomerInfo			М	11	
SupplierInfo			М	11	
AccountID	General Ledger Account code of the customer/supplier. Can be including sub-account id. It can contain many different levels to identify the Account. It could include cost centres such as com- pany, division, region, group and branch/department.	SAFmiddle2textType	0	01	1920 1500 2400
BranchStoreNumber	Branch or Storenumber, additional segregation of customer/supplier, used if not included as part of the customer/supplier id.	SAFmiddle1textType	0	01	
Period	Accounting Period	xs:nonNegativeInteger	0	01	10
PeriodYear	The year of the Accounting Period	xs:nonNegativeInteger	0	01	2024
InvoiceDate	The date of the invoice	xs:date	М	11	2024-10-15
InvoiceType	Type of invoice: Debit invoice, Credit invoice, Cash, Ticket, etc.	Endres fra SAFcodeType til SAFmiddle2ttextType	0	01	Credit invoice
ShipTo	Ship to details	ShippingPointStructure	0	01	
ShipFrom	Ship from details	ShippingPointStructure	0	01	
PaymentTerms	Payments terms for this invoice	SAFmiddle2textType	0	01	
SelfBillingIndicator	Indicator showing if self-billing is used for this invoice.	SAFcodeType	0	01	

SourceID	Details of person or application that entered the transaction	SAFmiddle1textType	0	01	
GLPostingDate	Date posting to GL	xs:date	0	01	2024-10-15
BatchID	Systems generated ID for batch	SAFmiddle1textType	0	01	123
SystemID	Unique number created by the system for the document	SAFmiddle1textType	0	01	4567
TransactionID	Cross-reference to GL posting. It can contain many different levels to identify the transaction. It could include cost centres such as company, division, region, group and branch/department	SAFmiddle2textType	0	01	4567
ReceiptNumbers	The number(s) of the receipt(s) on this "consolidated invoicerecord". Can be a single number, a range or a list.	SAFlongtextType	0	01	
Line	Invoice lines		М	1U	
Settlement			0	01	
DocumentTotals			0	01	

CustomerInfo

Mandatory. Repetitions: 1..1

XML Element	Description	Туре	Req/Rep.		Example
	Choice between CustomerID or Name		М	11	
CustomerID	Unique account code/number for the customer	SAFmiddle1textType	М	11	12000
Name	Name of the customer	Endres fra SAFmiddle2textType til SAFlongtextType	М	11	Kunden AS
BillingAddress		AddressStructure	ОМ	11	

SupplierInfo Mandatory. Repetitions: 1..1

XML Element	Description	Туре	Re	q/Rep.	Example
	Choice between SupplierID or Name		М	11	
SupplierID	Unique account code/number for the supplier	SAFmiddle1textType	М	11	20000
Name	Name of the supplier	Endres fra SAFmiddle2textType til SAFlongtextType	М	11	Leverandøren AS
BillingAddress		AddressStructure	ОМ	11	

Line (Invoice line)
Mandatory. Repetitions: 1..U

XML Element	Description	Туре	Re	q/Rep.	Example
LineNumber	Number of the invoice line	SAFshorttextType	0	01	
AccountID	General Ledger Account code of the GL-revenue- account. Can be including sub-account id. It can contain many different levels to identify the Account. It could include cost centres such as company, division, region, group and branch/department.	SAFmiddle2textType	0	01	
Analysis	General Ledger analysis codes	AnalysisStructure	0	0U	
OrderReferences	Relevant order references		0	0U	
ShipTo	Ship To details	ShippingPointStructure	0	01	
ShipFrom	Ship from Details	ShippingPointStructure	0	01	
GoodsServicesID	Indicator showing if goods or service	SAFcodeType	0	01	
ProductCode	Product code	SAFmiddle2textType	0	01	

ProductDescription	Description of goods or services	SAFlongtextType	0	01	
Delivery	Information about the date or timeframe of the delivery of the goods or services		0	01	
Quantity	Quantity of goods and services supplied	SAFquantityType	0	01	
InvoiceUOM	Quantity unit of measure e.g. pack of 12	Endres fra SAFcodeType til SAFshorttextType	0	01	
UOMToUOMBaseConversionFactor	Conversion factor of the InvoiceUOM to UOM Base. Only needed when InvoiceUOM is reported and is different from the UOM Base.	xs:decimal	0	01	
UnitPrice	Unit price for the unit/group of units per UOM in the header's default currency.	SAFmonetaryType	М	11	
TaxPointDate	Tax Point date where recorded or if not recorded then the Invoice date	xs:date	М	11	2024-10-15
References	Credit Note references		0	01	
Description	Description of Invoice Line.	SAFlongtextType	М	11	
InvoiceLineAmount	Amount for transaction excluding taxes and freightcharges	AmountStructure	М	11	
DebitCreditIndicator	Indicates whether the amounts on line-level are debit or credit amounts. Entry must correspond to entry reflected in General Ledger Entry. Signing of lineamounts is relative to this indicator. E.g. a return can lead to a negative amount.	SAFcodeType	М	11	
ShippingCostsAmount	Amount for shipping/freight charges.	AmountStructure	0	01	
TaxInformation		TaxInformationStructure	0	0U	

OrderReferences

Relevant order references

Optional. Repetitions: 0..U

XML Element	Description	Туре	Req/Rep.		Example
OriginatingON	Origination Order Number	SAFmiddle2textType	0	01	
OrderDate	Date of order	xs:date	0	01	2024-10-15

Delivery

Information about the date or timeframe of the delivery of the goods or services.

Optional. Repetitions: 0..1

XML Element	Description	Туре	Req/Rep.		Example
	Choice between MovementReference, DeliveryDate or DeliveryPeriod		М	11	
MovementReference	Unique reference to the movement	Endres fra SAFmiddle1textType til SAFlongtextType	М	1U	
DeliveryDate	The date of the delivery	xs:date	M	11	2024-10-15
DeliveryPeriod	Timeframe of the deliveries		М	11	

DeliveryPeriod
Timeframe of the deliveries

Mandatory Repetitions: 1 1

XML Element	Description	Туре	Red	q/Rep.	Example
FromDate	Startdate of the deliveries	xs:date	М	11	2024-10-15
ToDate	Enddate of the deliveries	xs:date	М	11	2024-10-15

References

Credit Note references

Optional. Element: CreditNote. Repetitions: 0..1

XML Element	Description	Туре	Red	q/Rep.	Example
Reference	Credit note reference (where applicable) to original invoice	Endres fra SAFmiddle1textType til SAFlongtextType	0	01	
Reason	Credit note reason or rationale	SAFlongtextType	0	01	

Settlement

Optional. Repetitions: 0..1

XML Element	Description	Туре	Red	q/Rep.	Example
SettlementDiscount	Description Settlement/Other Discount	SAFmiddle1textType	0	01	
SettlementAmount	Settlement amount	AmountStructure	М	11	
SettlementDate	Date settled	xs:date	0	01	2024-10-15
PaymentMechanism	Payment mechanism	SAFcodeType	0	01	

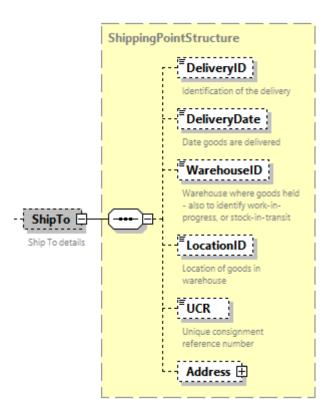
DocumentTotals

Optional. Repetitions: 0..1

XML Element	Description	Туре	Req/Rep.		Example
TaxInformationTotals	Control totals tax payable information. Per TaxType/TaxCode the TaxBase and TaxAmount are summarised.	TaxInformationStructure	0	0U	
ShippingCostsAmountTotal	Control total amount freight charges	SAFmonetaryType	0	01	
NetTotal	Control total sales value excluding tax and shippingcosts	SAFmonetaryType	М	11	
GrossTotal	Control total amount including tax and shippingcosts	SAFmonetaryType	М	11	

ShippingPointStructure

ShippingPointStructure benyttes flere steder i InvoiceStructure.



ShippingPointStructure

A structure that holds all shipping point information.

XML Element	Description	Туре	Req/	Rep.	Example
DeliveryID	Identification of the delivery	SAFmiddle1textType	0	01	
DeliveryDate	Date goods are delivered	xs:date	0	01	2024-10-15
WarehouseID	Warehouse where goods held - also to identify work-in-progress, or stock-in-transit	SAFmiddle1textType	0	01	
LocationID	Location of goods in warehouse	SAFshorttextType	0	01	
UCR	Unique consignment reference number	SAFmiddle1textType	0	01	
Address		AddressStructure	0	01	

Eksempel SalesInvoices:

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 - <TotalCredit>1000.00</TotalCredit>
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 - <StreetName>Main Street</StreetName>
 - <Number>123</Number>

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Eksempel PurchaseInvoices:

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- <GrossTotal>3125.00</GrossTotal>
- </DocumentTotals>
- </PurchaseInvoices>

Masterfiles:

UOMTable og Products:

UOMTable

Optional. Element: UOMTableEntry. Repetitions: 1..U

XML Element	Description	Туре	Req	Rep.	Example
UnitOfMeasure	Quantity unit of measure e.g. pack of 12	Endres fra SAFcodeType til SAFshorttextType	М	11	
Description	Description of the UOM	SAFlongtextType	М	11	

Eksempel:

- <UOMTable>
- <UOMTableEntry>
- <UnitOfMeasure>stk</UnitOfMeasure>
- <Description>Stykker</Description>
- </UOMTableEntry>
- <UOMTableEntry>
- <UnitOfMeasure>kg</UnitOfMeasure>
- <Description>Kilogram/Description>
- </UOMTableEntry>
- <UOMTableEntry>
- <UnitOfMeasure>ltr</UnitOfMeasure>
- <Description>Liter</Description>
- </UOMTableEntry>
- </UOMTable>

Products

Optional. Element: Product. Repetitions: 1..U

XML Element	Description Type Product code SAFn	Type SAFmiddle2textType	Req/Rep.		Example
ProductCode			М	11	
GoodsServicesID	Indicator showing if goods or services (Predescribed TABLE is possible)	SAFcodeType	0	01	
ProductGroup	Code identifying aggregated level at which similar products are grouped	SAFmiddle2textType	0	01	
Description	Description of goods or services.	SAFlongtextType	М	11	
ProductCommodityCode	Classification for import / export	SAFmiddle1textType	0	01	
ProductNumberCode	EAN or other code	SAFmiddle2textType	0	01	
ValuationMethod	FIFO, LIFO, Average cost etc.	SAFcodeType	0	01	
UOMBase	Unit of measure for Stock Administration for this product Predescribed TABLE is possible.	Endres fra SAFcodeType til SAFshorttextType	М	11	
	Not needed when not applicable:		0	01	
UOMStandard	A Standard Unit of Measure applicable for this product, f.i. Kilo, Metres, Litres (Predescribed TABLE is possible)	Endres fra SAFcodeType til SAFshorttextType	М	11	
UOMToUOMBaseConversionFactor	Conversion factor of the UOM to UOM Base	xs:decimal	М	11	
Tax	Tax types and codes for lookup I tables.		0	0U	

Tax

Optional Repetitions: 0..U

XML Element	Description	Туре	Req	/Rep.	Example
ТахТуре	Tax Type for lookup in tables	SAFcodeType	М	11	MVA
TaxCode	Tax Code for lookup in tables	Endres fra SAFcodeType til SAFmiddle2textType	М	11	

Eksempel:

```
<Products>
 <Product>
  <ProductCode>P001</ProductCode>
  <GoodsServicesID>GS001</GoodsServicesID>
  <ProductGroup>PG1</ProductGroup>
  <Description>Produkt 1/Description>
  <ProductCommodityCode>0101</ProductCommodityCode>
  <ProductNumberCode>1001</ProductNumberCode>
  <ValuationMethod>FIFO</ValuationMethod>
  <UOMBase>stk</UOMBase>
  <UOMStandard>stk</UOMStandard>
  <UOMToUOMBaseConversionFactor>1</UOMToUOMBaseConversionFactor>
  <Tax>
   <TaxType>MVA</TaxType>
   <TaxCode>25%</TaxCode>
  </Tax>
  <Tax>
   <TaxType>Import</TaxType>
   <TaxCode>10%</TaxCode>
  </Tax>
  <Tax>
   <TaxType>Miljøavgift</TaxType>
   <TaxCode>5%</TaxCode>
  </Tax>
```

```
</Product>
<Product>
<ProductCode>P002</ProductCode>
<GoodsServicesID>GS002</GoodsServicesID>
<ProductGroup>PG2</ProductGroup>
<Description>Produkt 2</Description>
<ProductCommodityCode>0202</ProductCommodityCode>
<ProductNumberCode>2002</ProductNumberCode>
<ValuationMethod>LIFO</ValuationMethod>
<UOMBase>kg</UOMBase>
<UOMStandard>kg</UOMStandard>
<uOMToUOMBaseConversionFactor>1</UOMToUOMBaseConversionFactor>
<Tax>
 <TaxType>MVA</TaxType>
 <TaxCode>25%</TaxCode>
</Tax>
<Tax>
 <TaxType>Import</TaxType>
 <TaxCode>10%</TaxCode>
</Tax>
<Tax>
 <TaxType>Miljøavgift</TaxType>
 <TaxCode>5%</TaxCode>
</Tax>
</Product>
<Product>
```

```
<ProductCode>P003</ProductCode>
  <GoodsServicesID>GS003</GoodsServicesID>
  <ProductGroup>PG3</ProductGroup>
  <Description>Produkt 3/Description>
  <ProductCommodityCode>0303</ProductCommodityCode>
  <ProductNumberCode>3003</ProductNumberCode>
  <ValuationMethod>Standard</ValuationMethod>
  <UOMBase>ltr</UOMBase>
  <UOMStandard>ltr</UOMStandard>
  <UOMToUOMBaseConversionFactor>1</UOMToUOMBaseConversionFactor>
  <Tax>
   <TaxType>MVA</TaxType>
   <TaxCode>25%</TaxCode>
  </Tax>
  <Tax>
   <TaxType>Import</TaxType>
   <TaxCode>10%</TaxCode>
  </Tax>
  <Tax>
   <TaxType>Miljøavgift</TaxType>
   <TaxCode>5%</TaxCode>
  </Tax>
 </Product>
</Products>
```

Momenter til diskusjon:

- 1. Vi har sett en eksempelfil fra Portugal hvor det var et element under SalesInvoices som heter "InvoiceStatus". Er dette et relevant element å ha med? Hvis ja, hva slags type element?
- 2. I samme eksempelfil forekommer elementene "Hash" og "HashControl". Hva tenker vi om de to elementene?

 Hvis vi forstår elementene på denne måten: "HashControl" i SAF-T Financial refererer til en metode for å sikre integriteten til dataene i SAF-T-filen.

 En hash-verdi er en unik kode generert fra dataene i filen, som fungerer som en digital signatur. Hvis dataene endres, vil hash-verdien også endres, noe som gjør det mulig å oppdage eventuelle manipulasjoner eller feil i filen.
- 3. I Portugal sin versjon av SAF-T Financial har de noe annen rekkefølge på elementene enn i standarden slik den er fra OECD. Er noen plausible grunner til at rekkefølgen bør endres?
- 4. Det kan velges (choice) mellom CustomerID eller Name. I bokføringsforskriften står det at et salgsdokument skal inneholde angivelse av navn, og adresse eller organisasjonsnummer. CustomerID bør være mandatory der dette finnes, og dersom det finnes så er jo også navn mandatory. Det som mangler i xsd-skjemaet er da et valg mellom adresse eller organisasjonsnummer. Da bør vi vel legge til organisasjonsnummer som et valg? I tilfeller hvor kunden ikke er registrert, så skal Name benyttes. Hva tenker dere? En annen utfordring er at hele AddressStructure er optional. Dersom det velges navn + adresse (ikke org.nr), så er adressen pliktig ihht bokføringsforskriften, men strukturen vil ligge som optional i xsd-skjemaet. Hvordan løser vi den floken?
- 5. Hva med "SystemEntryDate". Vi ser at dette er tatt med i nevnte eksempelfil. Bør det elementet være med hos oss? Hva skal den i såfall brukes til?
- 6. Skal vi fortsette med DebitAmount og CreditAmount slik vi har endret i Analysis og TaxInformationStructure? Gjelder InvoiceLineAmount, ShippingCostAmount, SettlementAmount. I såfall må også elementet "DebitCreditIndicator" fjernes der det finnes.

- 7. Kan vi tenke oss tilfeller hvor "ShippingCostAmount" kan være et kreditbeløp? For eksempel kreditnota. Bør vi ha DebitShippingCostAmount og CreditShippingCostAmount for å følge strukturen i resten av standarden?
- 8. UnitOfMeasure Har SAFCodeType bør det være mulig med lengre tekst, f.eks SafShorttextType
- 9. InvoiceUOM samme som punkt 8 endre datatype?
- 10. PartyInfoStructure elementet "status" valgene mellom Active, Passive, Observation bør vi ha med Closed (som i Analysis)?
- 11. Legge til rette for flere desimaler i elementet CurrencyAmount (med tanke på Krypto-valuta). Foreslår datatype SAFexchangerateType (totalt 18 tegn, hvor 8 kan være desimaler)
- 12. SupplierInfo. Organisasjonsnummer er mandatory. BillingAddress blir da optional for SupplierInfo. SupplierID er ikke et pliktig element i en kjøpsfaktura etter norsk lovgivning. Må endres til optional (men det er tilgjengelig, så det skal være med likevel).
- 13. CustomerInfo. CustomerID er ikke et pliktig element i en salgsfaktura etter norsk lovgivning. Må endres til optional (men det er tilgjengelig, så det skal være med likevel). For en salgsfaktura er det valgfritt om informasjon om adresse eller organisasjonsnummer skal opplyses. Vi må derfor ha et nytt element «RegistrationNumber» slik at det kan gjøres et valg mellom dette elementet eller elementet «BillingAddress».
- 14. Burde det i DocumentTotals være valg mellom debet og kredit på totalbeløpene ShippingCostAmountTotal, NetTotal og GrossTotal
- 15. Det må tas hensyn til særavgifter ved utvidelsen av SAF-T Financial. Er det en ide å ta i bruk Taxonomies til dette formålet, eller er det overflødig? Bør disse avgiftene tas inn i TaxTable? Det ser ut til at Portugal benytter Taxonomies til klassifisering av kontoer (i Masterfiles).

Taxonomies

Optional. Element: Taxonomy. Repetitions: 1..U

XML Element	Description	Туре	Req/Rep.		Example
TaxonomyReference	Reference to the taxonomy that applies to the GL Account.	SAFlongtextType	М	11	
TaxonomyElement			0	0U	

TaxonomyElement

Optional. Repetitions: 0..U

XML Element	Description	Туре	Req/Rep.		Example
TaxonomyCode	Reference to specific taxonomy element	SAFlongtextType	М	11	
TaxonomyClusterID	Additional reference to specific taxonomy element	SAFlongtextType	0	01	
TaxonomyClusterContextID		SAFlongtextType	0	01	
AccountID	General Ledger Account code for this TaxanomyReference/TaxonomyCode. Can be including sub-account id. It can contain many different levels to identify the Account. It could include cost centres such as company, division, region, group and branch/department.	SAFmiddle2textType	M	11	

Eksempel:

- <Taxonomies>
 - <Taxonomy>
 - <TaxonomyReference>1</TaxonomyReference>
 - <TaxonomyElement>
 - <TaxonomyCode>1000</TaxonomyCode>
 - <TaxonomyClusterID>1</TaxonomyClusterID>
 - <TaxonomyClusterContextID>1</TaxonomyClusterContextID>

- <AccountID>3000</AccountID>
- </TaxonomyElement>
- <TaxonomyElement>
- <TaxonomyCode>2000</TaxonomyCode>
- <TaxonomyClusterID>2</TaxonomyClusterID>
- <TaxonomyClusterContextID>2</TaxonomyClusterContextID>
- <AccountID>4000</AccountID>
- </TaxonomyElement>
- <TaxonomyElement>
- <TaxonomyCode>3000</TaxonomyCode>
- <TaxonomyClusterID>3</TaxonomyClusterID>
- <TaxonomyClusterContextID>3</TaxonomyClusterContextID>
- <AccountID>5000</AccountID>
- </TaxonomyElement>
- </Taxonomy>
- <Taxonomy>
- <TaxonomyReference>2</TaxonomyReference>
- <TaxonomyElement>
- <TaxonomyCode>4000</TaxonomyCode>
- <TaxonomyClusterID>4</TaxonomyClusterID>
- <TaxonomyClusterContextID>4</TaxonomyClusterContextID>
- <AccountID>6000</AccountID>
- </TaxonomyElement>
- <TaxonomyElement>
- <TaxonomyCode>5000</TaxonomyCode>
- <TaxonomyClusterID>5</TaxonomyClusterID>

- <TaxonomyClusterContextID>5</TaxonomyClusterContextID>
- <AccountID>7000</AccountID>
- </TaxonomyElement>
- <TaxonomyElement>
- <TaxonomyCode>6000</TaxonomyCode>
- <TaxonomyClusterID>6</TaxonomyClusterID>
- <TaxonomyClusterContextID>6</TaxonomyClusterContextID>
- <AccountID>8000</AccountID>
- </TaxonomyElement>
- </Taxonomy>
- </Taxonomies>