

## NCC Incoming e-invoicing technical guide

This document contains **general information** that NCC requires to be able to receive electronic invoices, and details regarding the connection process for electronic invoicing in NCC.

The document contains “good to know” information and technical descriptions of the formats and fields per format with tags.

### VAN Operator all NCC Companies

- CGI
- CGI Finland (003703575029)

### Peppol ID

PEPPOL-ID Sweden: 0007:organization number

PEPPOL-ID Norway: 0192:organization number

### GLN-number Sweden

GLN number: **7350047100007** (the same number is applicable for all NCC’s companies in Sweden)

### EAN-number Denmark

EAN number: **7350047100007**

### Required information on e-invoices

NCC requires correct marking of invoices and validates that the given reference number (NCC project- or costcenter number) is valid in receiving NCC company. The referencenumber can **only** be digits, no letters.

#### Format of reference number

All supplier invoices must have a correct NCC reference.

There is a possibility to include or provide a more detailed accounting string to improve cost allocation for the supplier invoice once received at NCC.

Following rule applies:

\* xxxxxxx-yyyzy-zzzz

\* xxxxxxx-yyyzy

\* xxxxxxx

\* xxxxxxx--zzzz

xxxxxxx = project number or accounting unit

yyyzy = cost account

zzzz = sub account

**All invoices MUST contain a valid reference number. Valid reference number + potential more detailed reference (accounting string) is given by the person at NCC that order goods and services.**

**Please contact this person for valid reference number**

All e-invoice xml files must include **an e-mail address** to the supplier, to be used for information on rejected invoices not fulfilling NCC's requirements.

You find more specific information how to fill in the NCC specific requirements in the different invoice formats in this document.

## Format per country

NCC supports the following electronical formats:

### Sweden\*

Format	Version
Peppol Bis 3 (preferred)	Peppol BIS Billing 3
Svefaktura	Svefaktura v1.0
Beast xml	1.2.3 and 1.2.4

### Norway

Format	Version
EHF3 (Peppol Bis 3)	Peppol BIS Billing 3

### Finland

Format	Version
Teapps	TEAPPS v2.7.2 samt v3.0
Finvoice	Finvoice v2.7 and v3.0

### Denmark

Format	Version
OIOUBL	OIOUBL v2.0

### \*additional information Sweden:

#### Peppol

Invoices to NCC companies in Sweden can preferable be sent through the open network PEPPOL. This is our preferred format för e-invoices IN.

#### Svefaktura

If you not are able to send NCC e-invoice in Peppol Bis 3 format, you may connect to Svefaktura.

# Sweden

## Technical details per country and format

See Below for information and details about how we are expecting information to be sent in the invoice-XML, for each format, what fields/TAGs are mandatory with examples (examples in green)

### Svefaktura:

#### Project number/accounting unit:

```
<RequisitionistDocumentReference>  
  <ns3:ID>8070005</ns3:ID>  
</RequisitionistDocumentReference>
```

#### Receiving NCC company/organization:

```
<cac:BuyerParty>  
  <cac:BuyerParty>  
    <cac:PartyTaxScheme>  
      <cac:CompanyID>5563932838</cac:CompanyID>  
      <cac:TaxScheme><cac:ID>SWT</cac:ID>  
    </cac:TaxScheme>
```

#### Supplier's bank information:

Invoice/PaymentMeans/PayeeFinancialAccount/ID (account-number, can be several of the block PaymentMeans)

#### Supplier email-address:

```
<cac:SellerPartyI>  
  <cac:Party>  
    <cac:Contact>  
      <cbc:ElectronicMail >nbs@ncc.se bs</cbc:  
      ElectronicMail >
```

*Please note that NCC validate the reference number towards the receiving NCC corp.id/organization number, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.*

## Technical details per country and format

### PEPPOL:

#### Project number/accounting unit:

Fields below are mapped for e-invoice Peppol Format - If one of these 3 fields are mapped it will be read as project number/accounting unit.

#### Accountingcost

```
<cbc:AccountingCost>4090036</cbc:AccountingCost >
```

#### Buyer reference

```
<cbc:BuyerReference>4090036</cbc:BuyerReference>
```

#### Orderreference

```
<cac:OrderReference>  
  <cbc:ID>4090036</cbc:ID>  
</cac:OrderReference>
```

#### Receiving NCC company/organization:

```
<cac:AccountingCustomerParty>  
  <cac:Party>  
    <cac:PartyLegalEntity>  
      <cbc:RegistrationName>HAANDVERKERNE  
AS</cbc:RegistrationName>  
      <cbc:CompanyID>979440499</cbc:CompanyID>  
    </cac:PartyLegalEntity>
```

#### Supplier's bank information:

```
<cac:PaymentMeans>  
  <cbc:PaymentMeansCode>30</cbc:PaymentMeansCode>  
  <cbc:PaymentID>39216585</cbc:PaymentID>  
  <cac:PayeeFinancialAccount>  
    <cbc:ID>12345678</cbc:ID>  
    <cac:FinancialInstitutionBranch>  
      <cbc:ID>SE:BANKGIRO</cbc:ID>  
    </cac:FinancialInstitutionBranch>  
  </cac:PayeeFinancialAccount>  
</cac:PaymentMeans>
```

#### Supplier email-address:

```
<cac:AccountingSupplierParty>  
  <cac:Party>  
    <cac:Contact>  
      <cbc:ID>N/A</cbc:ID>  
      <cbc:Name>N/A</cbc:Name>  
      <cbc:ElectronicMail>nbs@ncc.se</cbc:ElectronicMail>
```

Please note that **NCC validate the reference number towards the receiving NCC corp.id/organization number**, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.

## Technical details per country and format

### BEAST XML:

#### Project number/accounting unit:

```
<InvoiceHeader>  
<ReferenceToDocument>  
  <ProjectNumber>1111111-22222-3333</ProjectNumber>
```

#### Receiving NCC company/organization:

```
<BuyerNeB>  
  <TaxReference>  
    <BuyersVATRegistrationNumber>SE556613492901</BuyersV  
    ATRegistrationNumber>  
    <RegistrationNumber>5566134929</RegistrationNumber>  
  </TaxReference>  
</BuyerNeB>
```

#### Supplier's bank information:

```
Invoice/InvoiceHeader/SupplierNeB/SuppliersFinancialInformation  
  
  SupplierBankgiroNumber  
  
  SupplierPlusGiroNumber  
  
  SupplierIBANNumber
```

#### Supplier email-address:

```
<SupplierNeB>  
  <SuppliersContact>  
    <Name>Christian Strömberg</Name>  
    <PhoneNumber>+467xxxxxxx</PhoneNumber>  
    <EmailAddress>anna.amasson@anna.com</EmailAddress></Su  
    ppliersContact>
```

Please note that **NCC validate the reference number towards the receiving NCC corp.id/organization number**, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.

# NORWAY

## Technical details per country and format

See Below for information and details about how we are expecting information to be sent in the invoice-XML, what fields/TAGs are mandatory with examples (examples in green)

### EHF:

#### Project number/accounting unit:

Fields below are mapped for e-invoice Peppol Format - If one of these 3 fields are mapped it will be read as project number/accounting unit.

#### Accountingcost

```
<cbc:AccountingCost>4090036</cbc:AccountingCost >
```

#### Buyer reference

```
<cbc:BuyerReference>4090036</cbc:BuyerReference>
```

#### Orderreference

```
<cac:OrderReference>  
  <cbc:ID>4090036</cbc:ID>  
</cac:OrderReference>
```

#### Receiving NCC company/organization:

```
<cac:AccountingCustomerParty>  
  <cac:Party>  
    <cac:PartyLegalEntity>  
      <cbc:RegistrationName>HAANDVERKERNE  
AS</cbc:RegistrationName>  
      <cbc:CompanyID>979440499</cbc:CompanyID>  
    </cac:PartyLegalEntity>
```

#### Supplier's bank information:

```
<cac:PaymentMeans>  
  <cbc:PaymentMeansCode>30</cbc:PaymentMeansCode>  
  <cbc:PaymentID>39216585</cbc:PaymentID>  
  <cac:PayeeFinancialAccount>  
    <cbc:ID>12345678</cbc:ID>  
    <cac:FinancialInstitutionBranch>  
      <cbc:ID>SE:BANKGIRO</cbc:ID>  
    </cac:FinancialInstitutionBranch>  
  </cac:PayeeFinancialAccount>  
</cac:PaymentMeans>
```

#### Supplier email-address:

```
<cac:AccountingSupplierParty>  
  <cac:Party>  
    <cac:Contact>  
      <cbc:ID>N/A</cbc:ID>  
      <cbc:Name>N/A</cbc:Name>  
      <cbc:ElectronicMail>nbs@ncc.se</cbc:ElectronicMail>
```

Please note that NCC validate the reference number towards the receiving NCC corp.id/organization number, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.

# DENMARK

## Technical details per country and format

See Below for information and details about how we are expecting information to be sent in the invoice-XML, what fields/TAGs are mandatory with examples (examples in green)

### OIOUBL:

#### Project number/accounting unit:

##### Debit invoice:

```
<Invoice>  
  <cac:OrderReference>  
    <cbc:ID>123456</cbc:ID></cac:OrderReference>  
</Invoice>
```

##### Credit invoice:

```
<CreditNote>  
  <cac:OrderReference>  
    <cbc:ID>123456</cbc:ID></cac:OrderReference>  
</CreditNote>
```

#### Receiving NCC company/organization:

```
<cac:AccountingCustomerParty>  
  <cac:Party>  
    <cac:PartyLegalEntity>  
      <cbc:RegistrationName>NCC ROAD SERVICES  
A/S</cbc:RegistrationName>  
      <cbc:CompanyID  
schemeID="DK:CVR">DK40598081</cbc:CompanyID>  
</cac:PartyLegalEntity>
```

#### Supplier's bank information:

Invoice/PaymentMeans/PayeeFinancialAccount/ID (only for debet invoices)

#### Supplier email-address:

```
<cac:AccountingSupplierParty>  
  <cac:Party>  
    <cac:Contact>  
      <cbc:ID>N/A</cbc:ID>  
      <cbc:Name>N/A</cbc:Name>  
      <cbc:ElectronicMail>nbs@ncc.se</cbc:ElectronicMail>
```

Please note that NCC validate the reference number towards the receiving NCC corp.id/organization number, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.

# FINLAND

## Technical details per country and format

See Below for information and details about how we are expecting information to be sent in the invoice-XML, for each format, what fields/TAGs are mandatory with examples (examples in green)

### Finvoice:

**Project number/accounting unit:**

<InvoiceDetails>

<BuyerReferenceIdentifier>value</BuyerReferenceIdentifier>

<InvoiceDetails>

<OrderIdentifier>value</OrderIdentifier>

**Receiving NCC company/organization:**

<SellerPartyDetails>

<SellerPartyIdentifier>0849307-3</SellerPartyIdentifier>

**Supplier's bank information**

<SellerInformationDetails>

<SellerAccountDetails>

<SellerAccountID

IdentificationSchemeName="IBAN">FI3515593000001070</SellerAccountID>

<SellerBic

IdentificationSchemeName="BIC">NDEAFIHH</SellerBic></SellerAccountDetails></SellerInformationDetails>

**Supplier email-address**

<SellerInformationDetails>

<SellerCommonEmailAddressIdentifier>supplier@ncc.se</SellerCommonEmailAddressIdentifier>

### TEAPPS format:

**Project number/accounting unit:**

<INVOICE>

<HEADER>

<ORDER\_REFERENCE>124211</ORDER\_REFERENCE>

<INVOICE>

<HEADER>

<ORDER\_INFORMATION ORDER\_TYPE="CO">

<ORDER\_NUMBER>12345678</ORDER\_NUMBER>

**NOTE:** If there is a NCC's order number then it shall be sent along with Project reference separated with a "/" in above ORDER\_NUMBER or ORDER\_REFERENCE fields. E.g:

<INVOICE>

<HEADER>

<ORDER\_REFERENCE>124211/12345678</ORDER\_REFERENCE>



<INVOICE>  
<HEADER>  
<ORDER\_INFORMATION ORDER\_TYPE="CO">  
<ORDER\_NUMBER>124211/12345678</ORDER\_NUMBER>

**Receiving NCC company/organization:**

<RECEIVER>  
<CUSTOMER\_INFORMATION>  
<VAT\_NUMBER>FI17655142</VAT\_NUMBER>  
<ORGANIZATION\_NUMBER>1765514-2</ORGANIZATION\_NUMBER>

**Supplier's bank information:**

<PAYEE>  
<BANKS>  
<SWIFT\_CODE>DABAFIHH</SWIFT\_CODE>  
<IBAN\_ACCOUNT\_NUMBER>FI18183165710999993</IBAN\_ACCOUNT\_NUMBER>  
</BANKS>  
<DETAILS\_OF\_PAYMENT>  
<FI\_PAYMENT\_REFERENCE>13020070625</FI\_PAYMENT\_REFERENCE>  
</DETAILS\_OF\_PAYMENT>  
</PAYEE>

**Supplier email-address**

<PAYEE>  
<CUSTOMER\_INFORMATION>  
<CONTACT\_INFORMATION>  
<CONTACT\_PERSON>Pysäköintilaitos  
Niittyk</CONTACT\_PERSON>  
<CONTACT\_PERSON\_FUNCTION>Sales  
Representative</CONTACT\_PERSON\_FUNCTION>  
<TELEPHONE\_NUMBER>+358 10 507  
51</TELEPHONE\_NUMBER>  
<E-MAIL\_ADDRESS>nbs@ncc.fi</E-MAIL\_ADDRESS></CONTACT\_INFORMATION></CUSTOMER\_INFORMATION>

*Please note that NCC validate the reference number towards the receiving NCC corp.id/organization number, meaning that the referencenumber must be valid and exist in the correct receiving NCC company.*