

A woman with long brown hair in a ponytail, wearing a black top, is shown from the chest up. She is looking towards the right with a focused expression. Her right hand is raised, palm facing forward, with a bright blue light emanating from it. The background is a complex digital interface with various data visualizations: a world map with glowing nodes, a bar chart, a radar chart, a line graph, and several circular gauges. There are also some text elements like "/Administration", "/Human Resources", and a list of categories including "/Promotion", "/Research", "/Business", "/Development", "/Engineering", "/Manufacturing", and "/Planning". The overall color scheme is blue and white, with a dark blue background.

Directive on electronic invoicing in public procurement in Finland

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Directive implementation in local law

New law prepared and executed from 1st of April 2019

- › Finnish State Treasury and central government units are capable to process EU Norm content
- › Other public sector organizations shall be capable to process EU Norm contents invoices from 2020-04-01
- › All B2B/B2G buyers have right to require EU Norm compliant invoices from 2020-04-01
- ›

Public sector implementation guide

Finland public sector specific instruction are published in CEF CIUS registry and also available in StateTreasury web pages

<https://vk-wordpress-bucket-prod.s3-eu-west-1.amazonaws.com/uploads/sites/4/2019/04/JULKISHALLINNON-VERKKOLASKUJEN-TIETOSIS%C3%84LT%C3%96VAATIMUKSET-FI-korj-04-2019.pdf>

› Specifies mandatory contents from:

- › EU Norm
- › Finvoice/TEAPPSXML mandatory elements
- › Mandatory contents when buyer has given data requirement to seller to be included in invoice

Local e-invoice message syntax support for EU Norm

- › Finvoice and TEAPPSXML have new versions 3.0 available
 - › Contain number of new elements to support EU Norm semantic model compliance
 - › New elements SpecificationIdentifier/SPECIFICATION_ID are used to inform that invoice is EU Norm compliant
 - › When not set Finvoice or TEAPPSXML are just new version local invoices
 - › New versions are supported in operator and bank network
- › Finvoice and TEAPPSXML validation
 - › Simple XML schema validation is not sufficient for EU Norm compliance control
 - › Finland e-invoicing operators decided to develop rule based schematron validation for Finvoice and TEAPPSXML
 - › Specification has been done and implementation ongoing
 - › Available for interested parties
 - › Some differences from EU Norm rules; allow subrow structure and current country practice in VAT summary calculations

Why to continue with own national syntaxes

- › Existing wide practice in Finland
- › Change into EU Norm syntaxes takes time to get implemented in ERP systems, workflows etc.
- › Local syntax used both B2C and B2B/B2G
- › Missing functionality in EU Norm
 - › Collection invoice (koontilasku)
 - › Trade outside EU border
 - › Secure invoice
- › Conversion into EU Norm syntax requires solid planning and roadmap

How to move towards EU Norm syntax

- › **First thing is to start using local syntaxes newest versions**
 - › Usage of EU Norm semantic data model contents
- › **Local syntaxes EU Norm contents validation in common use**
- › **Implement EU Norm syntax as standard option in ERP and workflow systems**
- › **Implement B2C support for EU Norm using CIUS or Extension**
 - › Bank system support for EU Norm syntax
- › **Clear schedule to switch: parallel usage, EU Norm mandatory support, discontinue local syntax support**

Some important remarks concerning EU Norm

For EU Norm compliance one shall be accurate with

› **EU Norm use heavily specific/mandatory code sets**

› Be familiar and follow-up:

<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Code+lists#Codelists-1>

› **Usage of schemes for party, location and other identifiers**

› **Party addressing**

› **Number of different CIUS (Core Invoice Usage Specification**

<https://ec.europa.eu/cefdigital/wiki/display/EINVCOMMUNITY/Community-driven+Registry+of+CIUS+%28Core+Invoice+Usage+Specifications%29+and+Extensions>

National CIUS and open competition

CIUS and PEPPOL domain specific authority requirements seems to have an impact on open competition

- › In Italy it is practically not possible to provide e-invoicing service without being Italian company driven by Italian citizen and using only Italian CA certificates
- › Public sector buyers shall be published in domain specific address registries; for example Norway and Belgium
- › How to issue an invoice for example in SEK currency to Spain; Facturae requires EUR currency also in line level data

Some remarks concerning Finland identifiers

Organization number (Y-tunnus)

- › Consists of seven digits, hyphen and control number: 1234567-8

VAT number (ALV-tunnus)

- › Consists of FI prefix and organization number without hyphen

Organization data interchange identifier (OVT-tunnus)

- › Defined in SFS-5748 and consists of 0037 prefix, Finnish organization number without hyphen and optional five characters (in standard five digits); max length 17 characters

How to present addresses

- › Currently only supported Finland Scheme-id in EU Norm is 0037 (OVT prefix)
- › Requested to have scheme-ids also for Finnish VAT id, Organization number and IBAN
- › What is right way to publish Finnish OVT address in EU Norm?
 - › 0037 as the scheme-id and rest 13 characters as the EndPointID or
 - › 0037 as the scheme-id and and full OVT-code as EndPointID
- › How to manage Intermediator data or do we need to manage it
 - › If not how to address cross-border operator connections that are not in any dynamic address resolution registry

Future is bright

- › Very good foundation to proceed and build value-add on top of existing practice
 - › Processing automation
 - › E-receipt
 - › Mobile invoice
- › Let us not harmonize based on crap but instead on good quality content
 - › From local syntaxes towards EU standard
- › Infrastructure development
 - › Bilateral vs. Multi-lateral
- › Contribute on standards development not just try to adapt

Thank you

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