Business Case for CCTS/NDR 3.0

Karina Duvinger – Supply Chain Domain Coordinator
Michel Entat – eTendering and CFEM Project Leader
Bernard Longhi – eProcurement Domain Coordinator

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• 18 January 2010: UN/Cefact (FMG) defines an adoption strategy for CCTS/NDR v3;
• 11 June 2010: TBG1 and TBG6 decide to join efforts for publishing the first v3 standards, i.e. CII, eTendering and Contract Financial Execution Management;
• 31 March 2011: new project for “Procedure for CCTS 3 & NDR 3 artefacts Publication” including first publications (CCL and 3 standards)
• April 2013: CCL and 3 standards ready for public review
• CCTS v3 and NDR v3 solve issues raised by implementers
• Required launching a v3 publication project
• The project
  – Validated the expected benefits
  – Showed the way for production to publication
  – Required additional tasks to complete or optimize the v3 based processes
• Main technical benefits are as follows
• Packaging
  – Allows publication on an as-required basis for BIEs and messages
    ➔ BIE packages and new versions of business standards can be published as needed with minimal dependence on the CCs publication
• Properties
  – More consistent use of various property term/representation term combinations, improves the quality of the library and standards
• More structured usage rules
  – Improved opportunity for automation
    ➔ Important for unbounded code type elements
• Localization
  – Allows publication and reuse for non-English settings; wider availability
• Shorter Dictionary Entry Names
  – Greater clarity because no repetition of context related information
    ➤ CI_Trade_Allowance Charge. Actual. CI_Trade_Currency Exchange becomes
    ➤ Allowance Charge. Actual. Currency Exchange

• Clearer definitions
  – The actual trade currency exchange for this CI trade allowance charge.

• Value Domains
  – Greater flexibility
    ➤ Allows better link with the context
• Reduced Namespacing
  – Reduced complexity
  ➔ 4 namespaces instead of 7

• Packaging
  – Better segregation of message sets
  – Easier for version control (more stability)
  ➔ Packages for specific implementations
  ➔ Example: limited package for eP7 (healthcare procurement)
    ➔ 2 eTendering messages (Invitation to Tender Details and Tender)
    ➔ 1 CFEM message (Contract parameters)
• Shorter tag names
  – Smaller document size and easier use
  ➔ <ram:ActualCITradeCurrencyExchange>
  ➔ <cii:ActualCurrencyExchange>

• Stand alone schemas
  – Parsing does not require connection to CFACT web site
  ➔ Development and operation more efficient, no online bottleneck, better security
Secondary Effects

• Cleaning up of Data Type Catalogue
  – Rationalization of supplementary components, less complexity, better coded information management

• More focused development in the future
  – Quicker delivery for projects, allowing
    – Increased stakeholder involvement and investment

• Fresh start for library
  – New library allows better integration of lessons learned from earlier library development

• XMLForCCTS
  – Non-proprietary delivery mechanism
  ➔ Allows reuse by various tools such as schematron...
Tools used – thanks to developers

- For CCs and BIEs production and maintenance
  - CCM Online
  - Free access for the projects and Lib Maint
  - Other tools available

- For validation, in addition to manual checks
  - Validation team tool
  - Schematron
    - Proof of concept
    - Team of volunteers
    - Schematron file and other working files on shared resource
    - Free access
• CII v3 draft for public review expected end of April 2013

Awaiting publication:
• French Government
  – Use an early draft v3 since summer 2011, to be replaced by published
• CII MUG, a CEN Guide (CWA)
  – Includes an early draft, to be replaced by published
  – See example of v3 invoice in CWA 16356 part 3
• German national Forum on eInvoicing
  – ZugFeRD, Common Invoice-Format for Germany, includes the use of CII
• Draft v3 set under implementation verification (Invitation to Tender Details, Tender) since 2012
• Pilot Users: Health procurement, eP7 in France
• Catalog based procurement, with message compliance control service
• Already 4 software packages involved (2 for procuring organizations and 2 for submitters)
• A lot of information reused and automatically processed
• eTendering V3 merges technical and functional updates
• V3 draft for public review expected end of April 2013
CFEM v3 status

• Draft v3 set under implementation verification (Contract parameters, Payment Request, Payment Certificate) since 2010
• New pilot started with local authorities (2013)
• 4 software packages or services involved (2 for procuring organizations and 2 for suppliers)
• Important improvement of SMEs cash flow expected
• CFEM V3 merges technical and functional updates
• V3 draft for public review expected end of April 2013
Main recognized benefits

- BIE packages and new versions of business standards can be published as needed
- Usage rules allow efficient use of unbounded code type elements
- Dictionary Entry Names are shorter
- Definitions are clearer
- Software Development and operation more efficient
- XML For CCTS interoperability for all tools
• First v3 projects hope that they helped
  – Initial library migration
  – Finalization of CEFACT v3 related processes
  – Reduction of resource consumption
  – Shortening project delivery lifecycle

• Other processes intended for migration: ordering, delivering, cataloguing…
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• Questions and answers?
• Don’t hesitate to contact us if you want to join!
  – karina.duvinger@gs1.se
  – michel.entat@axemio.com
  – bernard.longhi@blc-consultants.com
  – kevin.smith@clouddatatech.com