กำหนดการ:

ETDA, iText and Inbatek Conference

PDF, XML Standards & invoices

Duration :   09:00 - 16:30

Language :   English

Instructor :   Mr.Bruno lowagie, Mr.Johannes Doering and Mrs.Chanpreet Kathuria

July 27th, 2017

9:00	**Welcome** Introduction of the participants **How standards drive business** The Umbrella of Standards • Evolution of proprietary standard owned by Adobe to a collection of ISO standards • Focus on three areas • PDF/A in general • PDF/UA and more • PAdES (an ETSI standard, not an ISO standard) • ISO 32000-2 (PDF 2.0): "Why PDF 2.0? What's new?" • What's next for PDF: Next-Generation PDF
9:30	**PDF/A and ZUGFeRD** More details on the use of PDF/A for invoices
9:45	**Implementation of the Thai Invoicing specification** • Practical example (iText 5&7): which components were used • Small workshop
10:20	**Short history of iText** • Why was it created? • How does iText fit in the document workflow? • Why is it open source? Is open source free? • iText licensing options Why iText
10:45	**Break**
11.00	**iText jump-start tutorial** • Creating documents from code with iText 7 (basic building blocks)

July 27th, 2017	
	• PDF syntax and low-level PDF creation (RUPS and/or PdfDebug) • Filling out forms (AcroForm technology) • Manipulating existing PDF documents (watermarks, splitting, merging) Outlines, viewer preferences, metadata,..
11.20	**HTML to PDF** Why is it important? • Use case: De Persgroep • Future with Tyrion Practical examples: • General examples Applied to invoices
12:00	**Lunch**
13:00	**Digital Signatures in PDF: how it's done** • The theory about digital signatures • The challenge of Blockchain in digital signature
14:30	**Signing XML documents** XAdES: the theory + example
14:45	**Practical examples** • Encryption (password encryption / certificate encryption) • Digital Signing: signing a document in different ways
15:00	**Break**
15:15	**Removing confidential data from PDFs** Description of the problem pdfSweep examples • Redaction examples (redaction annotations / rectangles) Parse for content, remove that content
16:00	**Extracting data from PDF documents** Parsing a PDF file to text

July 27th, 2017	
	Parsing a PDF file to data records (pdf2Data)
16:15	e-Tax Invoice by TeDA - PDF Generator on PC
17.00	Conclusion