

Project Acronym: PEPPOL
Grant Agreement number: 224974
Project Title: Pan European Public Procurement Online
Website: www.peppol.eu



Transport Infrastructure ICT Services-Components

Transport Infrastructure Components Overview

Version: 1.00
Status: In-Use

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Revision History

Version	Date	Editor	Org	Description
1.00	15.03.2012	Klaus Vilstrup Pedersen	DIFI	Initial version

- ▶▶ The Services and Components that supports the BusDoX Transport Infrastructure are related to the following:
 - ▶▶ SML – Service Metadata Locator
 - ▶▶ SMP – Service Metadata Publisher
 - ▶▶ AP – Access Point
- ▶▶ To support Developers, the following initiatives are present
 - ▶▶ PEPPOL SML/AP Sample Code
 - ▶▶ Silicone SMP/AP Implementations
 - ▶▶ Oxalis AP Implementation

- ▶▶ Guideline for reaching and using the SML
- ▶▶ PEPPOL Sample Code for developing a SML

- ▶▶ Silicone SMP Implementation
 - ▶▶ Developer Guide
 - ▶▶ Java Sample Code for Metro Platform

- ▶▶ PEPPOL Sample Code for developing an AP
 - ▶▶ Java Developer Guide
 - ▶▶ Java Sample Code for Metro Platform
 - ▶▶ .NET Developer Guide
 - ▶▶ .NET Sample Code for .NET Platform
- ▶▶ Silicone AP Implementation
 - ▶▶ Documentation
 - ▶▶ Java Sample Code for Metro Platform
- ▶▶ Oxalis AP Implementation
 - ▶▶ Documentation
 - ▶▶ Java Sample Code for Metro Platform

- ▶▶ 3 Sources of resources are provided:
 - ▶▶ Sample Code – Java and .Net Code Components that can be reused in **AP** implementations
 - ▶ Follows a planned release cycle
 - ▶ High degree of self implementation - Low Risk
 - ▶▶ Oxalis - Fully functional and production ready **AP** in Java on the Metro platform
 - ▶ First version ready and in a steady state, but not currently in a planned release cycle
 - ▶ Low degree of self implementation – Medium risk
 - ▶▶ Silicone – Open Source Community dedicated to create Components for **SML/SMP/AP**
 - ▶ Ad-hoc releases, but state of the art
 - ▶ Low degree of self implementation – Medium risk

- ▶▶ Objective
 - ▶▶ Give implementers and developers code that can be reused in their implementations of APs
 - ▶▶ Support given by the PEPPOL organisation
- ▶▶ Contained PEPPOL components will be
 - ▶▶ AP (AccessPoint) for START

- ▶▶ Objective
 - ▶▶ Create a fully functional and production ready AP in Java on the Metro platform.
 - ▶▶ Support given by DIFI
- ▶▶ Contained PEPPOL components will be
 - ▶▶ AP (AccessPoint) for START

- ▶▶ Objective
 - ▶▶ Open Source Community
 - ▶▶ Dedicated to build PEPPOL/openPEPPOL software components
 - ▶▶ create fully functional, easy-to-use and easy-to-reuse software components
- ▶▶ Contained PEPPOL components will be
 - ▶▶ SML (Service Metadata Locator)
 - ▶▶ SMP (Service Metadata Provider)
 - ▶▶ AP (AccessPoint) for START and LIME
 - ▶▶ Validation engine and rules
 - ▶▶ Visualization engine and rules
 - ▶▶ A set of shared components

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