An Introduction to FutureTrust Pilots

www.futuretrust.eu

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Against the background of the regulation 2014/910/EU on electronic identification (eID) and trusted services for electronic transactions in the internal market (eIDAS), the FutureTrust project aims at supporting the practical implementation of the regulation in Europe and beyond. For this purpose, the FutureTrust project will address the need for globally interoperable solutions through basic research with respect to the foundations of trust and trustworthiness, actively support the standardisation process in relevant areas, and provide Open Source software components and trustworthy services which will ease the use of eID and electronic signature technology in real world applications.

The FutureTrust consortium aims to demonstrate the project’s contributions in four demonstrators out of which at least one will be extended to a real-world pilot application which is scheduled to become productive after the FutureTrust project.

These demonstrators and pilot applications will each deploy the required subset of the FutureTrust service components necessary for the specific application scenario in order to prove the viability of the overall approach and demonstrate that trustworthy and legally binding electronic transactions are possible on a global scale.

**eInvoice Submission System for the Austrian Public Sector**

BRZ develops and operates the Austrian shared application “eInvoice submission to the Austrian Public Sector” by order of the Austrian Federal Ministry of Finance. The eInvoice System is integrated in the Austrian governmental business portal “USP” (https://www.usp.gv.at), which provides user identification/authentication and access control of users, when using integrated eServices.

User authentication is also necessary when using web service communication from integrated eServices. USP offers a specific authentication service to prove very stringent applying organisations (companies, associations, other entities) and the respective agent’s authority, within a process with human interaction and approval.

**Multicert e-Mandate Service**

The e-Mandates demonstrator will showcase the complete workflow of issuing an e-Mandate, i.e. authorizing online a SEPA interoperable direct debit, compliant with standard EPC208-08.

Based on the 4-corner model, a fully featured Routing Service and Validation Service will be implemented. The remaining services (Creditor website and Debtor Bank home-banking) will be developed as mock services to complete the workflow.

The e-Mandates workflow will be further extended and integrated with FutureTrust services, namely Identity Management Service, Signature Service and Comprehensive Validation Service. This will demonstrate how these advanced electronic services could further improve the existing standards.
PSDA eApostle

The contracting states of the Apostille Convention may use simplified procedures for certifying authenticity of documents and signatures/seals affixed to it by applying distinguished endorsements (e.g. special stamps on paper documents). Usually, the official documents (e.g. birth certificates, education certificates, etc.) are endorsed this way. If the endorsement is issued electronically, it usually has a form of electronic signature or seal on PDF file.

The demonstrator is aimed to create a unified verification system, capable of verifying authenticity of the electronic endorsement, considering country (and issuer) specific rules. It will also let issuers revoke endorsements electronically.

BVA Gateway

The Federal Office of Administration in Germany (BVA) develops and operates several applications. In general, a website of an application is called www.app.bva.bund.de, app stands for application and can be any kind of application as for example www.bafoegonline.bva.bund.de or www.azr.bva.bund.de. The plan is for all applications with a higher requested level of security than just password and username access to build a so called Future Trust box. This box would allow access to various applications via the German nPA or electronical residence permit, European IDs or any international ID, which is notified by the European commission. The idea for the BVA pilot is therefore to extend the identification/authentication service towards a “Global Trust List”, become international and prove the concept of the FutureTrust services. BVA will also demonstrate a governmental service portal which will include various apps, dependant on available resources.
### Participants

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<td>Federal Office of Administration Germany</td>
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### Program Information

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**Start:** June 2016  
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