Future Internet Business Collaboration Networks in Agri-Food, Transport & Logistics:

...FIspace...is

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Flspace is...

Facebook/LinkedIn-like Platform/Ecosystem to provide easy and affordable ICT support for Business Collaboration Processes encompassing:

• Information provisioning for Business Collaboration Processes thus supporting instances of Business Processes
• Finding, connecting and using a wealth of data sources (IOT, Services, Legacy Systems) - B2B
• Finding, connecting to (and using data from) Government Agencies - B2G and G2B!
• Providing a platform for App developers!
• Providing a platform for Business Engineers (BCM)!

If we succeed, and yes we can, it will have huge impact on business innovation
K&N joined the FInest platform

Kühne & Nagel, one of the world's largest logistic service providers, adopted the FInest platform.

AFKLM joined the FInest platform

Air France KLM Cargo joined the user group for the FInest collaboration services.

Paluno to offer eContracing App

Paluno (the Ruhr Institute for Software Technology) offers a novel eContracting app and gadget for the FInest platform.

SAP to deploy first FInest instance

SAP is to offer the FInest platform services as part of their business by design portfolio.
Example: Smart Farming in the Cloud

- E-agriculturist Service for spraying potatoes
- Machine Breakdown Service
- Spraying Advisory Services
- Meteorological Service
- State and Policy Information Service
- FMIS

Services

**fi-ware**
FI-WARE enabled Flspace Platform

**Flspace App Store**

Development Toolkit

Front-End

- System & Data Integration
- Security, Privacy, and Trust
- Operating Environment

Local FMS

- Sensors
- Actuators
- Data sources ('Internet of Things')

Source: User's devices

Other sources
Technical Overall Platform Approach

User

App 1

Collab. Workflow 1

... App n

... Collab. Workflow k

Flspace: Extensible SaaS

Extension Mechanism 1:
Addition of value-add functionality through Apps

http://www.acsi-project.eu/

Extension Mechanism 2:
Configurable Collaborative Workflows

Deployed in the Cloud

Future Internet Core Platform

Ubiquitous Broadband Connectivity
Real World Integration
Infrastructure Virtualization
Service Provisioning & Consumption
Security & Reliability
Tool Support

fi-ware

I2ND
IoT
Cloud
IoS
SPT
FI-CODE

Collab.
Workflow 1

Generic Enablers

Collab.
Workflow k

Collab.
Workflow 1

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User
FLspace Modules

Security, Privacy, Trust

- Operating Environment
  - Cloud Service Bus
  - Registry
  - Consistency Management
  - Monitoring

- User Front-End
  - Customizable End-user Dashboards
  - Ubiquitous Access
  - Social Networking & Collaboration

- App Store
  - Provisioning
  - Purchase
  - Repository
  - Financial & Revenue Sharing
  - Discovery

- B2B Collaboration Core
  - B2B Collaboration
  - Event Handling

- System & Data Integration
  - Business & Legacy Systems
  - IoT/loT Integration
  - Data Mediation

- Identity Management
- Access Control
- Authentication
- Data Security
- Security Assurance

Software Development Toolkit

- IDE
- Libraries
- Authoring Tools
Thanks for your attention!

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