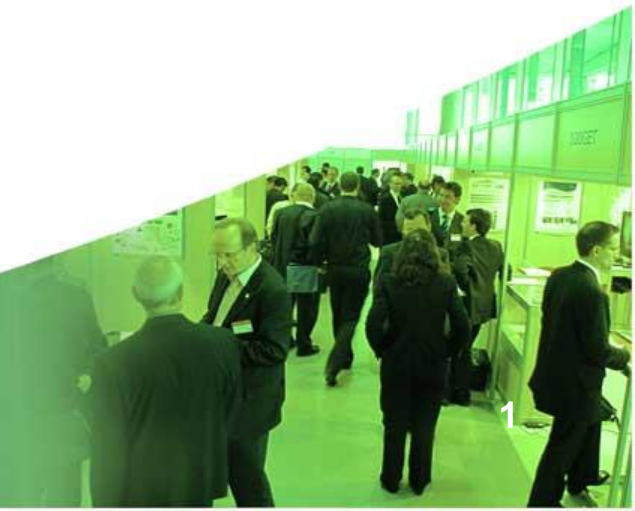Celtic-Plus Event
28-29 April 2016, Stockholm

INGENISENSE

Ekrem AKSOY, SYM Software
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Teaser

- What is the main benefit of the proposal?
  - **INGENISENSE** allows industries to analyze IoT data for Prediction and Anomaly Detection
- What brings the added value?
  - Cloud-based, Generic IoT platform will help industries to start using IoT reliably and securely
- Why should you participate in my proposal?
  - Convergence of IoT ecosystem with Industries
  - We're in Istanbul, Bosphorus...☺

SYM & Inosens

- SYM Software
  - Founded in 2006, 3 experts on Distributed Systems, Big Data Analytics, Machine Learning
  - 3 EUREKA projects
  - 1 in EURIPIDES[2] (ADORAS)

SYM & Inosens

- Inosens
  - Founded in 2014, 2 experts on Telecom/Defense Area, Data Analytics
  - 1 in EURIPIDES^2 (ADORAS)
  - Founder has 20+ EUREKA projects exp.

Proposal Introduction (1)

INGENISENSE is a cloud based Data Analytics Platform for Predictive Maintenance Applications using IoT Sensor Data

- Vision
  - To create global data analytics platform for IoT
- Motivation
  - Our motivation is to solve infrastructure management problem, to ease developing predictive maintenance applications on IoT Sensor Data
- Content
  - Fog Computing, New Standard Definition for IoT I/F and Predictive Maintenance, Anomaly Detection on Sensor Data

- Outcome
  - A Cloud-based Data Analytics Platform for IoT Sensors + New IoT Sensor Data I/F Protocol and Standard will be produced

- Impact
  - To enable industries to jump-start IoT and Predictive Maintenance

- Schedule
  - ~30 mo. (Interface Definition, Data Flow, Cloud Platform Dev., Integration, Field Tests, Dissem.)

Partners

- Current Status
  - SYM + Inosens
- Expected Partner Profile:
  - IoT vendors (SME/Ind)
  - Sensor Fusion experience (SME/Uni)
  - Hardware Development/Prototyping (SME)
  - System Owners/Operators (Transportation, Energy, etc.) (Ind/Pub)

Contact

- For more information and for interest to participate please contact:

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