Celtic-Plus Event
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INGENISENSE

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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 EURIPIDES² (ADORAS)
SYM & Inosens

• Inosens
  – Founded in 2014, 2 experts on Telecom/Defense Area, Data Analytics
  – 1 in EURIPIDES² (ADORAS)
  – Founder has 20+ EUREKA projects exp.
Proposition 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
Proposal Introduction (2)

• 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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