

Fostering IoT by SMEs through open standards

We are talking about....

IoT (Internet of Things)

Standard Platform: **OneM2M** (ETSI+)

Open Source Framework

SMEs: providing digital services and solutions

SMEs: using digital services and solutions

Matters of fact

- ◆ IoT is a swiftly growing market
- ◆ EC is supporting IoT projects
- ◆ European Market is “colonised” by large companies
- ◆ Many SMEs are active in IoT

Matters of fact

- ◆ To have a lead role in IoT area SMEs have to use Standard Open Source Frameworks
- ◆ Pacific area is very active in positioning in IoT Open Source
- ◆ There is no strong Open Standard offer to European SMEs
- ◆ An expert of Digital SME Alliance works in OneM2M ETSI+ committee

oneM2M

oneM2M - Standards for M2M and the Internet of Things

The purpose and goal of oneM2M is to develop technical specifications which address the need for a common M2M Service Layer that can be readily embedded within various hardware and software, and relied upon to connect the myriad of devices in the field with M2M application servers worldwide. A critical objective of oneM2M is to attract and actively involve organizations from M2M-related business domains such as: telematics and intelligent transportation, healthcare, utilities, industrial automation, smart homes, etc. Initially, oneM2M shall prepare, approve and maintain the necessary set of Technical

Aims of the proposal

Create a SMEs consortium/focus group/alliance... focused on:

- ◆ Mapping of SMEs needs
- ◆ Validate Open Source IoT frameworks fitting European SMEs needs
- ◆ Supporting Open Source IoT frameworks
- ◆ Cooperate with AIOTI (Alliance for Internet of Things Innovation)
- ◆ Cooperate with Standard Bodies to define standard API and open standard frameworks
- ◆ Supporting creation of a network of SMEs Competence centres
- ◆ Supporting deployment of IoT services and software solutions produced and/or usable by SMEs

Aims of the presentation

- ◆ Focus IoT area, standard and market
- ◆ Highlight the golden opportunity
- ◆ Gather opinions, suggestions...
- ◆ Explore chances of partnership

Thank You!