Leading ICT Standards Development Organizations Launch oneM2M

New Global Organization will Create Technical Specifications to Ensure that Machine-to-Machine Communications Can Effectively Operate on a Worldwide Scale

BELLEVUE, WASHINGTON (July 24, 2012) – Seven of the world's leading information and communications technology (ICT) Standards Development Organizations (SDOs) today launched a new global organization to ensure the most efficient deployment of machine-to-machine (M2M) communications systems. The new organization, called oneM2M, will develop specifications to ensure the global functionality of M2M—allowing a range of industries to effectively take advantage of the benefits of this emerging technology.

At a meeting today in Bellevue, Washington, major ICT SDOs — the Association of Radio Industries and Businesses (ARIB) and the Telecommunication Technology Committee (TTC) of Japan; the Alliance for Telecommunications Industry Solutions (ATIS) and the Telecommunications Industry Association (TIA) of the USA; the China Communications Standards Association (CCSA); the European Telecommunications Standards Institute (ETSI); and the Telecommunications Technology Association (TTA) of Korea – formally launched oneM2M. The members of the organization are devoted to developing technical specifications and reports to ensure M2M devices can successfully communicate on a global scale.

The number of worldwide M2M connections is growing exponentially, with some forecasts as high as 50 billion by 2020. These connections will reside within virtually every major market category, and oneM2M will play a vital role to ensure that these industries – from healthcare to transportation and energy to agriculture – can benefit fully from the economic growth and innovation opportunities that M2M communications presents. Already, communications service providers are positioning their networks to take advantage of the growing demand for M2M services. The specifications developed by oneM2M will provide a common platform to be used by communications service providers to support applications and services as diverse as the smart grid, the connected car, eHealth and telemedicine, enterprise supply chain, home automation and energy management, and public safety.

The initial goal of oneM2M will be to confront the critical need for a common M2M Service Layer, which 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. With an access independent view of end-to-end services, oneM2M will also develop globally agreed-upon M2M end-to-end specifications using common use cases and architecture principles across multiple M2M applications.

Ultimately, the work of oneM2M will drive multiple industries towards the goals of lowering operating and capital expenses, shortening time-to-market, creating mass-market economies of scale, simplifying the development of applications, expanding and accelerating global business opportunities, and avoiding standardization overlap.

oneM2M is open to participation from other interested organizations and parties, as well as cooperative efforts with other organizations. For further information please consult www.onem2m.org or contact:

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