oneM2M

The global standards partnership for machine to machine communications and Internet of Things

why oneM2M?

- » Boost economies of scale and shorten time-to-market
- » Reduce market fragmentation
- » Simplify development of M2M applications and integration of services
- » Leverage network interoperability for enhanced reach of services and expanded business opportunities
- » Enhance M2M security and reliability
- » Reduce standardization overlap

oneM2M partners

ARIB* - Association of Radio Industries and Businesses
ATIS* - Alliance for Telecommunications Industry Solutions
Broadband Forum
CCSA* - China Communications Standards Association
Continua
ETSI* - European Telecommunications Standards Institute
HGI - Home Gateway Initiative
New Generation M2M Consortium
OMA - Open Mobile Alliance
TIA* - Telecommunications Industry Association
TTA* - Telecommunications Technology Association
TTC* - Telecommunication Technology Committee
* founding partner

what is oneM2M?

The oneM2M project develops globally agreed-upon, access independent, end-to-end specifications for an M2M communications and management system that can be readily embedded within various hardware and software, connecting the wide range of devices in the field with M2M application servers worldwide. The project brings together eleven of the world's leading ICT Standards Development Organisations and industry consortia.

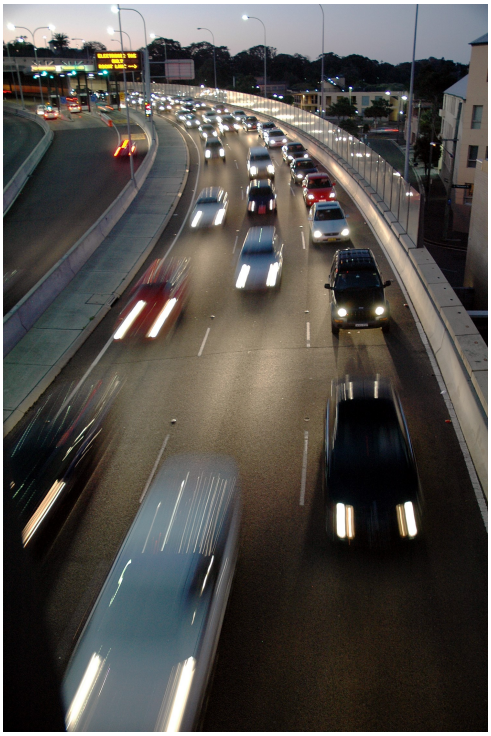
oneM2M specifications provide a common means for communications service providers to support applications and services as diverse as the smart grid, the connected car, home automation, energy management, enterprise supply chain, public safety, eHealth and telemedicine.

oneM2M Specifications

oneM2M has delivered its first Candidate Release of specifications. This initial set of Technical Specifications is now available for public comment, at www.onem2m.org/candidate_release/

oneM2M provides...

- » Common set of Service Layer capabilities
- » Access independent view of end-to-end services
- » Open /standard interfaces, APIs and protocols
- » Security, privacy, and charging
- » Reachability and discovery of applications
- » Interoperability, including test and conformance specifications
- » Identification and naming of devices and applications
- » Management aspects (including remote management of entities)



www.onem2m.org

To become a member of oneM2M, contact a founding partner in your region

oneM2M members

3M Company
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Actility SA
Adobe Systems
Advanced Telecommunications Research Institute International
Aepona
Alcatel-Lucent
Amdocs Software Systems Ltd.
Anritsu Corporation
AT&T
AT4 Wireless S.A.
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Blackberry
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Kaon Media
KCA
KDDI Corporation
KETI
Keynote SIGOS
Korea Wireless Internet Solution Association (KWISA)
KT
LAAS-CNRS
LG Electronics
LGU+
Marben Products
MeadowCom
MediaTek Beijing Inc.
Ministero Sviluppo Economico
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Morpho Cards GmbH
Motorola Mobility UK Ltd.
NEC Corporation
Neustar
Nippon Telegraph and Telephone Corp. (NTT)
NMHH
ntels
NTT DoCoMo Inc.
NXP Semiconductors
Oberthur Technologies
Office of Emergency Communications(former NCS)
OMRON Corporation
Oracle
Orange SA
OU Elvior
Panasonic Corporation
Portugal Telecom SGPS SA
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