

本技術レポートは、様々な産業セグメント（エネルギー、企業、ヘルスケア、公共サービス、住宅、輸送、その他）から収集された M2M ユースケースを包括したものである。各々のユースケースには、概要、情報源（寄稿者）、動作主体、前提条件、トリガー、動作主体およびシステム間相互作用シーケンスの正常フローおよび代替フロー、事後状況、イラスト、潜在的な要求事項が含まれる。潜在的な要求事項には寄稿者から見てそのユースケースから起こり得る oneM2M 要求事項の初期の見解が含まれており、読者がユースケースのニーズを理解するのに手助けとなる。これらの潜在的な要求事項は（しばしば十分に編集された後）oneM2M 要求事項の一つとして合意済みまたは未合意であるが、oneM2M 要求事項の候補として検討するために、寄稿者によって提示されたかもしれない。それ故、本技術レポートに記載されている潜在的な要求事項と合意済み oneM2M 要求事項（TS-M2M-0002v0.6.2 “oneM2M Requirements Technical Specification”）とは直接的に対応していない可能性がある。

The present document includes a collection of use cases from a variety of M2M industry segments (listed in table 1). Each use case may include a description, source, actors, pre-conditions, triggers, normal and alternative flow of sequence of interactions among actors and system, post-conditions, illustrations and potential requirements. The potential requirements provide an initial view of what oneM2M requirements could arise from the Use Case as seen by the contributor. These are intended to help the reader understand the use case's needs. These potential requirements may have been subsequently submitted by the contributor for consideration as candidate oneM2M requirements, which may or may not have been agreed as a oneM2M requirement (often after much editing). As such, there may not be a direct mapping from the potential requirements to agreed oneM2M requirements.

Table -1

Industry Segment	oneM2M Use Cases							
Agriculture								
Energy	Wide area Energy related measurement/control system for advanced transmission and distribution automation	Analytics for oneM2M	Smart Meter Reading	Environmental Monitoring for Hydro-Power Generation using Satellite M2M	Oil and Gas Pipeline Cellular /Satellite Gateway			

Industry Segment	oneM2M Use Cases							
Enterprise	Smart building							
Finance								
Healthcare	M2M Healthcare Gateway	Wellness services	Secure remote patient care and monitoring					
Industrial								
Public Services	Street Light Automation	Devices, Virtual devices and Things	Car/Bicycle Sharing Services	Smart parking	Information Delivery service in the devastated area			
Residential	Home Energy Management	Home Energy Management System	Plug-In Electrical Charging Vehicles and power feed in home scenario	Real-time Audio/Video Communication	Event Triggered Task Execution	Semantic Home Control	Semantic Device Plug and Play	
Retail								
Transportation	Vehicle Diagnostic & Maintenance Report	Remote Maintenance services	Neighbourhood Alerting on Traffic Accident	Fleet management service using Digital Tachograph				
Other	Extending the M2M Access Network using Satellites	M2M data traffic management by underlying network operator	Optimizing connectivity management parameters with mobile networks	Optimizing mobility management parameters with mobile networks	Sleepy nodes	Collection of M2M system data	Leveraging Broadcasting/Multicasting Capability of Underlying Networks	Service Provisioning for Equipment with Built-in Device