

## M2M & D2D Patents for IoT Data 1Q 2015

M2M & D2D Patents for IoT (Internet of Things) Data 1Q 2015 is a custom research of TechIPm, LLC ([www.techipm.com](http://www.techipm.com)) based on patents analysis for the M2M & D2D market leaders and innovators.

### Methodology

1. Search for M2M & D2D related patents.

- Search the current USPTO database for the M2M & D2D patent applications published or issued as of 1Q 2015

2. Review the searched patents for M2M & D2D key patents.

- Review the searched patents to filter out the non-relevant patent applications
- Categorize the identified M2M & D2D patents through the evaluation process by key technologies

Key technology components for M2M: Application Management, Channel Estimation & Management, Congestion & Overload Control, Connection Control, Coverage Enhancement, Data Management, Data Transmission, Device Architecture, Device Management, Event Management, Gateway, Interference Management, IP Address Allocation, Low Power Design & Management, Mobility, Multi-hop, Networking, Network Architecture, Networking Management, Platform, Relay, Resource Management, Scheduling, Security, Server, Service Architecture, Service Management, Synchronization

Key technology components for D2D: Application Management, Channel Estimation & Management, Connection Control, Coverage Management, Data Management, Data Transmission, Device Architecture, Device Management, Discovery, Interference Management, Link Adaptation, Mobility, Networking Management, Opportunistic Communication, Positioning Power Control, Proximity Determination, Proximity Service, QoS, Relay, Resource Management, Scheduling, Security, Service Management, Synchronization, Traffic Control

### Deliverables

**MS excel file** for current assignee, patent/publication number, hyperlink to Google Patent technology group, title, abstract, and application date

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