

- Announced at ARM TechCon 2014
- ARM is expanding their mbed OS so it can be used as a platform for Internet of Things (IoT)
- Free release to stimulate Cortex-M sales / kick-start IoT

ARM[®]mbed[™]
IoT Device Platform

mbed Ecosystem

- Partners
- Developers
- Enabled Services
- Enabled Products

mbed Device Server

- Free for development
- Licensable for commercial use
- Application data and device management

mbed OS

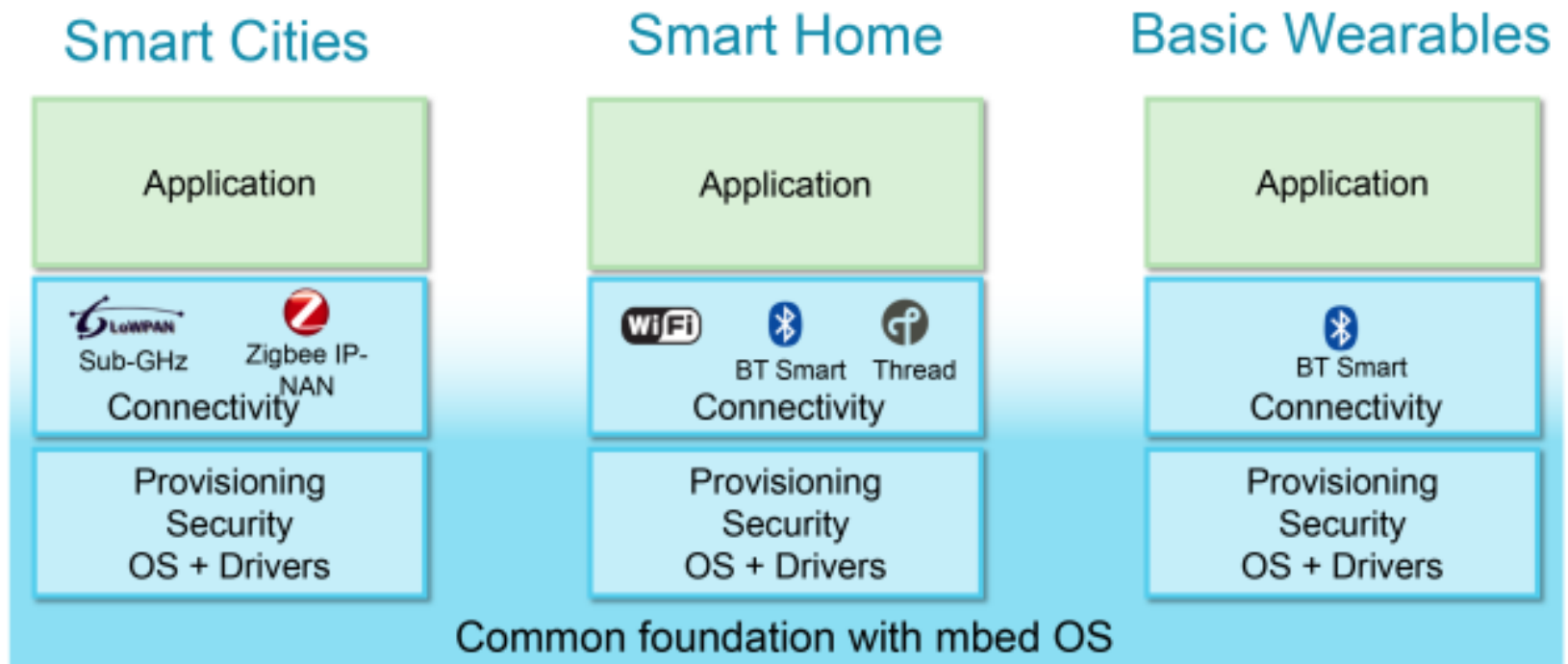
- Free on ARM architecture
- Energy-efficiency, productivity, connectivity, security

ARM Cortex[®]-M
-based MCU

ARM

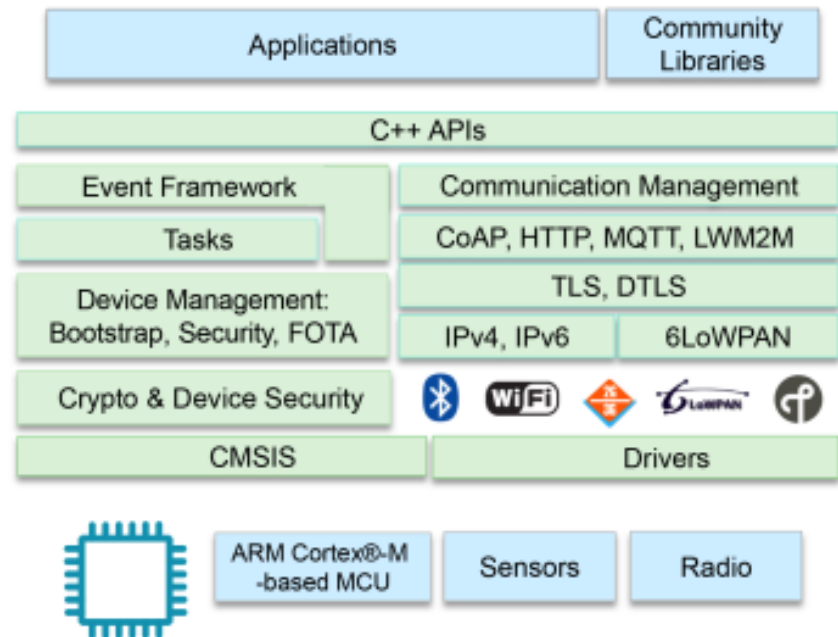
- RESTful architecture (Representation state transfer)
 - Client-server separation
 - Stateless
 - Cacheable
 - Layered system
 - Code on demand
 - Uniform interface

Common OS and Connectivity Across Markets



- mbed OS still under development
- full release in late 2015

mbed OS Roadmap 2015



ARM

- Device server software to bridge mbed OS device interaction with web services
- Based on open standards
- Requires integration with cloud server
- Commercial License Required

