Fast track to secure, scalable IoT value

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100 bn
ARM-based chips shipped since 1991
Hallmark of energy-efficient computing

1000+
partner ecosystem
Creation of shared value to achieve scale

Strong focus also on IoT SW Platform
- Device Operating System
- Cloud platform
Connecting chip to cloud

Device software

- IoT device application
- mbed clients – mbed OS, tools
- Device silicon and hardware

ARM mbed

mbed Cloud

- Update
- Provision
- Connect

Third-party cloud services

IoT cloud application

- App management
- Analytics and rules
- Web servers
- Scale-out
- Load balancing
- Data storage

ARM mbed clients – mbed OS, tools

Device silicon and hardware
Multi-protocol connectivity for IoT at scale

IoT systems need secure, cost effective connectivity for a diversity of device applications
What will mbedOS NB-IoT offer?

- Easy internet and message interface for application
  - internet
  - non-ip data
- Integration APIs for silicon / modem providers to integrate below the IP stack