

Datalysys Embedded Solutions

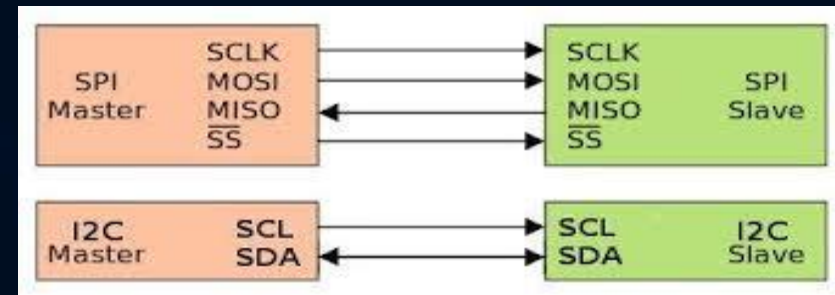


Embedded Offerings

- ❑ ARM Linux Kernel and platform Developments
- ❑ IOT Developments
- ❑ Android Application and Framework developments
- ❑ Embedded windows developments

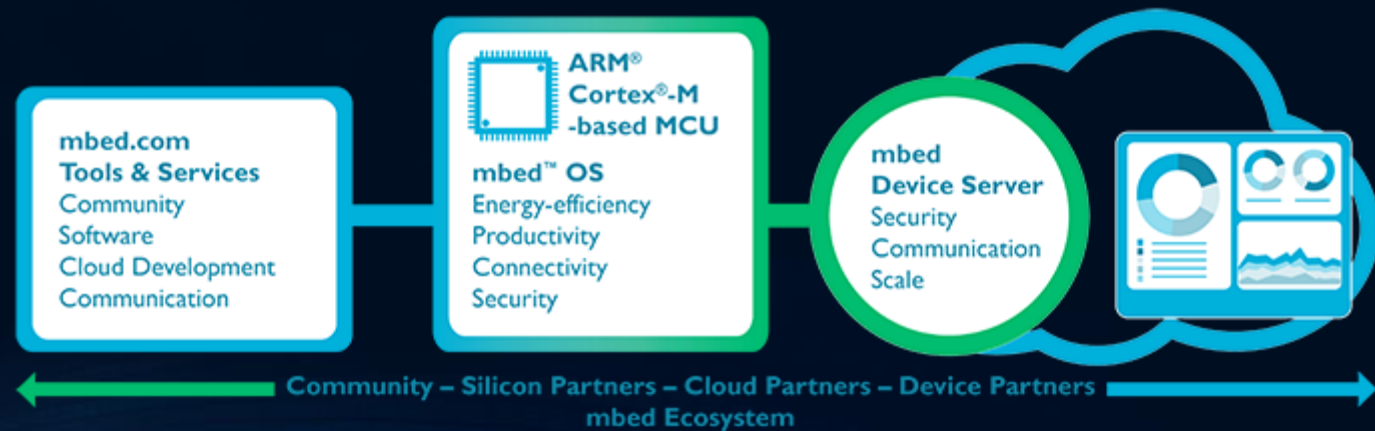
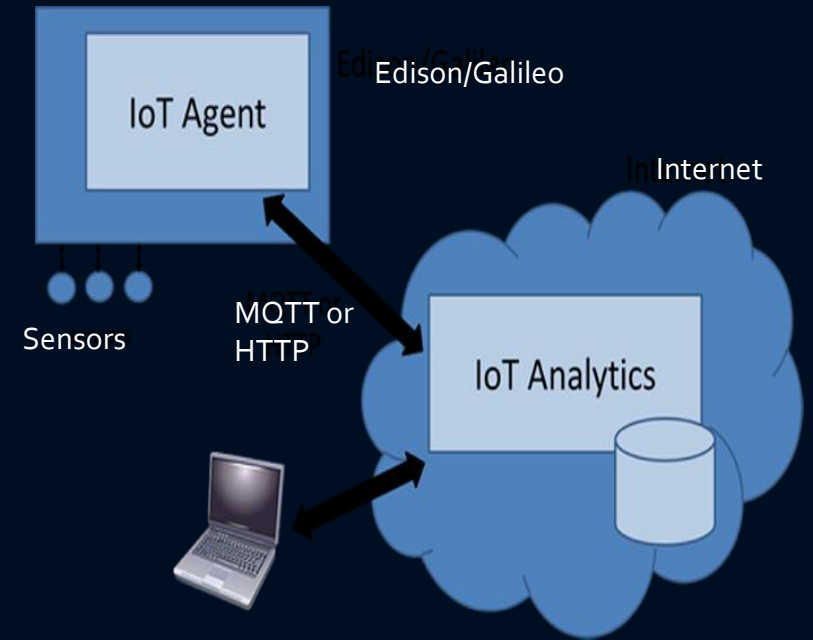
ARM Linux Kernel and platform Developments

- ❖ Kernel Source code building
- ❖ Cross compiling the kernel
- ❖ Audio driven platform development [ALSA SOC Driver]
- ❖ Networking applications on ARM targets
- ❖ I2C/SPI driven platform development
- ❖ GPIO accessing and controlling
- ❖ Multi Threaded Programming
- ❖ Application development in C,C++ and assembly
- ❖ ARM intrinsics , MIPS and Memory optimizations



IOT Developments

- ❖ mBed IOT OS support
- ❖ Sensors to Server support on IOT platform
- ❖ Quick development on IOT platforms
- ❖ Cloud based Application Development
- ❖ Best support on **ARM** Cortex-M7 IOT processor
- ❖ Hands on with **Intel** Edison



Embedded Windows

- ❖ Windows UMDF and KMDF driver developments
- ❖ Drivers and frame works for Sensor Devices
- ❖ Framework and applications development for Network Devices
- ❖ Win32 applications
- ❖ USB and Serial Communication



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