

On October 1, 2014, ARM launched a new software platform and free operating system to simplify and speed up the creation and deployment of Internet of Things (IoT) products. The **ARM® mbed™ IoT Device Platform (<http://mbed.org/>)** has been built around open standards and brings Internet protocols, security and standards-based manageability into one integrated solution optimized for energy and cost-constrained devices. This new platform will accelerate the growth of the IoT by enabling innovators to focus on value-add features and differentiation.

The mbed IoT Device Platform includes the **mbed OS, mbed Device Server and the mbed.org community**. The device-side OS runs on ARM Cortex®-M processor-based designs and the mbed Device Server runs in virtualized environments. The OS design means that constrained and relatively “dumb” devices can communicate back to smarter ones running higher power OSes.