

EMPOWER YOUR BRAND

Enhance & Secure with MULTOS

Wearable IoT Consumer Convenience, Leveraging Enhanced Security & Flexibility

In connected consumer device markets the growth of the Internet of Things (IoT) represents huge potential. Industry estimates for the number of unique IoT applications developed by 2020 are a quarter of a million, and predictions for IoT devices in 2020 range from 24 billion to 200 billion. The global IoT market has been forecast to be worth \$14 trillion by 2022. Consumer IoT devices often require flexible application lifecycle management with trusted secure provisioning and updating. MULTOS technology delivers these.



Secure: End to End Protection



Public Key Infrastructure (PKI) is IT industry renowned as the optimal architecture for combined flexibility and security. MULTOS utilises PKI at its core to secure endpoint IoT devices. Wearable IoT consumer product providers can leverage MULTOS Trust

Anchors, comprising embedded integrated circuits with the loaded MULTOS operating system. This provides an ultra-secure execution environment which protects the wearable device from malware and other digital attacks. MULTOS Trust Anchors support provisioning from cryptographic services from hosted or licensed MULTOS Certificate Authority platforms, facilitating full end-to-end protection, and ultimately contributing to the protection and longevity for the brand.

Flexible: Provisioning & Updating

IoT applications can be pre-loaded within MULTOS Trust Anchors, or loaded remotely as required by the service or consumers. The core PKI architecture facilitates flexible and cost effective real-time provisioning avoiding traditional costly remote provisioning solutions. Third party applications such as payment can also be securely provisioned on MULTOS compatible devices. Throughout the wearable IoT device lifecycle MULTOS allows secure and cost efficient application updating, empowering functionality and enhancing the brand.

Open: Vendor Agnostic Technology

MULTOS is an open standard, managed by a diverse and open industry consortium, ensuring a flexible market eco-system for all members and users of the technology. Membership continues to grow as more businesses leverage the benefits MULTOS provides for secure applications and IoT devices.