



Secure - Fast - Easy

MULTOS is the industry-leading IC cards and smart devices platform that offers best-in-class **security, speed, and simplicity** for issuers, developers, and manufacturers. Whether you need a secure payment solution, ID management, or a scalable IoT infrastructure with optimal security, MULTOS ensures reliability and efficiency across the entire lifecycle.

MULTOS is SECURE

- ✓ **Guaranteed Security:** The unique application management mechanism based on asymmetric cryptography and digital certificates secures all aspects of application provisioning.
- ✓ **Application Integrity:** The issuer maintains full control of all real estate on the device and any unauthorised or accidental modifications are instantly rejected by the device.
- ✓ **Secure from Manufacturing to Issuance:** Unique transport keys are injected at the wafer level, ensuring that enablement data can only be loaded onto the targeted device. Modules can then be shipped to any card manufacturer without compromising their security.
- ✓ **Industry Certified:** MULTOS products meet **EMVCo and Common Criteria (EAL4+) security standards**.
- ✓ **Third-Party Type Approval:** Every MULTOS product undergoes rigorous interoperability and security testing.

MULTOS is EASY

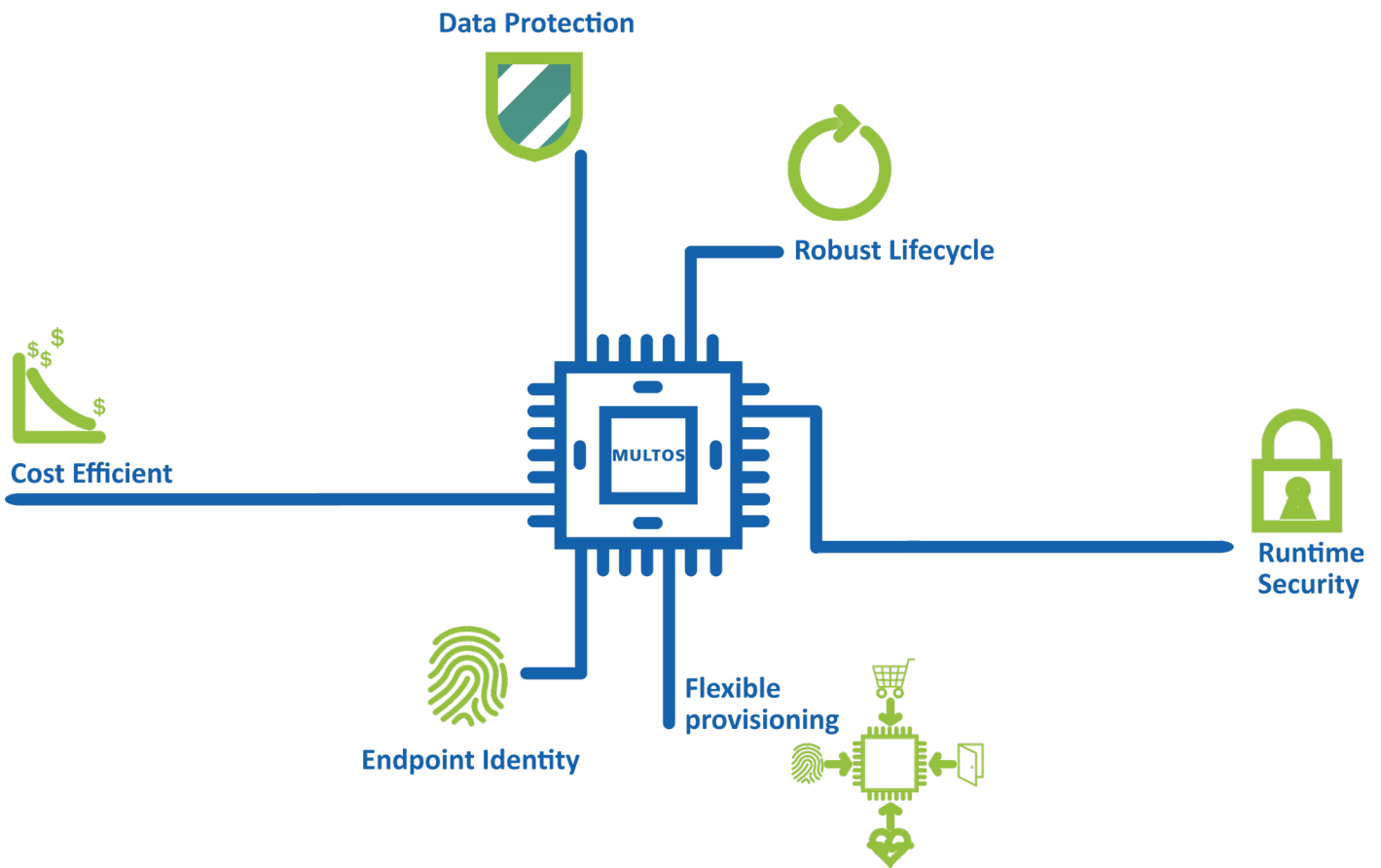
- ✓ **Quick Application Loading:**
 - MULTOS applications have small memory footprints due to the use of efficient compiler tools enable effective application loading.
 - In some cases, application code is in a codelet forming part of the original mask, reducing the amount of data required to load.
- ✓ **Rapid Personalisation:** The application loading mechanism does not require complex cryptographic exchanges as verification takes places on the device itself.
- ✓ **Optimised for High-Speed Performance:** Compact application code and an efficient virtual machine ensure superior execution speed.
- ✓ **Instant Issuance Ready:** MULTOS supports **fast, error-free issuance** enabling device delivery and activation on-demand.
- ✓ **Accelerated Time-to-Market:** A suite of **pre-approved applications** is available, reducing development time and costs.



MULTOS is FAST

- ✓ **Simple Provisioning:** The standardised personalisation script minimises errors and reduces operational overheads.
- ✓ **Smart Personalisation Mechanism:** MULTOS application load certificates (ALC) ensure corrupted data cannot be loaded onto a device. MULTOS application delete certificates (ADC) ensure any errors in issuer data can be easily and quickly corrected.
- ✓ **Seamless Application Development:** MULTOS supports **C and MEL programming languages** and free tools and technical support are available.
- ✓ **Interoperable & Vendor-Neutral:** MULTOS applications run on any certified MULTOS platform, ensuring flexibility and choice for issuers.
- ✓ **No Compatibility Issues:** Developers can write an application once and deploy it across different devices.

MULTOS Enables



MULTOS delivers the best experience for cards and smart devices

With a proven track record in banking, government ID, transit, and security-sensitive applications, MULTOS is the platform of choice for organisations that demand the best in security, efficiency, and ease of use.

Email us at info@multos.com
or scan the barcode below:

