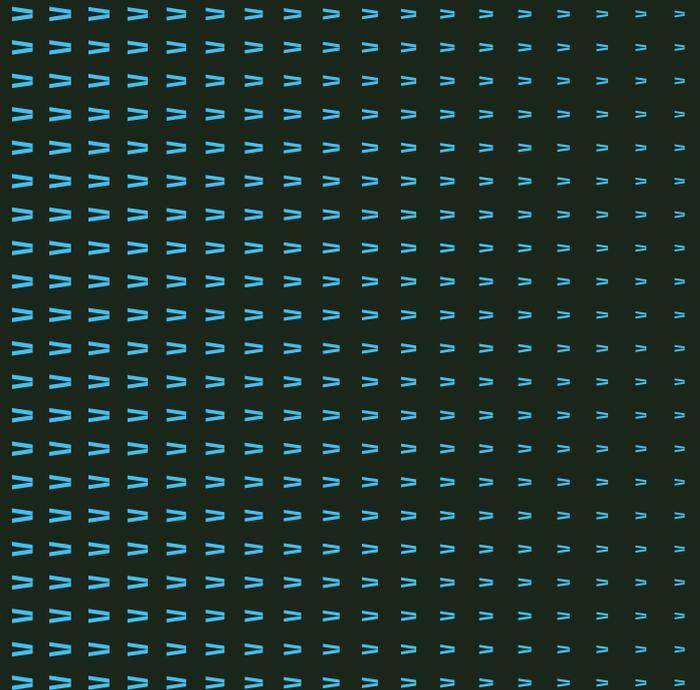salto **Λ**

INSPIRED ACCESS

Salto Security Advisory in response to the BREAKMEIFYOUCAN Research Paper

(ULC / UL AES)

SALTO WECOSYSTEM

Salto MIFARE Ultralight C (ULC) and Salto MIFARE Ultralight AES (UL AES)

Salto has reviewed the newly published academic analysis outlining security exposures in MIFARE Ultralight C (ULC) and MIFARE Ultralight AES (UL AES) systems when these technologies are implemented without recommended safeguards such as key diversification and secure messaging.

Security Advisory

Salto Security Protections

Salto can confirm that our MIFARE Ultralight C and MIFARE Ultralight AES solutions have, from the outset, incorporated multiple NXP-recommended security measures—including per-card key diversification and CMAC-based secure messaging—which prevent the described attack from succeeding. These controls follow NXP's best-practice guidance and eliminate the conditions required for the attack scenarios outlined in the research.

Impact on Salto Customers

Because these protections are standard across Salto implementations, Salto customers are not affected, and no action is required for secure, correctly configured systems. Your existing deployment continues to provide strong cryptographic protection.

General Recommendations

Customers should ensure they are running the latest supported firmware and software and adhere to the Salto Installation Guides and security recommendations during installation and configuration to preserve defense-in-depth controls.

If you would like assistance verifying your installation's configuration or update status, Salto representatives are available to support you.

Salto Space-specific Recommendations

As an additional best-practice measure, we strongly recommend keeping the advanced parameter "PROX_ANTICLONING" enabled and set to its default active state (any non-zero value). This setting is enabled by default since the earliest versions of Salto Space and provides an extra layer of protection to prevent the potential evolution or success of attacks described in the referenced paper
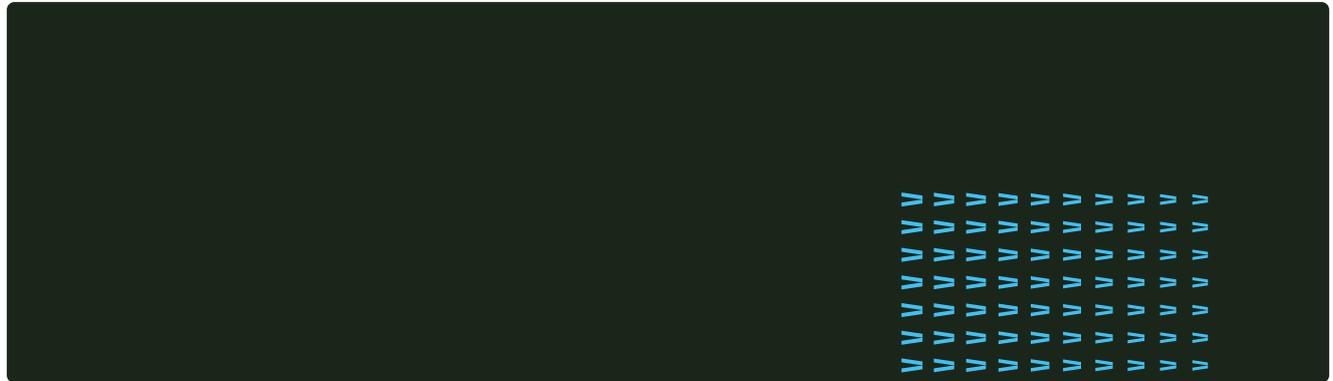
SALTO'S COMMITMENT TO SECURITY

Salto Systems remains committed to secure-by-design engineering, responsible disclosure, and continuous improvement. This advisory will be updated if new information becomes available.

REVISION HISTORY

Version	1.0
Date	2026/02/23
Description	Initial publication of the security advisoryaa

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