

RSA iShield Key 2 MIFARE Series

ONE SECURITY KEY FOR EVERY DOOR, EVERY APP, EVERY ENDPOINT

Why juggle multiple tokens and badges when one rugged security key serves everyone, everywhere, every time? The MIFARE edition RSA iShield Key 2, powered by Swissbit, is the only FIDO-certified security key that supports the MIFARE physical access standard. A single tap lets users badge into buildings, pay in the cafeteria, and launch passwordless sessions across web apps, desktop (online or offline), VPNs, and legacy systems.

By integrating the RSA iShield Key 2 MIFARE series with RSA ID Plus, enterprises gain access to the highest level of security. The hardware authenticators provide NIST AAL3 hardware authentication, helping businesses implement phishing-resistant, hardware-based multi-factor authentication (MFA) and protect sensitive data and intellectual property with a solution capable of adapting to evolving threats. Together, the RSA iShield Key 2 series and [RSA® ID Plus](#) deliver a single vendor, a single policy engine, and phishing-resistant access for everyone, everywhere, even when offline.

FIDO2 and multi-protocol support

RSA ID Plus delivers authentication and access capabilities across environments. ID Plus is the only solution that can extend across cloud, hybrid, and on-premises configurations.

Key features include:

- **Unified digital AND physical access:** Built-in MIFARE and FIDO security let users tap the same key at turnstiles, clock in and out, make cafeteria purchases, and access desktops, legacy systems, and SaaS portals. The solution is ideal for financial services, healthcare, energy, and other highly regulated organizations.
- **Stop phishing:** FIDO2 and PIV provide strong, phishing-resistant authentication, protecting enterprise systems from credential theft- attacks with a capacity for 300 stored passkeys and 24 smart card credentials.
- **Lifecycle savings:** Field updatable firmware can add new features, so enterprises cut hardware replacement cycles and user re-registration costs.
- **Audit-ready out of the box:** The RSA iShield Key 2 MIFARE series aligns with NIS2, DORA, US EO 14028, and NIST SP 800-63-4 AAL 3 hardware authentication guidance.
- **End-to-end identity protection:** Easily integrates with RSA ID Plus, giving you full control over your IAM strategy.

Phishing-resistant passwordless access for optimal Zero Trust maturity

Eliminate credential-based threats while driving your organization toward the highest levels of Zero Trust maturity. The RSA iShield Key 2 series provides robust, phishing-resistant, passwordless authentication that ensures only trusted, authorized users gain access to critical systems, helping enterprises achieve their Zero Trust goals.



RSA iShield Key 2 MIFARE Series Benefits

- **One tap, everywhere:** swipe through turnstiles and log into desktop or cloud apps with the same key. Passwordless for everyone, everywhere, every time.
- **Zero Trust identity protection:** RSA ID Plus integrates a range of identity security capabilities—including contextual, risk-based authentication, mobile passkeys, and ID verification—to advance ZTA and protect every component of your organization.
- **Ruggedized form factor:** Fully molded, robust, and waterproof housing.



RSA iShield Key 2 MIFARE series benefits

- **Single issuance workflow:** provision one authenticator instead of separate security and access cards, cutting onboarding time and lost badge tickets.
- **Self-Service capabilities with ID Plus:** End-users can easily register, update, and manage their credentials with ID Plus, minimizing the burden on IT teams while enhancing the user experience.
- **Reduced hardware inventory:** retire separate proximity cards; reduce replacement spend
- **Privacy built-in:** cryptographic keys never leave the device; no personal data is printed on the device.
- **Secure end-to-end supply chain** from semiconductor chips to assembly to dropship, all in one factory.

Specifications

Supported standards / features	MIFARE DESFire EV3, FIDO2/CTAP2.1, WebAuthn, Universal 2nd Factor (U2F) CTAP1, HOTP (Event), Smartcard (PIV compatible), OpenSC-compatible
Mechanical details	51.5mm x 18.5mm x 6mm
Form factor / device type	FIDO2 HID Device, CCID Smartcard, USB-A or USB-C, with NFC interface and multi-color LED
Certifications	FIDO Universal 2nd Factor (U2F/CTAP1), FIDO2 Level 1
Operating temperature range	-25°C to +70°C
Multi-platform support	Operating Systems: Windows 10/11, macOS, iOS, iPadOS, Linux, Chrome OS, Android Browsers: Firefox, MS Edge, Chrome, Apple Safari
Storage	Holds up to 300 FIDO passkeys and 24 smart card certificates

About RSA

The AI-powered RSA Unified Identity Platform protects the world's most secure organizations from today's and tomorrow's highest-risk cyberattacks. RSA provides the identity intelligence, authentication, access, governance, and lifecycle capabilities needed to prevent threats, secure access, and enable compliance. More than 9,000 security-first organizations trust RSA to manage more than 60 million identities across on-premises, hybrid, and multi-cloud environments. For additional information, visit our website to [contact sales](#), [find a partner](#), or [learn more](#) about RSA.