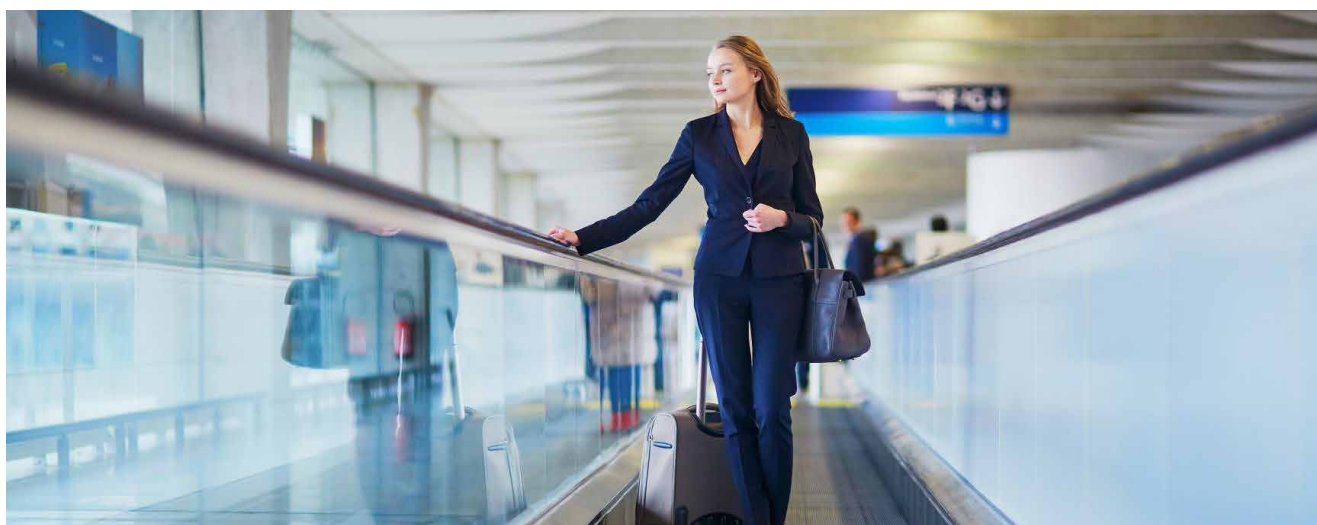


JCOP® ID – Highly Secure Digital Identity Solutions



With NXP's proven security architecture, CC EAL 6+ security ratings, seamless deployment experience and end-to-end services, it's never been easier to issue electronic documents that citizens can truly trust.

Target applications

- eIDs, ePPs, eHealth cards, eVoting
- eDriver's licenses, eVehicle registrations
- Secured document (signature)
- User authentication (digital access)

It's never been more important to protect personal data and prevent identity theft. With NXP as your eID partner, you leverage our high security experience and know-how. Our JCOP® solutions are used in more than 90 countries worldwide with having shipped more than one billion units in the last 5 years. Our dedicated experts help to ensure you can quickly issue electronic documents certified to high level of protection.

Features

Complete Solutions

- Everything in one place: hardware, software and expertise

- Dedicated experts for a smooth implementation
- Secure multi-application use cases
- Broad portfolio, with comprehensive standard and specification compliance

Proven security

- IntegralSecurity architecture = 100+ security mechanisms
- High security certification (CC EAL 6+)
- One of the most-sold Java Card™ OS
- Security pioneer with a long, proven track record
- Permanent screening of potential attacks for immediate development of new counter measures

Contactless performance

- Fast transaction times
- Ultra-low power consumption

NXP secure ID product and service offering

As a trusted supplier of ID solutions, NXP delivers the ingredients for a quick, cost-effective deployment, from secure microcontrollers and operating systems to preconfigured applications and full personalization services.

Broad portfolio for digital identity solutions

- Standardization: JCOP ID products are certified to high Common Criteria level (EAL 6+) and comply with EU Reg 2019/1157 mandates
- Security: End-to-end ID protections, including support for authentication and electronic document-signature use cases
- Sustainability: Robust hardware, field-updatable software and NFC connectivity for easy expansion to online services
- Strength: The confidence that comes from using a turnkey solution that's been deployed in dozen of real-world applications

JCOP ID 1 Series – proven performance

The JCOP ID 1 series offers uncompromising security backed by successful real-world deployment. Designed for flexibility, the JCOP ID 1 series offers a range of flash memory sizes and supports a broad range of applications, including cards that support multiple use cases.

Key benefits

Deliver CC EAL 6+ security combined with the latest technology (Java Card 3.05, GlobalPlatform® 2.3)

Leverage high performance for quick inspections, fast biometric reads and reinforced authentication, ID and signature

Deploy customer IP (cryptolib, additional APIs, etc.) in private SecureBox environment

JCOP ID 1 Series: with 110 kB / with 150 kB / with 180 kB

Built for versatility and flexibility, these devices target a range of use cases, from lean platforms that house a single applet to multi-application solutions that include biometrics. These devices also support authentication and electronic document signature, and are available for use with SecureBox, which enable applet uploads in a secure environment.

Product features	JCOP ID 1		
	with 110 kB	with 150 kB	with 180 kB
Description	Lean platform for small applets	Platform optimized for ChipDoc	Platform for multiple uses

Use cases

ePassport	+	+	+
Driver's License	+	+	+
National Identity	+	+	+
Health Card	+	+	+
Option: Payment	–	–	+
Option: MIFARE®	–	–	+
Standards	JC 3.0.5, GP2.3	JC 3.0.5, GP2.3	JC 3.0.5, GP2.3
User Memory Size [Kbyte]	110	150	180
Certification	CC EAL6+	CC EAL6+	CC EAL6+, FIPS, EMVCo

Special features

Update in the Field	–	–	–
SecureBox	–	–	+
Match On Card	–	+	+
Middleware			
IDProtect Client	v8.1 and higher	v8.1 and higher	v8.1 and higher

Applets

ChipDoc Suite	–	v3.2	v3.2
eDoc Suite	–	–	v3.5
FIDO 2.0	–	v1.0	v1.0
MIFARE® DESFire®	–	–	EV2
MIFARE® Plus®	–	–	EV1
White Labels	–	–	WLA Card v1.0
International Payment Schemes	–	–	M/Chip Advance v1.2.3, VSDC 2.9

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