

Brochure

# FIDO2 Security Keys Specifications

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## Smart Cards – Form Factor

SafeNet Product Name	IDPrime 3940 FIDO	IDPrime 3930 FIDO	IDPrime FIDO Bio	IDPrime PIV FIDO	IDPrime FIDO	IDPrime PIV FIDO Enterprise	IDPrime FIDO Enterprise
<b>Contact (ISO 7816)</b>	FIDO & PKI	FIDO & PKI	FIDO	FIDO & PKI	FIDO	FIDO & PKI	FIDO
<b>Contactless (ISO 14443)</b>	FIDO & PKI	FIDO & PKI	FIDO	FIDO & PKI	FIDO	FIDO & PKI	FIDO
<b>Memory</b>							
<b>Memory chip</b>	400 KB Java Flash	400 KB Java Flash	206KB	512 KB Flash	512 KB Flash	512 KB Flash	512 KB Flash
<b>Free memory available for resident keys, certificates, additional applets &amp; data</b>	73 KB	55 KB	4.8 KB	104 KB	159 KB	107 KB	162 KB
<b>Applet Features</b>							
<b>FIDO discoverable credentials (resident keys)</b>	Up to 8	Up to 8	Up to 32	Up to 100 <sup>(1)</sup>	Up to 100 <sup>(1)</sup>	Up to 100 <sup>(1)</sup>	Up to 100 <sup>(1)</sup>
<b>FIDO Biometry number of supported fingerprints</b>	N/A	N/A	1	N/A	N/A	N/A	N/A
<b>PKI key containers</b>	20	Up to 32 <sup>(3)</sup>	N/A	24 <sup>(1)</sup>	N/A	24 <sup>(1)</sup>	N/A
<b>Thales FIDO Enterprise features</b>	N/A	N/A	N/A	N/A	N/A	✓	✓
<b>FIDO Authentication algorithms</b>	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA
<b>Standards Supported</b>							
<b>Java Card</b>	3.0.4	3.0.5	3.0.5	3.1.0	3.1.0	3.1.0	3.1.0
<b>Global Platform</b>	2.2.1	2.2.1	2.2.1	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)
<b>FIDO2.0 / FIDO 2.1</b>	FIDO 2.0	FIDO 2.0	FIDO 2.1	FIDO 2.1	FIDO 2.1	FIDO 2.1	FIDO 2.1
<b>PKI</b>	IDPrime 3940	IDPrime 3930	N/A	IDPrime PIV 4.0	N/A	IDPrime PIV 4.0	N/A
<b>U2F</b>	✓	✓	✓	✓	✓	✓	✓
<b>Base CSP minidriver (SafeNet minidriver)</b>	✓	✓	N/A	✓	N/A	✓	N/A

## Smart Cards – Form Factor (continued)

SafeNet Product Name	IDPrime 3940 FIDO	IDPrime 3930 FIDO	IDPrime FIDO Bio	IDPrime PIV FIDO	IDPrime FIDO	IDPrime PIV FIDO Enterprise	IDPrime FIDO Enterprise
<b>Cryptographic algorithms (PKI)</b>							
Hash: SHA-1, SHA-256, SHA-384, SHA-512.	✓	✓	N/A	SHA-1 and SHA-512 are not supported	N/A	SHA-1 and SHA-512 are not supported	N/A
RSA: up to RSA 4096 bits	✓ <sup>[2]</sup> RSA 3K available on demand	✓	N/A	✓	N/A	✓	N/A
RSA OAEP & RSA PSS	✓	✓	N/A	N/A	N/A	N/A	N/A
ECDSA: P-256, P-384, P-521	✓ <sup>[2]</sup> ECC 384 & 521 available on demand	✓	N/A	P-521 is not supported	N/A	P-521 is not supported	N/A
ECDH: P-256, P-384, P-521	✓	✓	N/A	P-521 is not supported	N/A	P-521 is not supported	N/A
On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	✓	✓	N/A	ECC-521 is not supported	N/A	ECC-521 is not supported	N/A
Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only	✓	✓	N/A	✓	N/A	✓	N/A
<b>Certifications</b>							
Chip: CC EAL6+	✓	✓	✓	✓	✓	✓	✓
NIST FIPS 140-2/ 140-3	N/A	FIPS 140-2 L2 <a href="#">Certificate #4517</a>	N/A	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>
NIST FIPS 201 (PIV)	N/A	N/A	N/A	In progress	N/A	In progress	N/A
Java platform: CC EAL5+/ PP java card certified	✓	N/A	N/A	N/A	N/A	N/A	N/A
Java platform + PKI applet: CC EAL5+/PP QSCD	<a href="#">2018/24</a>	N/A	N/A	N/A	N/A	N/A	N/A

## Smart Cards – Form Factor (continued)

SafeNet Product Name	IDPrime 3940 FIDO	IDPrime 3930 FIDO	IDPrime FIDO Bio	IDPrime PIV FIDO	IDPrime FIDO	IDPrime PIV FIDO Enterprise	IDPrime FIDO Enterprise
<b>Certifications (continued)</b>							
eIDAS qualified for both eSignature and eSeal	✓	N/A	N/A	N/A	N/A	N/A	N/A
French ANSSI	✓	N/A	N/A	N/A	N/A	N/A	N/A
FIDO 2.0/ FIDO 2.1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.1 L2	FIDO 2.1 L1, L2 in progress	FIDO 2.1 L1, L2 in progress	N/A	N/A
Country of Origin (COO)	Poland	Poland	France	Poland	Poland	Poland	Poland
TAA Compliance	✓	✓	✓	✓	✓	✓	✓
<b>Physical Access</b>							
Mifare Classic & DesFire configurations	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Additional Features</b>							
Onboard PKI PIN policy	✓	✓	N/A	✓	N/A	✓	N/A
PKI Multi-PIN support	✓	✓	N/A	✓	N/A	✓	N/A
Customization and branding	✓	✓	N/A	✓	N/A	✓	N/A
User verification	PIN	PIN	PIN and biometric fingerprint	PIN	PIN	PIN	PIN
VCI - Opacity Key and Pairing code (Cfless)	N/A	N/A	N/A	✓	N/A	✓	N/A
Biometry Match on Card (fingerprint)	N/A	N/A	✓	✓	N/A	✓	N/A
<b>Operating Systems</b>							
FIDO supported in Windows 10 and other FIDO-compliant operating systems	✓	✓	✓	✓	✓	✓	✓
PKI supported in Windows, macOS X, and Linux	✓	✓	N/A	✓	N/A	✓	N/A

## Smart Cards – Form Factor (continued)

SafeNet Product Name	IDPrime CL 940 FIDO	IDPrime CL 930 FIDO	IDPrime DI 940 FIDO	IDPrime DI 930 FIDO
Contact (ISO 7816)	N/A	N/A	FIDO & PKI	FIDO & PKI
Contactless (ISO 14443)	FIDO & PKI	FIDO & PKI	FIDO & PKI	FIDO & PKI
<b>Memory</b>				
Memory chip	400 KB Java Flash	400 KB Java Flash	400 KB Java Flash	400 KB Java Flash
Free memory available for resident keys, certificates, additional applets & data	73 KB	55 KB	73 KB	55 KB
<b>Applet Features</b>				
FIDO discoverable credentials (resident keys)	Up to 8	Up to 8	Up to 8	Up to 8
FIDO Biometry number of supported fingerprints	N/A	N/A	N/A	N/A
PKI key containers	20	Up to 32 <sup>[3]</sup>	20	Up to 32 <sup>[3]</sup>
Thales FIDO Enterprise features	N/A	N/A	N/A	N/A
FIDO Authentication algorithms	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA
<b>Standards Supported</b>				
Java Card	3.0.4	3.0.5	3.0.4	3.0.5
Global Platform	2.2.1	2.2.1	2.2.1	2.2.1
FIDO2.0 / FIDO 2.1	FIDO 2.0	FIDO 2.0	FIDO 2.0	FIDO 2.0
PKI	IDPrime 940	IDPrime 930	IDPrime 940	IDPrime 930
U2F	✓	✓	✓	✓
Base CSP minidriver (SafeNet minidriver)	✓	✓	✓	✓

## Smart Cards – Form Factor (continued)

SafeNet Product Name	IDPrime CL 940 FIDO	IDPrime CL 930 FIDO	IDPrime DI 940 FIDO	IDPrime DI 930 FIDO
<b>Cryptographic algorithms (PKI)</b>				
Hash: SHA-1, SHA-256, SHA-384, SHA-512.	✓	✓	✓	✓
RSA: up to RSA 4096 bits	✓ <sup>[2]</sup> RSA 3K available on demand	✓	✓ <sup>[2]</sup> RSA 3K available on demand	✓
RSA OAEP & RSA PSS	✓	✓	✓	✓
ECDSA: P-256, P-384, P-521	✓ <sup>[2]</sup> ECC 384 & 521 available on demand	N/A	✓ <sup>[2]</sup> ECC 384 & 521 available on demand	N/A
ECDH: P-256, P-384, P-521	✓	✓	✓	✓
On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	✓	✓	✓	✓
Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only	✓	✓	✓	✓
<b>Certifications</b>				
Chip: CC EAL6+	✓	✓	✓	✓
NIST FIPS 140-2/ 140-3	N/A	FIPS 140-2 L2 <a href="#">Certificate #4517</a>	N/A	FIPS 140-2 L2 <a href="#">Certificate #4517</a>
NIST FIPS 201 (PIV)	N/A	N/A	N/A	N/A
Java platform: CC EAL5+/ PP java card certified	✓	N/A	✓	N/A
Java platform + PKI applet: CC EAL5+/PP QSCD	✓ <a href="#">2018/24</a>	N/A	✓ <a href="#">2018/24</a>	N/A

## Smart Cards – Form Factor (continued)

SafeNet Product Name	IDPrime CL 940 FIDO	IDPrime CL 930 FIDO	IDPrime DI 940 FIDO	IDPrime DI 930 FIDO
<b>Certifications (continued)</b>				
eIDAS qualified for both eSignature and eSeal	✓	N/A	✓	N/A
French ANSSI	✓	N/A	✓	N/A
FIDO 2.0 / FIDO 2.1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.0 L1
Country of Origin (COO)	France	France	France	France
TAA Compliance	✓	✓	✓	✓
<b>Physical Access</b>				
Mifare Classic & DesFire configurations	Desfire EV3 8k with an option for additional Mifare/Desfire configurations	Desfire EV3 8k with an option for additional Mifare/Desfire configurations	Desfire EV3 8k with an option for additional Mifare/Desfire configurations	Desfire EV3 8k with an option for additional Mifare/Desfire configurations
<b>Additional Features</b>				
Onboard PKI PIN policy	✓	✓	✓	✓
PKI Multi-PIN support	✓	✓	✓	✓
Customization and branding	✓	✓	✓	✓
User verification	PIN	PIN	PIN	PIN
VCI - Opacity Key and Pairing code (Ctless)	N/A	N/A	N/A	N/A
Biometry Match on Card (fingerprint)	N/A	N/A	N/A	N/A
<b>Operating Systems</b>				
FIDO supported in Windows 10 and other FIDO-compliant operating systems	✓	✓	✓	✓
PKI supported in Windows, macOS X, and Linux	✓	✓	✓	✓

## Tokens – Form Factor

SafeNet Product Name	 eToken FIDO	 eToken FIDO	 eToken Fusion	 eToken Fusion CC	 eToken Fusion FIPS
<b>Form Factor</b>	USB-A	USB-C	USB-A or USB-C	USB-A or USB-C	USB-A or USB-C
<b>Contact (ISO 7816)</b>	FIDO	FIDO	FIDO & PKI	FIDO & PKI	FIDO & PKI
<b>Contactless (ISO 14443)</b>	N/A	N/A	N/A	N/A	N/A
<b>Memory</b>					
<b>Memory chip</b>	400 KB Flash	400 KB Flash	400 KB Flash	400 KB Flash	400 KB Flash
<b>Free memory available for resident keys, certificates, additional applets &amp; data</b>	90 KB	55 KB	55 KB	52 KB	55 KB
<b>Applet Features</b>					
<b>FIDO discoverable credentials (resident keys)</b>	Up to 8	Up to 8	Up to 8	Up to 8	Up to 8
<b>FIDO Biometry number of supported fingerprints</b>	N/A	N/A	N/A	N/A	N/A
<b>PKI key containers</b>	N/A	N/A	Up to 32 <sup>(3)</sup>	20	Up to 32 <sup>(3)</sup>
<b>Thales FIDO Enterprise features</b>	N/A	N/A	N/A	N/A	N/A
<b>FIDO Authentication algorithms</b>	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA
<b>Java Card</b>	3.0.4	3.0.4	3.0.4	3.0.4	3.0.5
<b>Global Platform</b>	2.2.1	2.2.1	2.2.1	2.2.1	2.2.1
<b>FIDO2.0</b>	FIDO 2.0	FIDO 2.0	FIDO 2.0	FIDO 2.0	FIDO 2.0
<b>PKI</b>	N/A	N/A	IDPrime 930nc (MD 4.5 applet)	IDPrime 940	IDPrime 930 (MD 4.5 applet)
<b>U2F</b>	✓	✓	✓	✓	✓
<b>Base CSP minidriver (SafeNet minidriver)</b>	N/A	N/A	✓	✓	✓

## Tokens – Form Factor (continued)

SafeNet Product Name	 eToken FIDO	 eToken FIDO	 eToken Fusion	 eToken Fusion CC	 eToken Fusion FIPS
<b>Cryptographic algorithms (PKI)</b>					
Hash: SHA-1, SHA-256, SHA-384, SHA-512	N/A	N/A	✓	✓	✓
RSA: up to RSA 4096 bits	N/A	N/A	✓	RSA 3K available on demand <sup>(2)</sup>	✓
RSA OAEP & RSA PSS	N/A	N/A	✓	✓	✓
ECDSA: P-256, P-384, P-521	N/A	N/A	✓	✓ <sup>(2)</sup> ECC 384 & 521 available on demand	✓
ECDH: P-256, P-384, P-521	N/A	N/A	✓	✓	✓
On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	N/A	N/A	✓	✓	✓
Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only	N/A	N/A	✓	✓	✓
<b>Certifications</b>					
Chip: CC EAL6+	✓	✓	✓	✓	✓
NIST certification	N/A	N/A	N/A	N/A	FIPS 140-2 L2 <a href="#">Certificate #4517</a>
Java platform: CC EAL5+/ PP java card certified	N/A	N/A	N/A	✓	N/A
Java platform + PKI applet: CC EAL5+/PP QSCD	N/A	N/A	N/A	<a href="#">2018/24</a>	N/A
Country of Origin (COO)	China or Cambodia	China or Cambodia	China	China	China or Cambodia
TAA Compliance	✓	✓	N/A	N/A	✓

## Tokens – Form Factor (continued)

SafeNet Product Name	 eToken FIDO	 eToken FIDO	 eToken Fusion	 eToken Fusion CC	 eToken Fusion FIPS
<b>Certifications (continued)</b>					
eIDAS qualified for both eSignature and eSeal	N/A	N/A	N/A	✓	N/A
French ANSSI	N/A	N/A	N/A	✓	N/A
FIDO 2.0/ FIDO 2.1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.0 L1	FIDO 2.0 L1
<b>Additional Features</b>					
Onboard PIN policy	N/A	N/A	✓	✓	✓
PKI Multi-PIN support	N/A	N/A	✓	✓	✓
Customization and branding	✓	✓	✓	✓	✓
User verification	PIN	PIN	PIN	PIN	PIN
VCI - Opacity Key and Pairing code (Ctless)	N/A	N/A	N/A	N/A	N/A
Biometry Match on Card (fingerprint)	N/A	N/A	N/A	N/A	N/A
<b>Operating Systems</b>					
FIDO supported in all FIDO-compliant operating systems including Windows 10 and 11	✓	✓	✓	✓	✓
PKI supported in Windows, macOS X, and Linux	N/A	N/A	✓	✓	✓

## Tokens – Form Factor (continued)

SafeNet Product Name	 eToken Fusion NFC FIPS	 eToken Fusion NFC PIV	 eToken FIDO NFC	 eToken Fusion NFC PIV Enterprise	 eToken FIDO NFC Enterprise	 eToken Fusion Bio	 eToken Fusion Bio Enterprise
<b>Form Factor</b>	USB-A or USB-C	USB-A or USB-C	USB-A or USB-C	USB-A or USB-C	USB-A or USB-C	USB-A or USB-C <sup>(4)</sup>	USB-A or USB-C <sup>(4)</sup>
<b>Contact (ISO 7816)</b>	FIDO & PKI	FIDO & PKI	FIDO	FIDO & PKI	FIDO	FIDO & PKI	FIDO & PKI
<b>Contactless (ISO 14443)</b>	FIDO & PKI	FIDO & PKI	FIDO	FIDO & PKI	FIDO	N/A	N/A
<b>Memory</b>							
<b>Memory chip</b>	400 KB Flash	512 KB Flash	512 KB Flash	512 KB Flash	512 KB Flash	FIDO chip: 512KB PKI chip: 400	FIDO chip: 512KB PKI chip: 400
<b>Free memory available for resident keys, certificates, additional applets &amp; data</b>	42 KB	104 KB	159 KB	107 KB	162 KB	FIDO chip: 206KB PKI chip: 77KB	FIDO chip: 206KB PKI chip: 77KB
<b>Applet Features</b>							
<b>FIDO discoverable credentials (resident keys)</b>	Up to 8	Up to 100 <sup>(1)</sup>	Up to 255 <sup>(1)</sup>	Up to 100 <sup>(1)</sup>	Up to 255 <sup>(1)</sup>	Up to 255	Up to 255
<b>FIDO Biometry number of supported fingerprints</b>	N/A	N/A	N/A	N/A	N/A	2	2
<b>PKI key containers</b>	Up to 32 <sup>(3)</sup>	24 <sup>(1)</sup>	N/A	24 <sup>(1)</sup>	N/A	Up to 32 <sup>(3)</sup>	Up to 32 <sup>(3)</sup>
<b>Thales FIDO Enterprise features</b>	N/A	N/A	N/A	✓	✓	N/A	✓
<b>FIDO Authentication algorithms</b>	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA	ECC 256 ECDSA
<b>Standards Supported</b>							
<b>Java Card</b>	3.0.4	3.1.0	3.1.0	3.1.0	3.1.0	PKI chip: 3.0.4 FIDO chip: 3.0.5	PKI chip: 3.0.4 FIDO chip: 3.0.5
<b>Global Platform</b>	2.2.1	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)	2.2.1 2.3 (CTLess)	PKI chip: 2.2.1 FIDO chip: 2.3	PKI chip: 2.2.1 FIDO chip: 2.3
<b>FIDO 2.0/ FIDO 2.1</b>	FIDO 2.0	FIDO 2.1	FIDO 2.1	FIDO 2.1	FIDO 2.1	FIDO 2.1	FIDO 2.1
<b>PKI</b>	IDPrime 3930 (MD 4.5 applet)	PIV v4.0	N/A	PIV v4.0	N/A	IDPrime 930	IDPrime 930
<b>U2F</b>	✓	✓	✓	✓	✓	N/A	N/A
<b>Base CSP minidriver (SafeNet minidriver)</b>	✓	✓	N/A	✓	N/A	✓	✓

## Tokens – Form Factor (continued)

SafeNet Product Name	 eToken Fusion NFC FIPS	 eToken Fusion NFC PIV	 eToken FIDO NFC	 eToken Fusion NFC PIV Enterprise	 eToken FIDO NFC Enterprise	 eToken Fusion Bio	 eToken Fusion Bio Enterprise
<b>Cryptographic algorithms (PKI)</b>							
Hash: SHA-1, SHA-256, SHA-384, SHA-512	✓	SHA-1 and SHA-512 are not supported	N/A	SHA-1 and SHA-512 are not supported	N/A	✓	✓
RSA: up to RSA 4096 bits	✓	✓	N/A	✓	N/A	✓	✓
RSA OAEP & RSA PSS	✓	N/A	N/A	N/A	N/A	✓	✓
ECDSA: P-256, P-384, P-521	✓	P-521 is not supported	N/A	P-521 is not supported	N/A	✓	✓
ECDH: P-256, P-384, P-521	✓	P-521 is not supported	N/A	P-521 is not supported	N/A	✓	✓
On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	✓	P-521 is not supported	N/A	P-521 is not supported	N/A	✓	✓
Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only	✓	✓	N/A	✓	N/A	✓	✓
<b>Certifications</b>							
Chip: CC EAL6+	✓	✓	✓	✓	✓	✓	✓
NIST certification	FIPS 140-2 L2 <a href="#">Certificate #4517</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-3 L2 In progress <a href="#">platform - Certificate #4772</a>	FIPS 140-2 L2 <a href="#">Certificate #4517</a>	FIPS 140-2 L2 <a href="#">Certificate #4517</a>
Java platform: CC EAL5+/ PP java card certified	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Java platform + PKI applet: CC EAL5+/PP QSCD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Country of Origin (COO)	France	France	France	France	France	China	China
TAA Compliance	✓	✓	✓	✓	✓	N/A	N/A

## Tokens – Form Factor (continued)

SafeNet Product Name	 eToken Fusion NFC FIPS	 eToken Fusion NFC PIV	 eToken FIDO NFC	 eToken Fusion NFC PIV Enterprise	 eToken FIDO NFC Enterprise	 eToken Fusion Bio	 eToken Fusion Bio Enterprise
<b>Certifications (continued)</b>							
eIDAS qualified for both eSignature and eSeal	N/A	N/A	N/A	N/A	N/A	N/A	N/A
French ANSSI	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FIDO 2.0/ FIDO 2.1	FIDO 2.0 L1	FIDO 2.1 L2	FIDO 2.1 L1 L2 in progress	N/A	N/A	FIDO2.1 L1 L2 in progress	N/A
<b>Additional Features</b>							
Onboard PIN policy	✓	✓	N/A	✓	N/A	✓	✓
PKI Multi-PIN support	✓	✓	N/A	✓	N/A	✓	✓
Customization and branding	✓	✓	✓	✓	✓	✓	✓
User verification	PIN	PIN	PIN	PIN	PIN	IDPrime 930 - PIN FIDO 2.1 - PIN/ FingerPrint	IDPrime 930 - PIN FIDO 2.1 - PIN/ FingerPrint
VCI - Opacity Key and Pairing code (Ctless)	N/A	✓	N/A	✓	N/A	N/A	N/A
Biometry Match on Card (fingerprint)	N/A	✓	N/A	✓	N/A	✓	✓
<b>Operating Systems</b>							
FIDO supported in all FIDO-compliant operating systems including Windows 10 and 11	✓	✓	✓	✓	✓	✓	✓
PKI supported in Windows, macOS X, and Linux	✓	✓	N/A	✓	N/A	✓	✓

(1) Memory is shared between PKI and FIDO applications; number of PKI Key containers and FIDO Credential are triggered by free remaining memory at creation time.

(2) RSA 3K and ECC 384 & 521 are not in default standard CC profile. A customization is needed to get such algorithms

(3) Depends on device remaining memory size. Typically, with RSA 2048, key & certificate will occupy 3.1K bytes, hence if free memory size is 55K, maximum number of certificates will be  $55/3.1=17$ .

(4) USB-A only available in H2 2025



### Contact us

For all office locations and contact information,  
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