

FIPS 201 Evaluation Program

Attestation Form for CHUID Authentication Reader (Contactless)

This form serves to assert that the offering being submitted for FIPS 201 conformance evaluation is accurately meeting the requirements stated in the Standard.

Applicant Information

Company Name	
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Product/Service Information

Name			
Part Number			
Hardware Version			
Software Version			
Firmware Version			

Lab Specific Information

Approval Procedure Version	2.0.0
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Requirements being attested to:

Identifier #	Requirement Description	Source
R-CHU-CLA.1	Contactless card readers shall conform to the [ISO 14443] standard for the card-to-reader interface.	FIPS 201-1, Section 4.5.2
R-CHU-CLA.2	Logical contactless card readers shall conform to PC/SC specification for the reader-to-host system interface in cases where these readers are connected to general purpose desktop computing systems.	FIPS 201-1, Section 4.5.2
R-CHU-CLA.3	The contactless interface of the reader shall support both the Type A and Type B communication signal interfaces as defined in ISO/IEC 14443-2:2001.	Card /Card Reader Interoperability Requirements, Section 2.2.1.1
R-CHU-CLA.4	The contactless interface of the reader shall support both Type A and Type B transmission protocols as defined in ISO/IEC 14443-4:2001.	Card /Card Reader Interoperability Requirements, Section 2.2.1.3
R-CHU-CLA.5	Buffers shall not be readable through the contactless interface more than 10 cm from the reader.	Card /Card Reader Interoperability Requirements, Section 4.1.1.1
R-CHU-CLA.6	The contactless interface of the reader shall support Type A initialization and anti-collision methods as defined in ISO/IEC 14443-3:2001.	Card /Card Reader Interoperability Requirements, Section 2.2.1.2
R-CHU-CLA.7	The contactless interface of the reader shall support Type B initialization and anti-collision methods as defined in ISO/IEC 14443-3:2001.	Card /Card Reader Interoperability Requirements,

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		Section 2.2.1.2
R-CHU-CLA.8	The reader buffer size shall be no less than 256 bytes.	Card /Card Reader Interoperability Requirements,Section 3.2.1.1
R-CHU-CLA.9	The contactless interface of the reader shall support bit rates of fc/128 (~106 kbits/s), fc/64 (~212 kbits/s) and fc/32 (~424 kbits/s) as defined in ISO/IEC 14443-3:2001/Amd.1:2005.	Card /Card Reader Interoperability Requirements, Section 3.2.2.1
R-CHU-CLA.10	The reader shall be able to read data from the CHUID buffer on the PIV Card.	FIPS 201-1, Section 6.2.2
R-CHU-CLA.11	The authentication attempt shall compare the CHUID expiration date to the current date and determine card expiry.	FIPS 201-1, Section 6.2.2
R-CHU-CLA.12	The digital signature on the CHUID is checked to ensure the CHUID was signed by a trusted source and is unaltered.	FIPS 201-1, Section 6.2.2
R-CHU-CLA.13	One or more of the CHUID data elements are used as input to the authorization check	FIPS 201-1, Section 6.2.2
R-CHU-CLA.14	For performing cryptographic operations (during verification of CHUID signature), the cryptographic module shall be FIPS 140-2 validated with an overall Security Level 2 (or higher).	FIPS 201-1, Appendix B.4

Signature

I hereby claim that I am authorized to sign this form on behalf of the above specified company. I acknowledge that I have am aware of the requirements of FIPS 201 and its related publications that my Product needs to comply with and that the Product that has been submitted to the Lab is, to the best of my knowledge, complete and accurately meeting these requirements. Furthermore, by signing below, I attest that the Product/Service is being submitted under each category for which this Product/Service applies. I am also aware that any false claims to this statement could result in a penalty as defined by the Federal Acquisition Regulation (FAR).

Signature		Date	
Name			
Title			