The attached form is to be completed by the Applicant (e.g., the reader manufacturer) to obtain from TSA the documentation and test cards permitting the Applicant to self-certify a product offering can be used in a TWIC environment.

The detailed application process is described in section 3.1 of the TWIC SC-QTL Navigation Guide for Applicants.

In addition to the signed Applicant information (see Navigation Guide) and the signed Agreement (See Navigation Guide), a completed Applicant application form will be used by TSA to validate and then create the following documents specific to the Applicant for performing self-certification testing operations:

* List of relevant Derived Tests Requirements including references to relevant section(s) of the TWIC Reader Revised Specification,
* List of the TSA identified tests to execute including which test cards to use for each test,
* List of all the test cards provided.

Along with these lists, the reader manufacturer will receive a set of test cards and the application acceptance information (with acceptance Date and registered application number).

The applicant may optionally elect to acquire a third-party tool, if needed, allowing to update the biometric data for one or all test cards.

There are some basic rules and guidelines a TWIC reader shall address. The details of these rules and guidelines are described in the TWIC NEXGEN & Legacy reference documentation, but a simplified summary is presented here to provide help on completing the application form. Refer to the Navigation Guide or the TWIC specification for any definition of terms as needed.

**Notes related to “A TWIC reader”:**

1. Shall have at least one smart card interface. It can be contact, contactless, or both.
2. The TWIC Legacy shall always be selected.
3. When TWIC Legacy is selected a test using a NEXGEN card in backward compatibility mode is added
4. If NEXGEN is not selected, the reader will automatically be tested using NEXGEN in backward compatibility mode.
5. When Mode 3, 4, 5 or 6 are selected, the means to access the TWIC Privacy Key (TPK) needs to be confirmed (see Options)
6. If a TWIC reader has both interfaces, and mode 3, 4 ,5 or 6 is/are selected, the reader will have to be tested separately with each interface.
7. A TWIC reader is either a Fixed reader or a Portable (which may be standalone) reader but cannot be both.
8. A TWIC reader declared as “Standalone” cannot be connected (or declared working) with a back-end system.
9. Only Portable readers can be declared working in a Harsh Environment.
10. Only Fixed readers can be declared an Outdoor reader.
11. When the reader is part of a system (PACS, or Backend), the information related to such back-end solutions shall be provided in order to know which supporting products (there might be more than one) the reader was tested with and is able to work with.
12. If a TWIC reader (Fixed or Portable) is qualified to work in an explosive atmosphere, it may be declared “Safe to Operate” in such environments.

The SC-QTL effort is currently under development and not yet in its final phase.

All comments or suggestions about the process, or the associated documents are welcome.

|  |  |  |
| --- | --- | --- |
| Manufacturer & Contact Information | Manufacturer Name |  |
| Manufacturer Street Address |  |
| City, State, Zip |  |
| Country |  |
| Manufacturer Point-of Contact |  |
| PoC E- Mail |  |
| PoC Phone |  |
| Manufacturer Self-Assertion Officer |  |
| ProductInformation | Product Name |  |
| Part Number |  |
| Hardware Version |  |
| Software Version |  |
| Firmware Version |  |
| Card Supported(see notes 2, 3 & 4) | Legacy TWIC (Y/N) | Yes |
| NEXGEN TWIC (Y/N) |  |
| TWIC Reader TypeSee notes 8, 9, 10, 11, 12 | Fixed or Connected (Y/N) |  |
| Standalone (Portable) Y/N |  |
| Portable - Harsh environment (Y/N) |  |
| Fixed Reader Only - Outdoor (Y/N) |  |
| Card InterfaceSee note 1 & 6 | Contact (Y/N) |  |
| Contactless (Y/N) |  |
| Mode(s) of OperationSee note 5 | Mode 1 (Y/N) |  |
| Mode 2 (Y/N) |  |
| Mode 3 (Y/N) |  |
| Mode 4 (Y/N) |  |
| Mode 5 (Y/N) |  |
| Mode 6 (Y/N) |  |
| Supporting subsystem (if any)See note 11 | Subsystem Brand/Identifier |  |
| Sub-System Firmware Version |  |
| Work with the following PACSSee note 11 | PACS Name/Manufacturer |  |
| PACS Model, Firmware Version |  |
| Standalone (note 8) | Standalone reader (Y/N) |  |
| Use in explosive atmospheres | Safe to Operate (Y/N) |  |

Options for this reader – Default options are shown in the Default Values column but need to be confirmed.

Default Values-------↓

|  |  |  |  |
| --- | --- | --- | --- |
| Access to the TPKRequired only for Modes 3, 4, 5 & 6 | **Contact (default for TPK)**  | Y |  |
| Download FASC-N/TPK list from Back end | N |  |
| Back end (individual query on FASC-N) | N |  |
| Magnetic Stripe – Deprecated method | N | N |
| PDF417 (sticker on Legacy or card back if NEXGEN) | N |  |
| Mode 1 of operations | Use Unsigned CHUID - Card verified at registration | N |  |
| Use Unsigned CHUID with the Secure Data Object | N |  |
| **Use Signed CHUID (recommended/Default)** | Y |  |
| Mode 3 of operations | Use Unsigned CHUID - Card verified at registration | N |  |
| Use Unsigned CHUID with the Secure Data Object | N |  |
| **Use Signed CHUID (recommended/Default)** | Y |  |
| Use of the TWIC CRL | TWIC CRL used in addition to the TWIC CCL | N |  |

For all these Options, the reader manufacturer needs to indicate which options the reader is able to work with. It could be one option, or multiple if it can be changed by a configuration process.

* The use of the magnetic stripe is deprecated and cannot be claimed anymore.
* The use of the Unsigned CHUID is not recommended and may be deprecated for security reasons.
* As Legacy Cards do not have a PDF 417 bar code information on the card, this option assumes a label (or sticker) is printed for Legacy cards.
* The use of the CRL is optional but comes as an addition to the use of the TWIC CCL which is a requirement for all modes of operation.