



Introduction

TWIC Connect is intended to allow operators to read TWIC card data. This data will be displayed on screen, and optionally may be stored in a Sequel Server Express database. Generally this data will be used to enroll the TWIC cardholder in a PACS system. TWIC Connect can bridge the data acquisition needs of a client while supporting PACS systems that cannot enroll TWIC cards themselves.

Features

- Reads data from TWIC and PIV applets, as configured.
- Checks the validity of data read from the card, e.g., that the CHUID is correctly formatted and the card has not expired.
- Displays card data on the screen. Card holder's PIN required for photo and "printable" data.
- Allows a PACS ID to be configured and automatically copies this PACS ID to the clipboard for easy pasting into a PACS enrollment system. For example, the PACS ID might be configured to be the FASC-N Agency Code + System Code + Credential Number.
- Other text items on the screen may be copied and pasted into a PACS enrollment system.

Optional Administratively Invoked Features

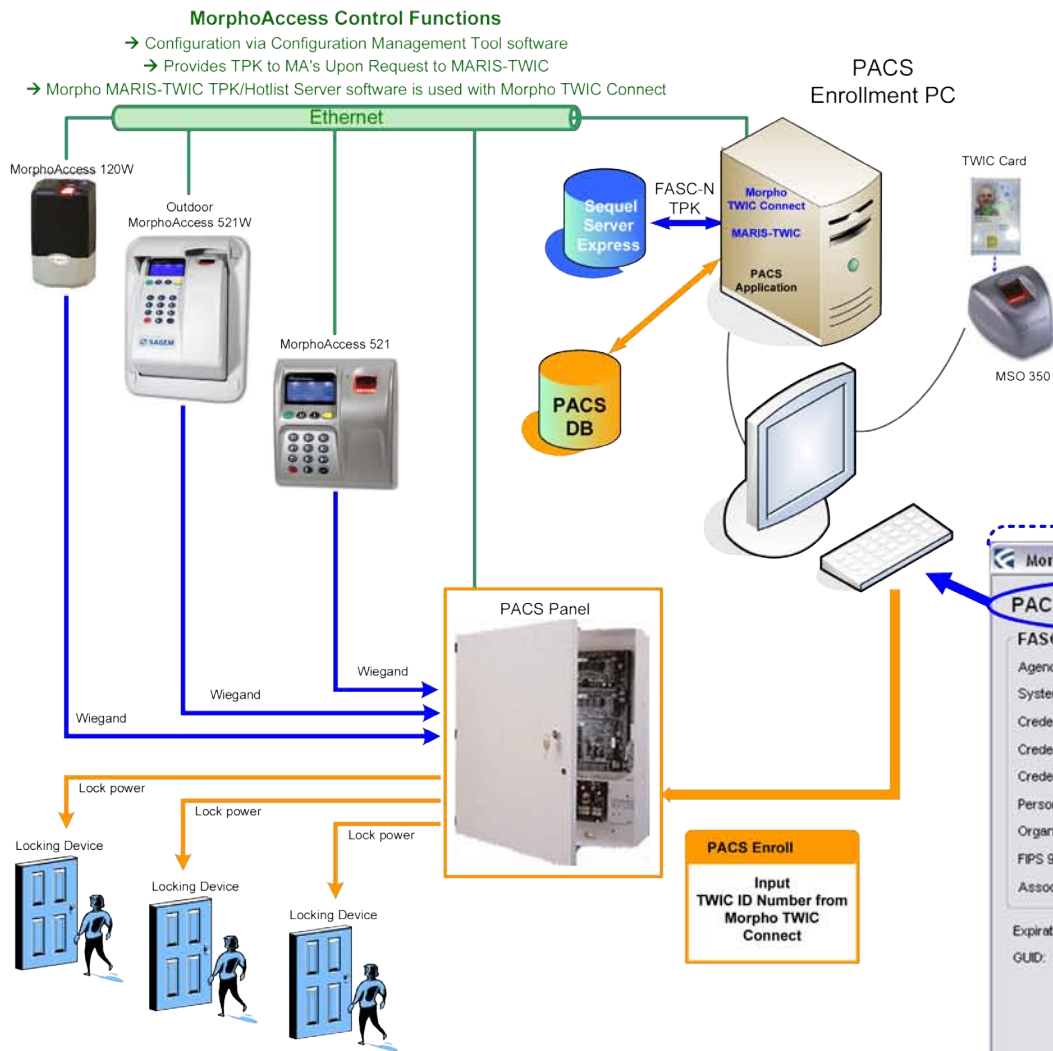
- Checks certificate signatures.
- Checks certificate chain to ensure that card has been issued by a valid issuer.
- Performs fingerprint match.
- Performs Active Card Authentication to ensure card has not been cloned or spoofed.
- Checks that the card is not on the TWIC hotlist.
- Reads latest TWIC hotlist from the internet or a file on an administrator specified schedule.
- Saves data to a Sequel Server Express database. The data to be saved is configurable
- Well organized configuration menus allow the selection and configuration of data captured from the card

Screen Image

Operator's User Interface

Morpho TWIC Connect with PACS

3/17/2009



Morpho TWIC Connect

CHUID Functions

- Read and Verify CHUID
- Determine if the credential has expired
- Save FASC-N in Sequel Server Express (Configurable)
- Identify a "Hot listed" TWIC (Configurable: Via file or web connection)
- PACS Administrator defined ID number from FASC-N

Biometric Functions (Configurable)

- Obtain TPK
- Save TPK in Sequel Server Express (Configurable)
- Read enciphered fingerprint template
- 1:1 biometrics match

Without TWIC card PIN

Only PACS Administrator defined ID number from FASC-N

With TWIC card PIN

All data fields

Morpho TWIC Connect

PACS ID: 70991308

FASC-N

Agency Code: 7099
System Code: 1308
Credential Number: [REDACTED]
Credential Series: 1
Credential Issue: 1
Person Identifier: [REDACTED]
Organizational Category: Federal Government (1)
FIPS 95-2 Agency Code: 7099
Association Category: Civil (2)
Expiration Date: 20121225
GUID: 00000000000000000000000000000000

Affiliation: [REDACTED]
Agency/Department: [REDACTED]
Expires: 25DEC2012
Agency Card Serial Number: [REDACTED]
Issuer Identification Number: 7099

Read card, Save data, Clear data, Close

✓ Fingerprint match succeeded

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Data read.