tyco | **CEM Systems**   Data Sheet

AC2000 Morpho BioBridge Interface

Key Features

- Seamlessly share and synchronise cardholder records between AC2000 and MorphoManager software via BioBridge
- Expand biometric access control utilising Safran Identity & Security biometric terminals
- BioBridge reduces system administration and prevents duplicate data entry on multiple systems
- Provides centralized cardholder management via the AC2000 system
- No associated license costs for the BioBridge interface

Morpho BioBridge is a synchronisation middleware that provides a simple and efficient method of seamlessly sharing cardholder details between AC2000 and MorphoManager software.

The Morpho BioBridge interface polls the AC2000 database on a scheduled basis to pull cardholder information directly into the MorphoManager database.

Cardholder data now only needs to be added to the AC2000 database. This information is then automatically populated within the MorphoManager system, eliminating the need for data duplication.
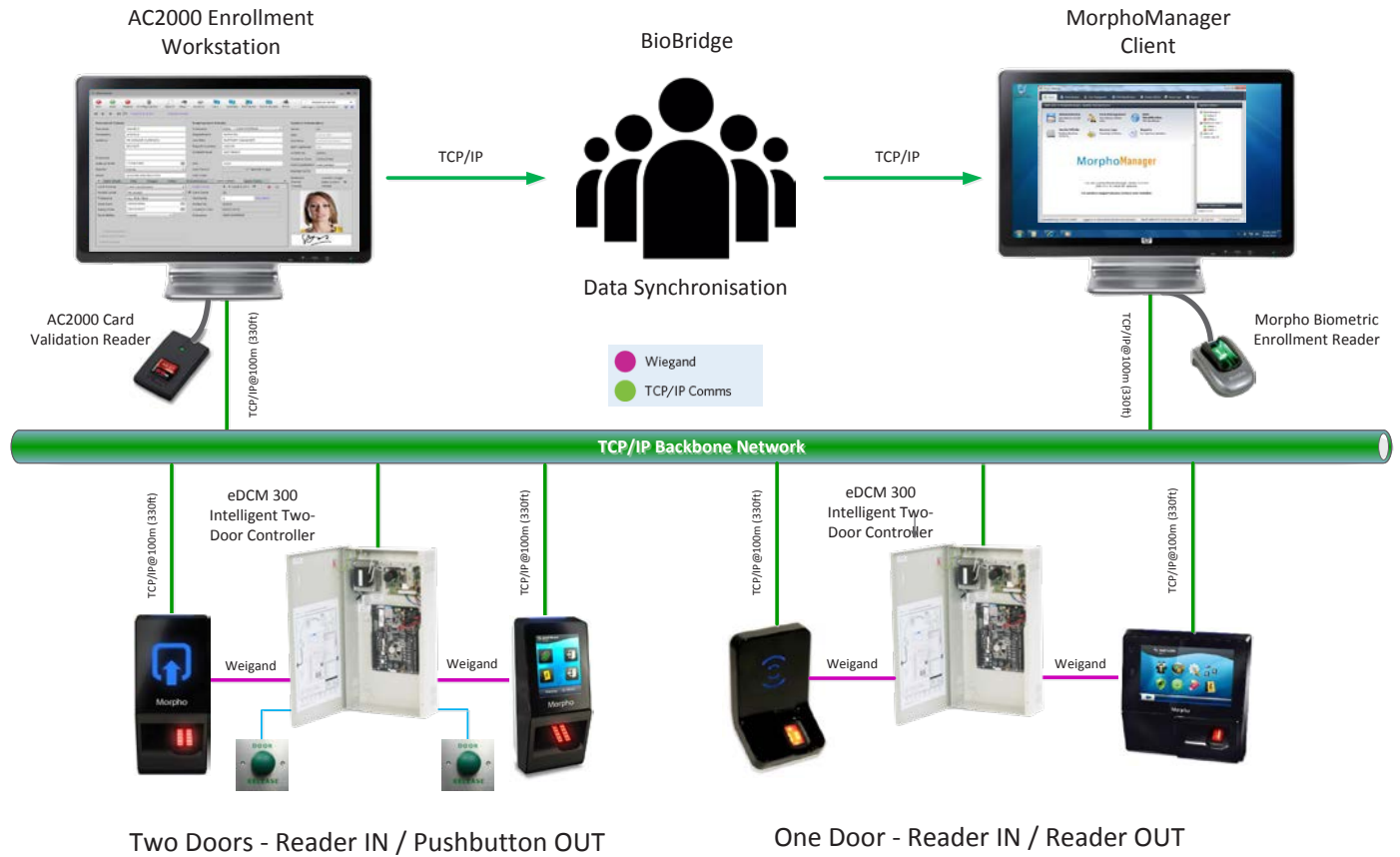
Data Synchronisation

The data synchronisation intervals are fully configurable to specify when data is pulled from the AC2000 database via the Morpho BioBridge in one minute intervals.

Cards still need to be validated with the AC2000 system; however, now you can use the MorphoManager to search for AC2000 cardholders and capture biometric templates across Morpho's full range of biometric readers.

This synchronisation can greatly save on system administration and duplication of data entry between AC2000 and MorphoManager systems.

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AC2000 and Morpho BioBridge System Architecture

AC2000 Enrollment Workstation

BioBridge

MorphoManager Client

TCP/IP

TCP/IP

Data Synchronisation

AC2000 Card Validation Reader

TCP/IP@100m (330ft)

- Wiegand
- TCP/IP Comms

TCP/IP@100m (330ft)

Morpho Biometric Enrollment Reader

TCP/IP Backbone Network

TCP/IP@100m (330ft)

eDCM 300 Intelligent Two-Door Controller

TCP/IP@100m (330ft)

TCP/IP@100m (330ft)

eDCM 300 Intelligent Two-Door Controller

TCP/IP@100m (330ft)

Weigand

Weigand

Weigand

Weigand

Two Doors - Reader IN / Pushbutton OUT

One Door - Reader IN / Reader OUT

Compatible Readers

The following BioBridge compatible Morpho series readers are available from CEM Systems:

- SIGMA Series
- SIGMA Lite Series
- 3D Face Reader

Requirements

- AC2000, AC2000 Lite v7.1 and later
- MorphoManager v9.5.5 and later

Notes

- BioBridge is an unlicensed feature.
- For dual authentication, PIN numbers are managed via MorphoManager.

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Related Products

- AC2000
- AC2000 Airport

About Johnson Controls

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