

## AC2000 with Suprema BioStar 2 Integrated AC2000 OEM solutions

**Suprema**  
BIOMETRICS & SECURITY



### Key Features

- BioStar 2 is a web-based, open, and integrated security platform
- Seamless enrolment within AC2000
- Comprehensive functionality for access control, time & attendance management, and visitor management
- Suprema BioEntry P2 – compact slim fingerprint reader
- Dual Frequency, Multi-Smartcard Reader
- High-precision OP5 optical sensor

AC2000 solutions can meet the demands of almost any integrated security system specification requirements, especially when options for CEM approved OEM partner products are included.

Suprema BioEntry fingerprint reader and BioStar 2 enrolment capability is now supported directly within the AC2000 personnel and card holder management application. These additional OEM biometrics are included within the range of tried and tested AC2000 integrated security system solutions for Suprema biometric device options providing secure and convenient access control.

### Suprema BioStar biometric solution

BioStar 2 is a web-based, open, and integrated security platform that provides comprehensive functionality for access control, time & attendance management, visitor management, and video log maintenance. It encrypts all personal data available and features a high-level interface with AC2000 access control system. The solution provides the unified enrolment application that pass office managers expect when considering biometric device options.

### BioStar reader hardware options

Suprema BioEntry P2 is a compact fingerprint access control device featuring Suprema's next generation biometric technology and security platform. Packed in a million-type sleek design, BioEntry P2 provides added flexibility in system design by featuring multi card reading with dual-frequency RFID card technology.

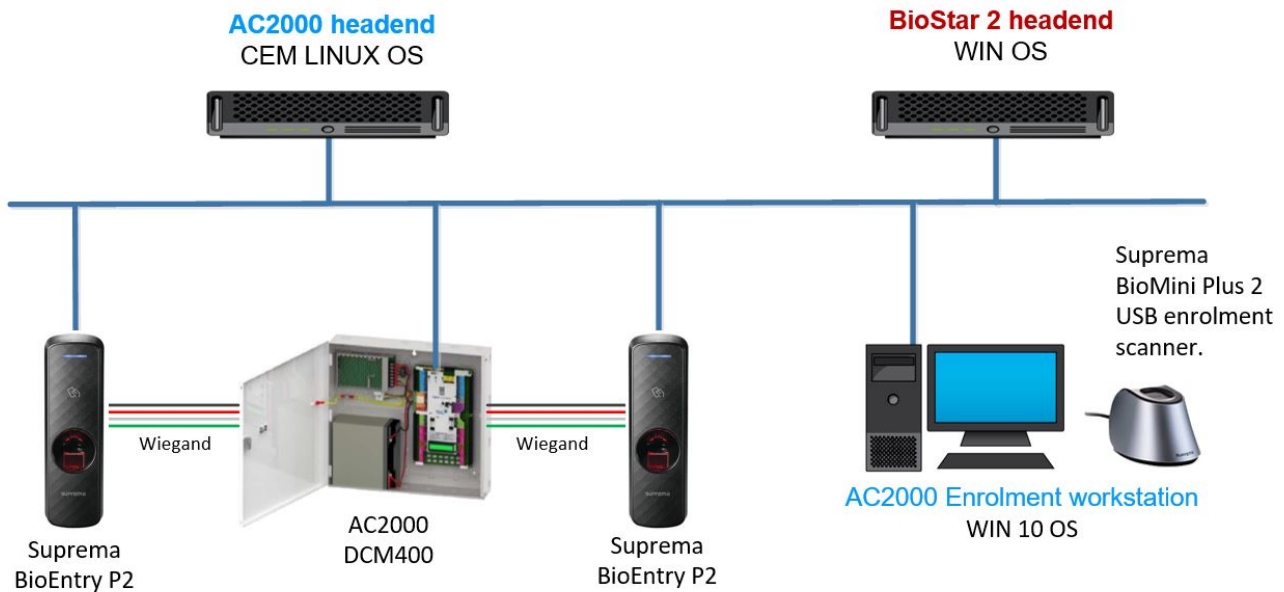


Figure (above): OEM BioStar 2 interface for BioEntry readers with AC2000 using integral AC2000 enrolment workstation application.

### BioStar2 software licences

To enable the AC2000 interface the CEM BioStar interface license must be entered into the AC2000 system. (Part number SWINT-BIOSTAR).

On the Suprema side the BioStar 2 system software is required. The free version downloadable from the Suprema web site is compatible with the AC2000 interface, and is not restricted to door quantity.

### Software installation

The biometric enrolment application is installed on the AC2000 workstation client PC, and utilises the Suprema BioMini Plus 2 USB enrolment scanner, which is directly connected to the workstation USP port.

The BioStar2 software can be installed on a Windows OS PC with Windows 8.1 or later, and Windows Server 2012 R2 or later. BioStar 2 supports a 32-bit operating system and a 64-bit operating system.

### AC2000 Personnel client application interface

AC2000 automatically or manually can synchronize all ACS cardholders/users from the ACS server into Video Management System's personnel record set. User images are also imported in the process and set as the primary personnel image for that user.

### Workstation fingerprint enrolment unit

Suprema BioMini Plus 2 USB enrolment scanner.

## Supported operating systems for Suprema BioStar 2 software

Windows 8.1 or later, Windows Server 2012 R2 or later. BioStar 2 supports a 32-bit operating system and a 64-bit operating system. BioStar and BioEntry datasheets are available directly from [www.Supremainc.com](http://www.Supremainc.com).

### For further information: -

CEM Systems AC2000 access control  
<https://www.cemsys.com/>

Suprema Biostar 2  
<https://www.supremainc.com/en/support/biostar-2-package.asp>

## Ordering Information

Part Code	Description
SWINT-BIOSTAR	AC2000 Suprema BioStar Biometric Enrolment Interface module
SUP-BEP2-OD	Suprema BioEntry P2 Fingerprint Reader with Mifare/DESFire CSN
SUP-BEP2-OA	Suprema BioEntry P2 Fingerprint Reader with 125kHz HID Prox, Mifare/DESFire CSN and iClass SE

## Minimum requirements

- AC2000 Standard edition
- AC2000 Airport edition
- AC2000 Enterprise edition
- victor Professional
- victor Enterprise
- victor Express

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## About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.cemsys.com](http://www.cemsys.com) or follow CEM Systems on LinkedIn and Twitter.