db Bus

ADVANCED TECHNOLOGY DELIVERS CABINET SECURITY WITH A WIDE RANGE OF AUTHENTICATION OPTIONS

The db Bus access control system saves cost by eliminating the need for a controller, network point and power supply at each cabinet. A sophisticated bus architecture distributes fail-safe signals and electrical power from a single controller to up to 64 cabinet door locks. The db Bus offers multiple options for authentication either at the cabinet or at the end of a row of cabinets.

PHYSICAL

db Bus Controller
- Dimensions: W7 1/2 x D5 x H1 1/4

db BioLock
- Lock Dimensions: Fits most 25 x 150 mm openings

db CardLock
- Lock Dimensions: Fits most 25 x 150 mm openings

db iCardLock
- Lock Dimensions: Fits most 25 x 150 mm openings

db ELock
- Lock Dimensions: Fits most 25 x 150 mm openings

AUTHENTICATION

At the cabinet
- Independent biometric or card locks on the front and back doors of a cabinet
- Biometric or card lock on the front door, simultaneously unlocks front and back doors

AUTHENTICATION

At the end of a row of cabinets
The db Enline unit allows a user to specify which cabinet they are attempting to access, then provide up to three credentials to authenticate.

db Enline features
- Finger Sensor: capacitive n
- LCD: 2 x 16 character lines
- LED Indication: Tri-Color
- Keypad: 12-Key steel matrix
- HID iClass 13.56 MHz smartcard reader or HID compatible 125 KHz proximity reader

TECHNICAL SPECIFICATION
- Input Power: 48V DC, 4.6A
- Current Draw (with no Bus Devices): 20 mA @ 48V DC
- Bus Power: 48V, maximum current 4.167A
- Operative Temperature: 32°F-158°F (0°C-70)

ENROLLMENT
- Enrollment Time: < 5 seconds
- Identification Time (1-1): < 1 second
- Identification Time (1-N): < 1 second/1,000 users
- EER Rate: <0.1%
- Security Levels: 3

MEMORY STORAGE
- User Capacity: 9,500
- Fingerprint Template Size: 384 bytes
- Log Capacity: 60,000 events
- Finger Sensor Type: capacitive with fake finger detection
- db CardLock Reader Type: 125KHz HID compatible
- iClass Card Reader: 13.56 MHz HID compatible
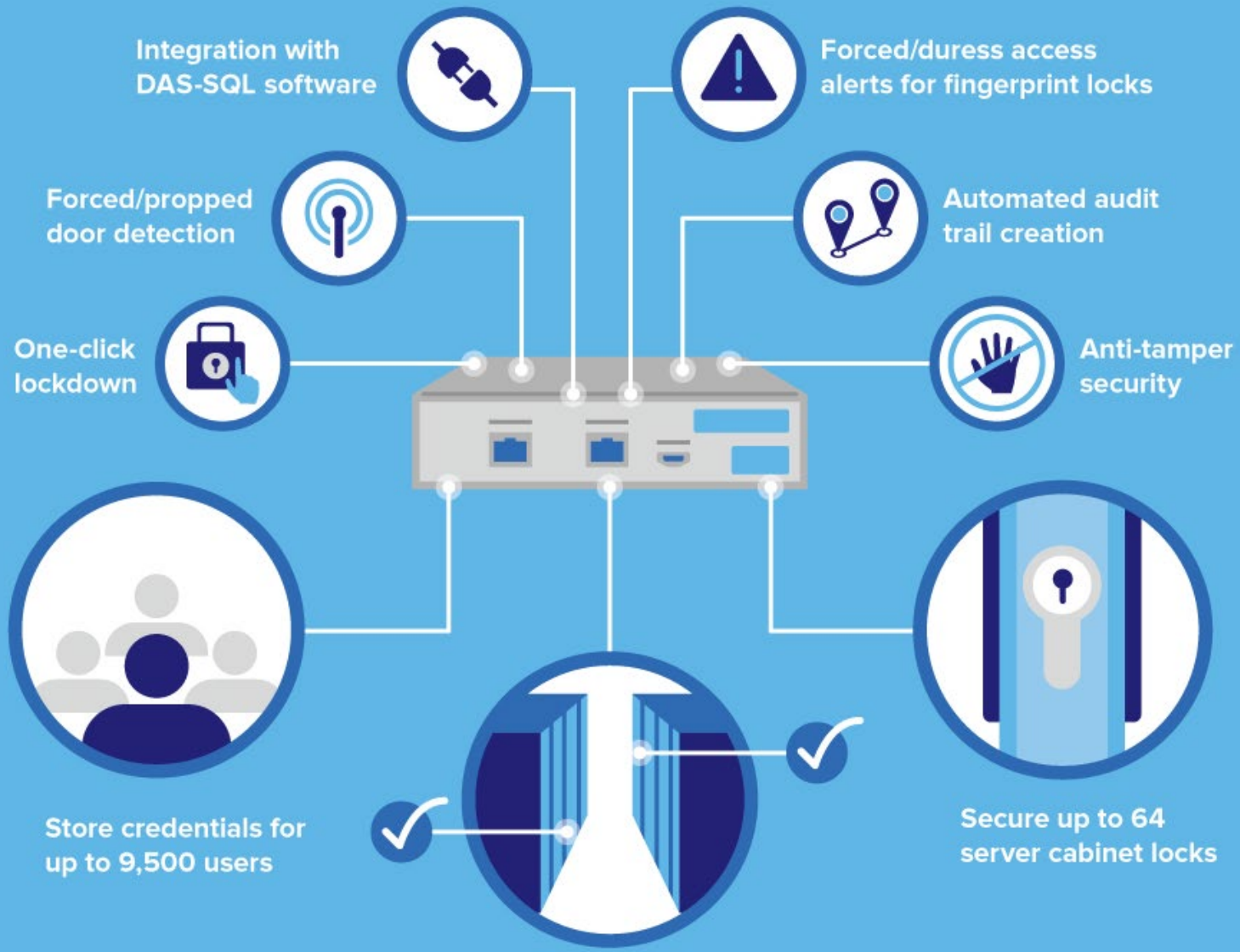
ARCHITECTURE
- Single Ethernet connection to bus controller
- Single 48V power-supply to bus controller
- Bus controller provides power and data signals to all devices
- Control 64 doors from a single bus controller

GENERAL FEATURES
- Managed with Digitus' DAS-SQL software
- Indisputable audit trail
- One-click lockdown of system
- Restrict access times
- Duress activated alert (fingerprint door locks only)
- Anti-tamper security
- Forced/propped door detection

	db BioLock	db CardLock	db iCardLock	db Enline
Security Layers	Biometric	Card	iClass Cards	PIN, Biometric, RFID (optional 13.56MHZ/125KHz)
User Capacity	9,500	9,500	9,500	9,500
Operation Mode	Ethernet Networked	Ethernet Networked	Ethernet Networked	Ethernet Networked
# of Fingers Enrolled Per User	Up to 10 (with 2 Duress)	N/A	N/A	Up to 10 (with 2 Duress)
Verification/Identification	Identification	N/A	N/A	Both

DIGITUS BIOMETRICS
Access Security Solutions

db Bus

Integration with DAS-SQL software

Forced/duress access alerts for fingerprint locks

Forced/propped door detection

Automated audit trail creation

One-click lockdown

Anti-tamper security

Store credentials for up to 9,500 users

Users can authenticate at the cabinet door or at the end of the row of cabinets.

Secure up to 64 server cabinet locks