

Management Software

Building on previous versions of the time-tested, robust and flexible dbDAS-SQL platform, dbDAS-SQL v3 Standard Edition is a full-featured client-server application that manages Digitus Biometrics' networked access-control solutions. dbDAS-SQL uses Microsoft SQL Server as its server database platform and runs as a system service, providing true multi-threaded communication to each Digitus device. For larger installations, dbDAS-SQL v3 Enterprise Edition delivers a multi-scale architecture that enables dbDAS-SQL to run multiple distributed Device Communication services/servers. There is no limit to the number of workstations that can run the dbDAS-SQL client software.

SCALABILITY

dbDAS-SQL v3 can scale to operate with thousands of Digitus access controllers. The database resides on a centrally accessible server that enables administration of all units from a single desktop.

REPORTING

dbDAS-SQL v3 provides detailed audit (log) reports, with the industry's only indisputable audit trail and tremendous flexibility for defining report criteria. dbDAS-SQL can generate reports by user, device, user group or department, and allows Users to define custom sorting and specify date ranges for reports. These reports can be customized and automated along with a list of standard reports. The ultra-secure nature of the alert management features and SYSLOG capability puts the dbDAS-SQL platform in a security field all by itself. Some of the alert management and automated report capabilities include the following:

- ⦿ The system will log who acknowledges an alarm
- ⦿ The system facilitates text fields to describe cause and resolution of alarm
- ⦿ Time and date stamps of the acknowledgment
- ⦿ Facility and location of person acknowledging the alarm

SYSTEM OPTIONS

The System Setup tabs provides a single management point for all system- wide settings:

- ⦿ Configure server settings, peripheral devices and email server settings
- ⦿ Configure Controller Password Policies, DAS Admin User Password Policies, biometric template options, RFID Card settings, Device Communication servers, Active Directory settings, Wiegand parameters and Syslog settings
- ⦿ Create default settings for any new device added to dbDAS-SQL and user-defined fields for user records

USER MANAGEMENT

- ⦿ Central enrollment through dbDAS-SQL allows for the easy addition of Users, followed by unique features for assigning individual or group permissions. Each user can register up to ten fingers, with any two fingers being designated "duress fingers." Managing who has access on what days/times has never been easier. This full function, user friendly software platform anchors an access control platform that has been rated by industry experts as being "the most secure in the world." Features such as dual custody, require two users to successfully authenticate in order to gain access to a given area or cabinet, and the anti-passback feature that ensures person who enters a secure area must authenticate to exit that same area prior to re-entry. Additionally, dbDAS-SQL supports mantrap functionality where a person must wait for the first door to close prior to gaining access to the second door.

DEVICE MANAGEMENT

- ◉ dbDAS-SQL manages all Digitus devices, from auto discovery through to configuration, enrollment, monitoring, and reporting. This single platform can manage any mixture of dbNexus room access controllers, multi-cabinet access architecture dbBus Controllers and single cabinet access dbSentry controllers. Managing the access controllers (hardware) themselves is also made easy through dbDAS-SQL. This robust software platform works with every product in the Digitus product line. The software intelligently adds new local units to the system by sending a UDP broadcast to the network, and remote units by specifying the controller's IP address. dbDAS-SQL allows a System Admin User / manager to configure individual settings on each unit to determine which specific features are enabled and which are disabled.

REAL-TIME MONITORING

- ◉ dbDAS-SQL provides a wide range of monitoring and control capabilities. The system status window displays access events as they occur for real-time monitoring of all devices. The software will monitor the status of doors, including open / closed status as well as propped door (door being left open / ajar) or forced entry (access to a door without prior successful authentication, such as with a key). dbDAS-SQL tracks individual Users as they pass through access points around the enterprise, globally.

REAL-TIME ALERTING

- ◉ dbDAS-SQL provides real time alerts via the central monitoring station. The software presents a list of potential "alerting" events a manager can choose from. These alerts can also be delivered via email to handheld devices, providing those who need to know up to the minute information about their security system.

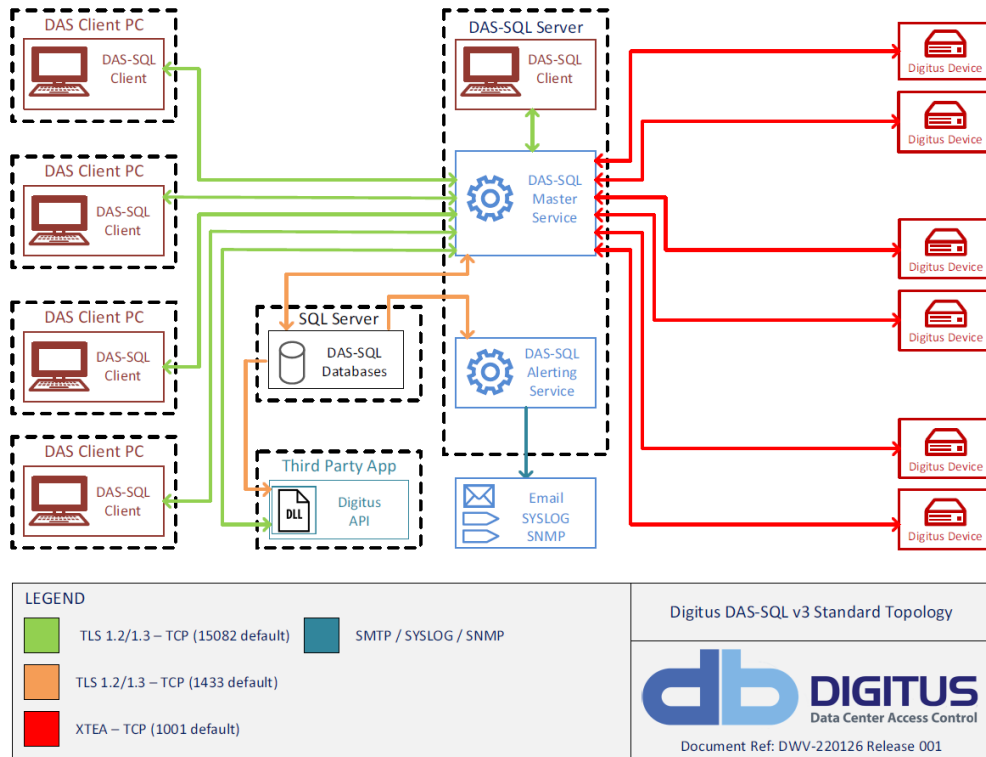
INTEGRATIONS

- ◉ dbDAS-SQL is able to send SNMP Traps
- ◉ Integrate with third-party access control systems Lenel/S2 OnGuard
- ◉ Active Directory Integration allows for the provision of cabinet access using Active Directory Security Groups

KEY PRODUCT FEATURES	STANDARD	ENTERPRISE
User configurable password policies for Administration Users and Controllers	✓	✓
Assign each dbDAS-SQL User to multiple User Groups	✓	✓
Support multiple RFID Card formats (Prox, iClass, MiFare EV1, DesFire)	✓	✓
Support additional card formats / Elite Keys via config card	✓	✓
Ability to manually provide access cabinet doors / access points	✓	✓
Generate ad-hoc, on demand or scheduled audit reports	✓	✓
Up to 99 programmable access times / schedules / shift patterns	✓	✓
Set Smart Handle modes (system wide)	✓	✓
Push firmware updates to Digitus devices	✓	✓
Lockdown / release entire system with a single button click	✓	✓
Assign access permissions using Active Directory Security Groups *	✓	✓
Access to full feature API *	✓	✓
Integrate with Lenel/S2 OnGuard access control management platform *	✓	✓
Support for IPv6		✓
Automatically login to dbDAS-SQL Client using Active Directory Single Sign-on		✓
Send system alerts via SMTP Email, Syslog and SNMP Traps		✓
Set Smart Handle modes (per handle)		✓
Includes a separate Device Communication service		✓
Expandable with multiple Device Communication service for larger systems *		✓
Unusual Activity Monitoring		✓
Zero-Trust option, requires additional layer of authentication		✓
Partitioning feature, allows software administrators to manage a restricted portion of the system. Very useful for multi-site implementations.		✓
Redundant Master Service with auto-failover *		✓
Redundant Device Communication per controller *		✓
Support for multiple RFID cards per user *		✓
Enhanced reporting module *		✓
Graphical based monitoring utility *		✓

* requires additional paid licensing option

dbDAS-SQL v3 Standard Topology



dbDAS-SQL v3 Enterprise Topology

