

Digitus Access Software (DAS-SQL)

ANCHORING THE MOST SECURE ACCESS CONTROL TECHNOLOGY IN THE WORLD

USER MANAGEMENT

Central enrollment through Digitus Access Software - SQL (DAS-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 was never 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 like dual custody, require two users to authenticate to gain access to a given area or cabinet. The anti-passback feature ensures that a person who enters a secure area must authenticate to exit that same area prior to re-entry. In mantrap applications, a person must wait for the first door to close prior to gaining access to the second door.

UNIT MANAGEMENT

DAS-SQL manages all Digitus devices, from auto discovery through configuration, enrollment, monitoring, and reporting. This single platform can manage any mixture of db Nexus room access controllers and db ServerRack cabinet access controllers.

Managing the access control units (hardware) themselves is also made easy through DAS-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 broadcast to the network, and remote units by specifying the unit’s IP address. DAS-SQL allows the manager to manage settings on each unit to determine which features are enabled and which are disabled.

REAL TIME MONITORING

DAS-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 or forced entry. DAS-SQL tracks individual users as they pass through access points around the enterprise, around the world.

REAL TIME ALERTING

DAS-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. The software also allows the database to be partitioned to segment various customers, as might exist in a public data center environment. These customers can be granted access to the DAS-SQL platform via “client licenses” and take advantage of the many features, as they relate to their access points on their server cabinets.



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MANAGEMENT SOFTWARE

DAS-SQL is a full-featured client-server application that manages Digitus Biometrics' networked access-control solutions. DAS-SQL uses Microsoft SQL Server as its server database platform and runs as a system service, providing true multithread communication to each Digitus device. For large installation, multi-scale architecture enables DAS-SQL to run up to five slave servers. There is no limit to the number of workstations that can run the DAS-SQL client software.

REPORTING

DAS-SQL provides detailed audit (log) reports, with the industry's only indisputable audit trail and tremendous flexibility for defining report criteria. DAS-SQL can generate reports by user, unit, user group or department, and allows users to define custom sorts 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 DAS-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

SCALABILITY

DAS-SQL can scale to operate with thousands of access control units. The database resides on a centrally accessible server that enables administration of all units from a single

desktop. The database can also be partitioned to enable multiple parties to manage, monitor, alert, and report on specific access points or groups of access points, as in allowing colocation clients to remotely monitor their own assets.



PARTITIONS

Partitions are used to create "virtual systems" within DAS-SQL. When partitions are not defined, every object (user, unit, zone, and user group) created in DAS-SQL is accessible to every other object. Partitions segment objects within DAS-SQL so that they are accessible only by other objects within that partition. For example, a colocation facility may want to segment its customers' cabinets to create a distinct partition for each customer. Doing so allows each customer to remotely manage, monitor, and report on all of their own access points, without any visibility into objects outside their partition. The "system partition" still has access to all partitions, allowing colocation administrators to manage the entire system.

SYSTEM OPTIONS

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

- Configure server settings and peripheral devices
- Configure email server settings
- Create and manage DAS-SQL partitions (explanation below)
- Configure slave servers
- Create default settings for any new device added to DAS-SQL
- Configure Wiegand parameters
- Create and manage user-defined fields for user records