

## Cogito Security Management System



## Unified Security Platform

## Enterprise Security Management Solution

# Next-Generation Security

Be ready. For today and tomorrow. This is exactly what we help you to do. Averics' systems natively support traditional server-based access control and web-hosted access control.



## Hosted, Managed, and Traditional Access Control

### Flexible, Powerful and Scalable

Averics systems are designed with flexibility, power, and scalability in mind. Our systems handle single door installations to installations consisting of 1000s of doors with equal ease. Now, you can grow your system one door at a time without worrying about incurring excessive costs.

### Intuitive and Easy to Use

A single unified user interface to handle your access control, video surveillance and intrusion detection systems. Flexible context-sensitive windows make it a breeze to monitor large multi-site systems. An intuitive interface requires less training and little need to refer to the user manual.

### Secure and Reliable

System security is a primary focus of Averics' system design. All client-server and server-controller communications can be configured to use encryption. In addition to standard security protocols such as HTTPS/SSL, we implement a special multi-phase authentication scheme that makes our systems extremely secure. "Fail-over" and "hot-standby" modules may be used to ensure high availability.

### Access Anytime, Anywhere

Whether you have a single door system or a large system spanning across the globe, you use a standard web-browser interface to manage your security systems. No special software required.

### Hardware Agnostic

Averics' systems can be used to control any security hardware. You are not locked in to hardware from a specific vendor and you can mix and match hardware from multiple vendors within the same system. This gives you great flexibility in selecting the kind of hardware needed for a specific installation.

### Highly Cost-Effective

We pride ourselves on developing and manufacturing cost effective products that outperform much more expensive products from our competitors. Our simple licensing model eliminates confusion and hidden costs.

### Programming API and SDK Tools

Averics products are built with extensibility in mind. New applications and services can be developed that plug into the main application. We encourage developers to extend our products. Full support is available to the developer community.

### Rebranding

Dealers and partners can customize the Averics interface to reflect their own branding. Our rebranding goes a lot further than simple "your logo goes here" integration. We help you to make rebranding unique to your company and business model.

### Free Support and Training

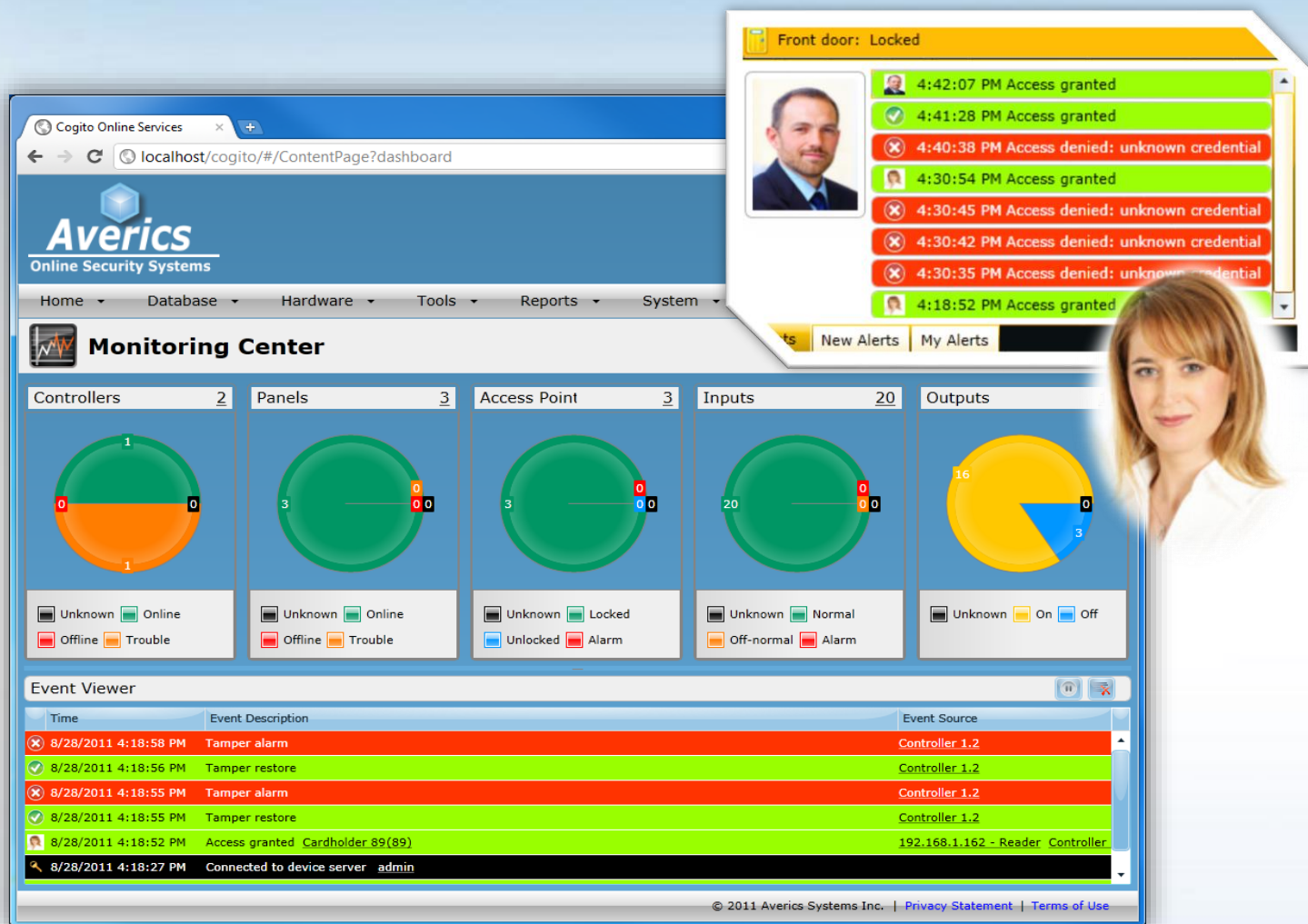
We are proud to support our products free of charge to our customers.

# Cogito Security Management System

Cogito Security Management System is a platform that seamlessly unifies access control, video surveillance, and intrusion detection systems into one intelligent system. End users manage all their security services and products from a single unified user interface. Security integrators no longer need to wire-up disparate multi-vendor security systems using back doors and proprietary technologies and end users no longer need to learn multiple systems to manage security in their facilities.

Cogito is available in three different scenarios to suit the needs of different organizations.

- A Software-as-a-Service (SaaS) or “Cloud” version that is hosted on Averics’ secure and scalable servers
- A fully configurable application for installation on a customer’s IT infrastructure
- A pre-configured version for rapid deployment on a customer’s network



## Cogito Online Services™

Cogito Online Services™ (COS) is our cloud-hosted security management solution that provides affordable, reliable and real-time security administration. If you have access to a web browser, you are all set to use Cogito Online Services. COS is a Software-as-a-Service (SaaS) offering that eliminates the need for dedicated servers and software installation on



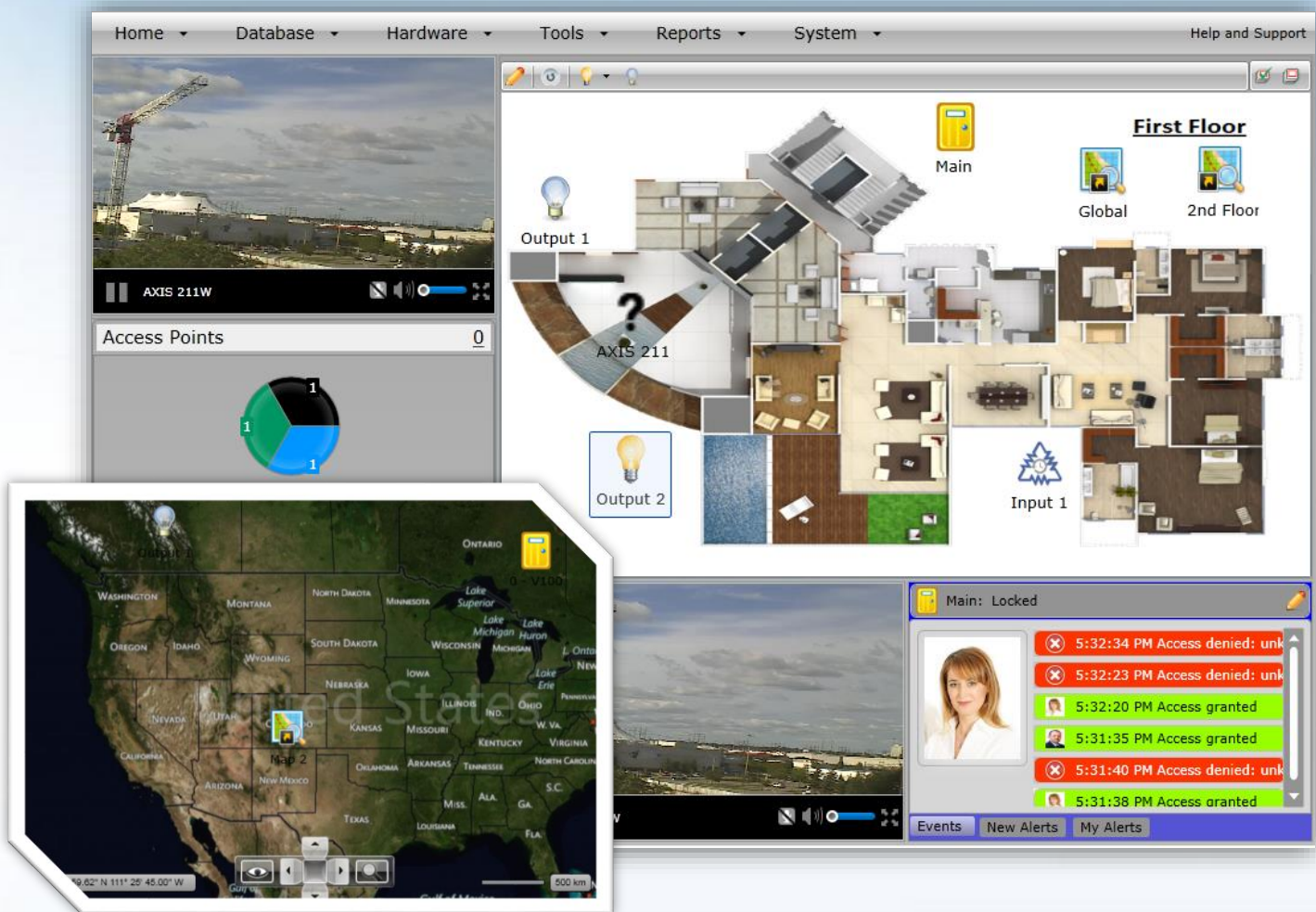
client sites. Applications are hosted on powerful, secure and scalable servers running in SaaS certified data centers. All an end user needs to operate COS is a web browser such as Internet Explorer, Google Chrome, or Firefox.

## Cogito OnSite™

Cogito OnSite™ is our server-based product, ideal for companies that need to store security data at their location.

No software needs to be installed on desktops, as a web browser is all you need to access Cogito OnSite™ for on-site or remote users.

Cogito™ OnSite's modular architecture allows maximum flexibility and scalability as your needs change and grow, whether it is the continued growth in the number of premises being monitored or the addition of new types of access control and surveillance hardware.



## Cogito ReadyBox™

Cogito ReadyBox™ is our system-in-a-box readymade solution that comes pre-assembled and pre-configured with required software. You simply plug it into network and it is ready to do its job. With the ReadyBox, you have access to a complete integrated security management system – from access control to video to intrusion – using only your web browser. No special software required.

## Key Product Features



**Unified Security Platform.** Cogito <sup>TM</sup> seamlessly unifies access control, video surveillance and intrusion detection.

**Universal Client Interface.** You do not have to learn multiple programs to manage your security. Cogito universal client is all you need.

**Mobile clients.** The Cogito Mobile Application enables access to key functionality from any smartphone.

**User-definable Views.** An innovative feature in Averics' products allowing you to define custom monitoring views for your system.

**Advanced Reporting.** A large number of event, database and audit reports are included in the system. Reports may be exported to various formats such as PDF and Excel. In addition, the system includes powerful data visualizations such as pie charts and gauges.

**Report Designer.** Expand on the built-in reports with the powerful and easy-to-use report designer. Reports may be shared with other users or schedules to be run later.

**Custom Graphics.** Any entity, such as a building, door, card reader, camera etc., can be assigned an image that is shown throughout the system.

**Audio & Animations.** Any event in the system may be assigned a custom audio file or a custom animation that is played when the event takes place.

**Task Wizards.** Task wizards help you to perform common tasks such as adding a card or changing your password.

**Global Search.** Search capability is available throughout system to enable quick access to system information.

**Recycle Bin.** Recycle bin is a unique feature that allows you to recover deleted records.

**Alarm Monitoring.** You can trigger alarms based on different events. Action plans may be associated with alarms specifying exactly how an operator handles a given alarm.

**Cardholder and Area Monitoring.** In an emergency situation, you may need to know where a cardholder has been as well as their current location.

**Role-based Security.** Assigning security privileges to a role rather than a user makes application security management much easier.

**Database Partitioning.** As different administrators may manage data such as controller records, card records and events, the system data can be partitioned to provide discrete access to each area.

**Audit Logs.** The system keeps a complete history of changes done by the logged on user.

**Device Discovery.** New device configuration is simplified by automatic discovery and configuration of new devices.

**Active Directory Integration.** Through this feature you can integrate your security processes and IT processes.

**Automatic Notifications.** The system can be configured to automatically send emails and other notifications on occurrence of given events.

# Cogito Feature Chart

## User Interface

- Universal client
- Universal mobile client
- Configuration wizards for common tasks
- Recycle bin that allows recovery of deleted records
- Global search that provides single-click access to any cardholder or device in the system
- Collapsible panes-based smart user interface
- An extendible list of application look-and-feel themes
- Multiple languages
- Built-in language translator
- Multi-monitor support
- Complete touch screen support

## System Monitoring

- Context-sensitive, user-configurable event viewer
- User definable workspaces
- Ability to build custom workspaces using matrix view, video view, list view, map view.
- Static, event-driven, carousel-based, monitoring cells
- Interactive graphics maps with support for Microsoft Bing maps, AutoCAD maps, OpenStreet maps, ESRI files, and other GIS compliant formats.
- Built-in monitoring dashboards
- Custom dashboards
- Custom audible notifications
- Custom event-driven animations
- Cardholder picture verification
- Custom state text & images

## Alarm Monitoring

- Integrated alarm management
- Unlimited alarm priorities
- Ability to acknowledge, unacknowledged, snooze, forward, and generate alarms
- Alarm action plans
- Multiple alarm sources: access control, intrusion, video
- Alarm instructions
- Configurable retention periods
- Alarm case management

## Security

- Role-based user management & security
- Login-based security trimming of the application features
- Partitioned databases
- Encrypted communications between device server and devices as well as between clients and various application servers. 128 bit SSL encryption and X509 client certificates
- HTTPS support
- Single sign on (federated security) support
- Authentication plug-ins for active directory and other authentications providers
- User activity logs and audit trails

## Reporting

- Database configuration reports
- Historical event reports
- Audit reports
- Custom report designer
- Time and attendance reports
- Incident reports
- Summary reports
- Scheduled report generation
- Snapshot, Live and Saved reports
- Embedded charts in reports
- Conditional routing of reports to email accounts
- Exporting: PDF, Excel, CSV, and more

## Badging

- Built-in badge templates
- Intuitive WYSIWYG badge designer
- Double-sided badge design and printing
- Multiple picture capture options
- Custom fields
- Barcodes support
- Multiple card printers supported



Access Control	Disaster Recovery & Upgrades
1-reader, 2-reader, or unlimited reader systems	Managed disaster recovery
Door unlocking by a schedule, manually or through features such as “First Person” delay	Automatic backups (in the hosted deployment) and scheduled offsite backups
Hard or soft timed as well as real global (pc-independent) anti-passback	Automatic software upgrades
Global event linking	Hot stand-by and fail-over server
Area monitoring and mustering	Hardware
Interlocking (also called map trap or sally port)	Hardware agnostic design
65,535 access levels per controller	IP cameras
Card enrollment module	IP and RS485 controllers supported
Holidays spanning across days	POE enabled door controllers and cameras
Multiple simultaneous card formats supported for site consolidation and hassle-free transition between new and legacy cards	Multiple card technologies: proximity, mag stripe, iCLASS, MIFARE, biometrics, etc.
Card/PIN commands	Heating, venting and air conditioning systems (HVAC) supported.
Cardholder groups make access management easy.	Add-on Modules
Multiple access levels per card. Access levels may be assigned at the cardholder or the card level.	Card tracing module
Advanced card features such as card tracing, card usage count, stealth mode	Elevator control
Escort required feature	Guard tour module
Deferring of access decisions to the PC	Parking module
ASCII commands and event forwarding	Access request module
System lockdown	Vacation approval module
Firmware upgrades	Asset tracking module
Video Surveillance	Visitor management module
Unified configuration of access control and video devices	Time and attendance module
DVR/NVR Integration: Milestone XProtect, ISS SecurOS, Digifort, Axis Camera Station, and many more	Custom form designer
Support for hosted video services	Active directory module
PTZ presets	Data import/export module
2-way audio	Message templates
System Configuration	Multi-site
Auto-discovery of access control panels and cameras and other devices	Integration
Multiple cameras per door	SharePoint Widgets
Drag drop configuration through location tree or through interactive graphic maps.	Message routing
Configuration of the system through mobile devices.	XML/JSON Webservice API
	Outlook integration
	MODBUS, MODBUS RTU, MODBUS TCP/IP
	BACNET



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