

The CeOSnet System

There have been no new innovations within the Access Control industry in a long time. The controllers have become faster, include the latest communication techniques and incorporate the use of many card technologies but essentially today's controllers' function like they did over 20 years ago. During our design process, we wanted to develop something that was truly innovative. We wanted to design features for the next *Generation* of controllers to be useful for integrators as well as end users. Our design goals were to provide high reliability and the most flexible system configuration architecture to meet today's industry demands. We wanted to develop a system that created the least amount of impact to the end user.

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This product is of the highest quality, yet cost effective and delivers optimum performance. Through our continuous support and long term partnering, we have become well recognized for our reliability, courteous service, strong back-up and have truly achieved an honest reputation in the international business world.

CeOSnet for Windows is a fully integrated, scalable access control and security management solution designed for all type and size facility applications. From one door to thousands of doors, the system's capability in conjunction with hardware controllers provide world-class security and facility management through multiple types of feature benefits.

The CeOSnet hardware system utilizes the capabilities of 32 bit CPU and Ethernet topology to provide a higher level of computing and communication integrity. We incorporated a self-healing firmware architecture that has a tolerant to system degradation.

Software Management

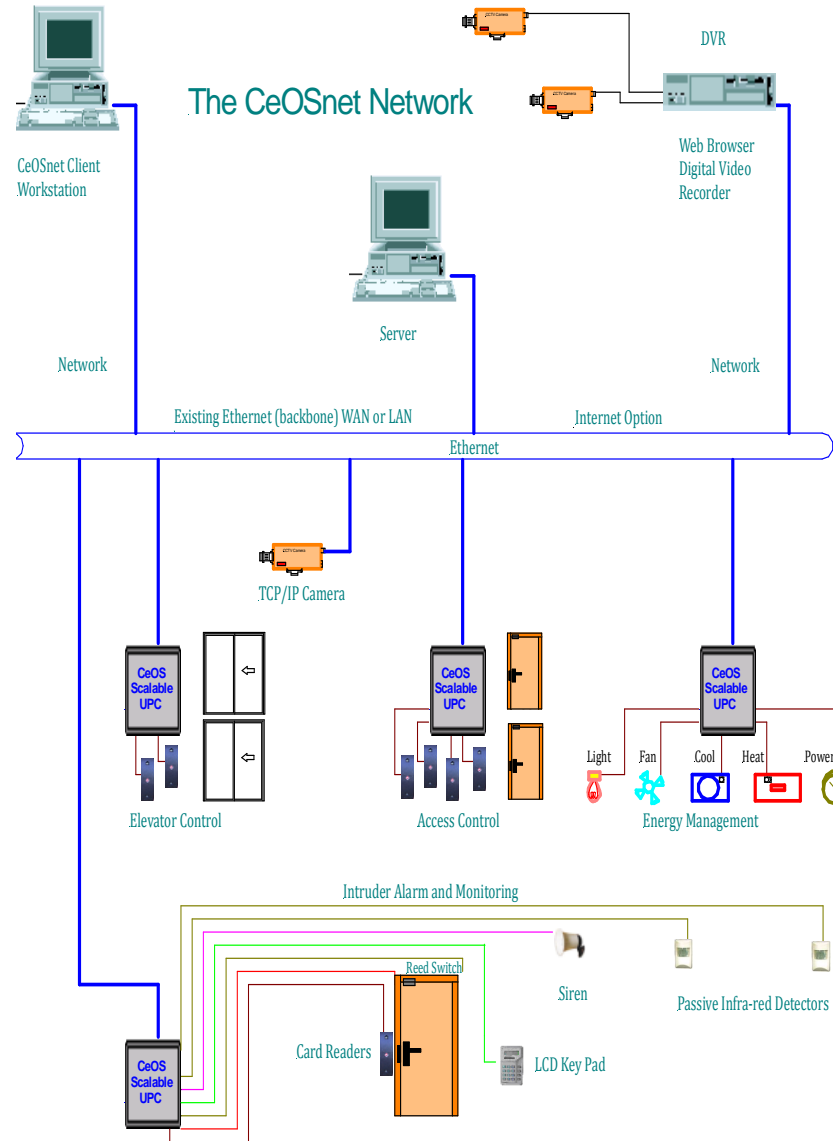
HISTORY MANAGER
Select data with the Pick and Click History selection tool. It makes generating History reports from the database quick and easy. Relative data appears based on the selection criteria.

MAP MANAGER
Allows Maps to be launched independent of the main CeOS program. Maps are dynamic with icons for Doors, Alarm input points and Computer control Outputs.

CONTACTS INFORMATION
Detailed information is entered via Contacts. Contacts provide all the necessary entry data relating to employees including Card and Security codes.

Control Functions

- _ Total System Audit
- _ Password Controlled User Menus
- _ Bulk Cardholder Activation
- _ Supervisor Controlled Access
- _ Cardholder Controlled Access
- _ Long Access/Handicapped Access
- _ Access Actions by Cardholder or Remote egress
- _ Cardholder Trace Action
- _ Operator Solicited Open Door
- _ Two Person Minimum Occupancy Rule (card supervisor)
- _ Automatic System detection Prior to Battery Failure
- _ Automatic Door Opening by Time Clock
- _ Automatic Card Expiration by Date
- _ Automatic User Scheduled Activation
- _ Automatic Daylight Savings Control
- _ Automatic Dial-out to remote Monitoring Central Station
- _ User Defined Reports
- _ Intelligent Floor Control (interface to Floor Intercom)
- _ Floor Area Door Cardholder Reporting
- _ 4 or 3 State Alarm Monitoring
- _ Occurred and Logged History Time Stamp
- _ Regional Anti-Passback
- _ Strict/Lenient and Soft Anti-Passback
- _ Area Entry/Exit Delay Alarm
- _ Controller Status with Firmware Verification
- _ User Selectable Alarm Type (Supervised)
- _ Individual Alarm Latching Selection
- _ User Defined Input/Output (interface to Energy Management)
- _ Acknowledge/Reset Alarm Processing
- _ Integrated TCP/IP Camera interface
- _ Integrated Alarm/Door/Output Graphics
- _ Available in another Language
- _ Australian Regulatory approval
- _ Windows7, Vista, XP, Server 2003/8



Specifications

Standard Capacities

Cardholder	30,000 per controller
Card Readers	4,096 entry only
Card Readers	8,192 entry/exit
Access Privileges	is Unlimited
Holidays	64 schedules (list of 8 per schedule & perpetual, full or partial days)
Time Clocks	32 (with 4 intervals periods per controller)

Inputs	31,744
Outputs	32,000
Elevator	4 Cabs 96 floor/controller

Passwords Unlimited
 Password Levels 16
 Card facility Group Unlimited

Communication Protocol

Ethernet	LAN/WAN
Multidrop	RS-485
GPRS/Dialer	RS-232
DALI	RS-232

Controller Compatibility

UPC-2401 Series
 UPC-SA/EA Series
 CRI Series
 SIO Series
 SIO-2 Series
 PIM Series
 KPM Series

Human Resources Computer Interface

Communication Interface for Serial RS-232 auto-enrollment of 52 bit Protocol MiFare Smart Cards.

CeOSnet is the building infrastructure of the Access Control, Alarm Monitoring and Energy Management.

CeOSnet accommodates the Orion Hotel door entry smart cards and the Rhine high-rise residential living door entry smart cards.