

CGRMS™ **Computer Graphics & Response Management System**

Features

- Provides text and/or graphical management of incoming events.
- Available in 6 sensor limits (400, 1000, 4000, 10,000, 20,000 and Site Specific > 20,000),
- Includes 10 levels of priority,
- Alerts Operator of incoming sensor alarm, trouble or secure.
- Bi-directional UDP driver interface to Digitize System 3505 PrismLX™ includes auto-synchronization of active events on power up, account auto-population of new and changed text, synchronization of in/out of service and Test-Mode.



Note: CGRMS is shipped with wide screen monitors.

Product Description

CGRMS™ is an integrated site management system that works in conjunction with various types of Access Control systems, Security and Fire panels, CCTV and PLC equipment, to provide efficient site managing and command tools. CGRMS™ utilizes the most of computer capability in graphics, communication and database management. It incorporates the latest in engineering applications with ease of operation.

CGRMS™ runs on a Pentium based personal computer connected in serial communication lines or LAN (Local Area Network) to various system control panels. Customized diagrams and maps, along with specific icons representing the different types of sensors, card access and cameras, simulate the actual system installation. CGRMS™ uses the signals given by the systems to show the user what is happening with each component (object). CGRMS™ can function as a stand-alone application on a single computer or in a client/server configuration with multiple computers, Primary and Backup as well as Cloud based monitoring.

MANAGE & CONTROL FUNCTIONS

• Security and Life Safety (Fire)

Using CGRMS™, the user can view the status of sensors by viewing the text-based event manager or viewing the graphical maps of the site. Sensors automatically pop up upon Alarm, Trouble, or Secure conditions on the maps. To ensure that no event is missed, the icons continue to blink until the condition has been acknowledged.

• CCTV Viewing and Management

Using CGRMS™ additional features and adding video capture cards and /or video switching hardware as well as cameras, turns CGRMS™ to be an advanced CCTV viewing, recording and retrieving system strongly incorporated with security and safety.

CGRMS™ enables the user to control camera's tilt, pan, zoom and focus, and to operate projectors and other outputs directly from computer mouse and keyboard. The user can capture live video, (colored or monochrome), from any desired camera, in overlay windows with all Windows XP functionality. Images may be captured and scaled up and down. Images may be stored, printed or faxed with additional text.

Video can be attached and presented with events in the graphical maps to provide more control. Video frames can be stored and retrieved from the database and continuously played back and forth up to a single frame.

Product Description (Continued)

• Access-Control

CGRMS™ is easily connected to qualified access control systems. All features of Cardholders, access levels, timetables and reports are defined in a very friendly way and loaded promptly to the controllers. CGRMS™ provides real time status of door passing, door violation, tracing, and has direct connection to the security alarm module. CGRMS™ can work with many access control loops.

• Building Control

Icons that represent I/O operations and analog values along with schedules and actions setup allow CGRMS™ to control air conditioning, central heating, lights, elevators and other building management systems.

CGRMS™ Hardware Requirements

The following are the minimum requirements for a standard CGRMS™ System (up to 20K Sensors), Consult Factory for Redundant servers, multiple monitoring locations and LAN/WAN & Cloud based systems:

Processor: Intel core i7 3 GHz or higher (up to 20K sensors)

Operating System: Windows 10 Professional with latest update

Memory: 16 GB or higher

Hard Disk: 1TB or higher and 1TB External USB backup Drive or greater.

Ethernet: 10/100/1,000 Gigabit

Display: Per customer spec generally 23" high Resolution or larger.

Dual Monitors with Test-mode or Maps feature recommended.

CD /CD-RW Drive

Standard Keyboard

Microsoft Compatible Mouse

Serial Ports: Serial ports are only required if hardware device communicates via serial port. If more serial ports are required, a Multi-Serial card must be installed. Windows 10 should be setup for more COM ports

Panel Interface: Interface cables to various Panels

Printer: Windows 10 compatible printer











USB Port: Software key (HASP) attached to CGRMS™ is installed on a USB port.





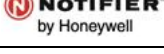


Other cards: Other interface cards for RS-485 communication, LAN, Video capture, modem, Voice and others should meet the CGRMS™ requirements and be introduced to Windows 10.









IMPORTANT: Windows 10 requires that all hardware be compatible per the Microsoft Hardware Compatibility lists. Contact Microsoft or your computer vendor to verify that the hardware selected for your PC meets Windows requirements.







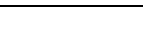
Order Information






900663-0019	CGRMS SERVER KEY and SOFTWARE - 400 OBJECTS: Contains Logging, Database, Graphic Display, Access & Video software and key for 400 Objects
900663-0020	CGRMS SERVER KEY and SOFTWARE - 1,000 OBJECTS: Contains Logging, Database, Graphic Display, Access & Video software and key for 1,000 Objects
900663-0021	CGRMS SERVER KEY and SOFTWARE - 4,000 OBJECTS: Contains Logging, Database, Graphic Display, Access & Video software and key for 4,000 Objects
900663-0022	CGRMS SERVER KEY and SOFTWARE - 10,000 OBJECTS: Contains Logging, Database, Graphic Display, Access & Video software and key for 10,000 Objects
900663-0034	CGRMS SERVER KEY and SOFTWARE - 20,000 OBJECTS: Contains Logging, Database, Graphic Display, Access & Video software and key for 20,000 Objects
450406-0012	COMPUTER GRAPHICS RESPONSE & MANAGEMENT SYSTEM (CGRMS) SOFTWARE (consult factory for customer specific applications >20K sensors)

Security	
Manufacturer	Description
	Ademco 96 inputs P50, 96 inputs XMPT2, Vista 128 BP
	Caddx 48 input panel, Caddx 8E, Caddx NX584
	Digitize Wide-scale data collection system
	DSC 8 to 64 and 16 to 128 zone control panel, Power 864 T-Link
	KP Wireless security systems
	MCDI Contact ID Receiver
Mintz Systems	Mintz 256 inputs 128 Output panel
	Napco 96 inputs panel
	Paradox Digiplex
	PIMA 96/144 inputs panel (RS-232, TCP/IP) PIMA HUNTER-Pro
	Rokonet OrbitPro, PROSYS 96 inputs, 33 outputs panel
Scantronics – Cooper	Scantronics Cooper 350 inputs
	Visonic Spider Wireless signaling and security system network

Fire	
Manufacturer	Description
	AlgoRex Fire panel
	Wide scale data collection System
	Fire panel
	Nittan Fire panel
	Notifier Analog Intelligent Fire panel
	Fire panel
	ADR 3000/4000 Fire panel

























Access Control	
Manufacturer	Description
	Access-Control on LAN
	Access-Control
	Fingerprint Access- Control
	Biometric Hand key
	Rosslare Security
	Tomcom Access-Control
	Visonic Proximity/magnetic, 2 readers
	GateKeeper Access Control




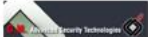

SMS	
Manufacturer	Description
	Beeper Paging System
	Cellcom SMS
	E-mail
	Nextel SMS
	Ascom Proprietary paging systems
	Local SMS
	Siemens MC35i Cellular modem + GSM

PLC for Building Control	
Manufacturer	Description
	Allen Bradley PLC
	Decision 192 Multi I/O digital card
	Eurotherm Temperature control
	Samsung PLC
	T-Box

Compatible interfaces (Please note that most manufacturers continue to enhance their product offering, this may require a CGRMS driver update at times).

Product Description (Continued)

CCTV	
Manufacturer	Description
	3xLogic
	AgentVi Outdoor VMD
	AXIS Video camera on LAN and Internet
	Bosch Video Matrix
	CCTV Star
	ELBEX Video Matrix
	ESC BAZ Dome camera + PTZ
	GeoVision
	Gyrr Multiplexer
	ISpy IP camera + PTZ unit
	Magna BSP
	Mango DSP Video Server, Video encoder
	March Networks DVR
	MAVIX Video and data networks
	NICE Video recording systems
	Ortek Camera + PTZ, Night Vision
	PELCO Video Matrix + Direct control on PTZ cameras
	ProTrack VMD-Scan
	ProVideo
	Samsung Dome camera + PTZ
	Sensormatic – American Dynamics Video Matrix
	Servision Cellular Video
	Vicon Multiplexer
	ViconNet

Perimeter Fences	
Manufacturer	Description
	DFence Perimeter fence
	ELFAR Perimeter fence
	Galdor Perimeter fence
	GM Technologies Perimeter fence
	Ortek Perimeter fence

Safe Lock	
Manufacturer	Description
	Lagard Safe lock