VGuard SECURITY MANAGEMENT SYSTEMS

NOW!
See events
as they happen in real time!

INTEGRATED

- Access Control
- Intrusion Alarms
- CCTV & DVR
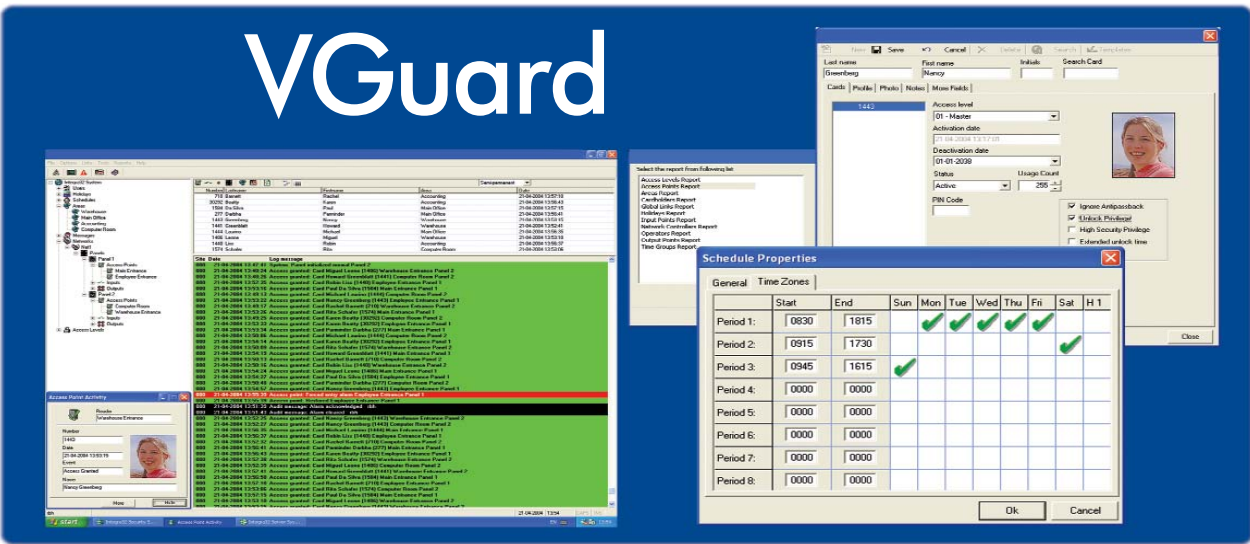- Photo ID
- Building Automation
- On & Offsite Monitoring

VGuard integrates all of the above functions into a single elegant security management system for modern buildings. VGuard's advanced architecture is specifically designed to take advantage of Microsoft Windows XP and is proven to work reliably under Windows 98, NT4.0, 2000 operating systems and ME. This user-friendly software ensures that security management needs are met easily and economically with minimal training.

... For Small to Medium Size Applications

VGuard

Full Featured Software

- **Modern architecture…**
  - Designed to take full advantage of Microsoft
- **Advanced Client-Server design…**
  - Includes 10 simultaneous full function clients over LAN/WAN
- **Multiple site management…**
  - Control an unlimited number of sites from a single location with complete database, graphics and history segregation
- **Optimum system capacity…**
  - Up to 99 system operators with individually definable privileges and a choice of languages (English, French, Spanish, and many others)
  - Up to 32 VRC-2000 Intelligent Field Panels
  - Up to 64 access points (readers), 256 inputs and 256 outputs
  - Up to 16 networks, including direct, TCP/IP, dial-up and wireless
  - 2000 cards per panel, expandable to 5,000
  - 32 schedules with 8 time zones each
  - 40 user definable holidays
  - 10 digit card numbers
- **"Double Swipe"…**
  - Authorized cards can lock and unlock doors, permanently or temporarily overriding schedules by presenting a card to a reader twice in a row. This provides the ability to close early without Access to the Security Workstation.
- **High Security Mode…**
  - Dynamically suspend and re-instate a cardholder's access privileges while maintaining access for specially authorized cards. This mode can be activated by "Four Swipe", system link, or an operator command from any Security Workstation.

- **"Four Swipe"…**
  - Authorized cards can enable and disable High Security Mode on specific doors by presenting a card to a reader four times in a row.
- **Personalized handicapped privileges…**
  - Handicapped cardholders can be accommodated with extended door unlock times and dedicated automatic door activation.
- **Anti-Passback…**
  - Global and local anti-passback supports soft or hard enforcement and anti-tailgating. This feature also includes scheduled area reset, live status monitoring and timed anti-passback.
- **Global Link Commands…**
  - System is capable of creating an unlimited number of system-wide automation command sequences with steps individually enabled by schedules.
- **Alarm acknowledgment…**
  - Alarms can be individually configured for a required acknowledgement restricted by schedule with up to 99 priority levels and associated instructions.
- **Additional features include, but not limited to…**
  - "First person delay"
  - "Man-trap" (or "Air-lock") logic
  - "Code Reader Links" - a sophisticated way for system automation
  - "Door held open" alarm and warning
  - Up to 10 uniquely configured cards per cardholder
  - Scheduled locking/unlocking, reader and keypad operation
  - Visual cardholder verification - full configurable
  - Customized formats for exporting reports to any other application - Time and attendance reports
  - Integrates with most Human Resources systems.

Advanced Integration

- **Complete CCTV & DVR Integration**
  Over the Internet or office LAN, the system user has direct system wide access to live video, event viewing, history event based video search and video export functionality.

  Custom tailored assignments link individual Access and Monitoring Points to specific cameras across multiple DVRs, providing an ability to set pre- and post-alarm viewing preferences and PTZ shots.

  Supporting the DVR and multiple DVRs from different manufacturers on the same system simultaneously provides enhanced flexibility and freedom of choice of manufacturer. By simplifying video search and allowing Access Point control directly from the live video screen, View Guard provides a wide range of user-friendly features.

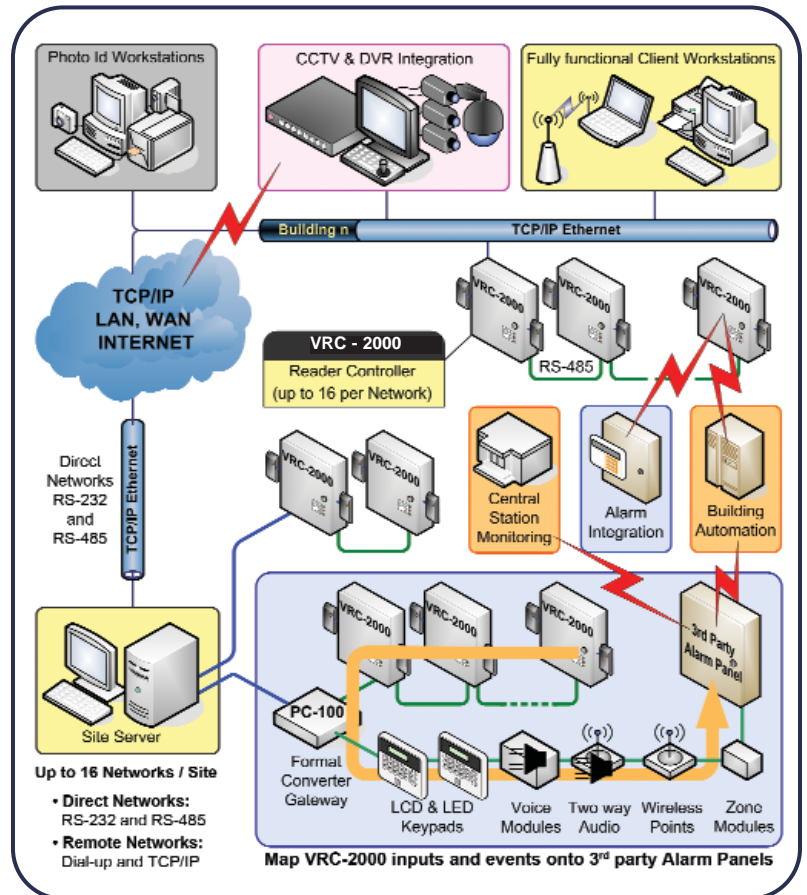- **VGuard Photo-ID & Badging**
  A fully integrated Photo ID module is designed to provide an easy to use and powerful tool for creating high quality personalized credentials. A sophisticated badge design tool allows for creation of professional looking template layouts.

  Features include…

  - **Dual sided badge design and printing**
  - **Signature and fingerprint capture**
  - **Magnetic stripe encoding**
  - **Use of standard Windows compatible video and picture sources with direct access to native settings**
  - **Direct and easy access to printer settings**
  - **Multiple templates**

- **HVAC & Lighting Control**
  The integrated I/O and Link capability of the VRC-2000 Intelligent Reader Controller makes integration with the existing HVAC and building automation systems possible.

- **Alarm Panels**
  Our VC-100 Format Converter Gateway allows our dealers to provide Central Station monitoring of the VRC-2000 inputs and events by mapping them on to a 3rd party burglar alarm panels. Linking alarm panel's keypad and expansion module bus with an RS-485 communications bus of the VRC-2000 network, VC-100 makes it possible to eliminate hardwired input duplication by representing them to a burglar alarm panel as another native expansion module.

  This connection functions weather or not VGuard software is running. VGuard provides many additional Alarm Panel integration features including "Access Granted" initiated alarm point shunt and arming/disarming based on…

  - **Access control activity**
  - **"Two Swipe" locking/unlocking feature**
  - **Locked/Unlocked state of Access Point**
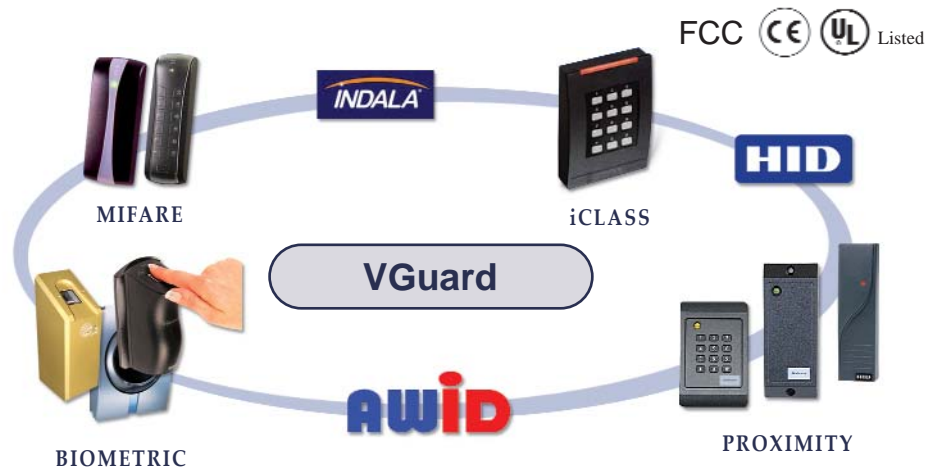 - **Code Reader Link actions**
  - **Schedule**

The VRC-2000 Intelligent Field Panel utilizes flash firmware for easy upgrades, and employs fully distributed intelligence for off-line operations. The panel contains on-board clock and memory backup as well as thermal overload protection.

VRC-2000 supports fully supervised communication via RS-232, RS-485, and TCP/IP with selectable communication speed up to 56.6Kbps. Dial-up and wireless connections are also possible.

The VRC-2000 enclosure includes a 2A, 12VDC power supply with battery backup, full load battery testing, thermal overload protection and status LEDs.

VRC-2000 INTELLIGENT FIELD PANEL

Panels per Network:	16, up to 16 networks per system
Local PC & Remote Communications:	RS232, TCP/IP Ethernet or RS485, supervised
Communication Between Controllers:	Supervised RS-485
Distance:	4,000ft (1,200m)
Type:	18AWG, 2 conductor, twisted, shielded
Communication Speed:	Programmable 9.6 - 56Kbps
Cards per Panel:	5,000
Access Levels per Panel:	5,000
Offline Transactions Buffer (Messages):	3,000 FIFO, command, and alarm priority
Access Points (Readers/Keypads):	2 with Red, Green LED and Buzzer control
Simultaneous Card Formats per Panel:	5, ten digit card numbers, Wiegand or Clock & Data
Site Codes per Panel:	10, site code programming is not mandatory
Reader Cable Distance:	Max 500ft (150m)
Type:	20 - 22AWG, 6 or 8 conductor, shielded
Power Requirements:	16.5VAC, 40VA transformer (not included)
Recommended Back-up Battery:	12V, 7AH lead acid or gel cell
Programmable Supervised Inputs:	8, four state monitoring, NO and NC inputs
Input Supervision:	4 state monitoring (1 or 2 resistors)
Input Cable Distance:	Max 1,000ft (300m)
Type:	20 - 22AWG, 2 conductor
Programmable Outputs:	4 Form C relays, SPDT 2A @ 30VDC, dry contacts 4 Electronic drivers, 12VDC max, 100mA
Output mode:	Programmable Fail Safe/Fail Secure

FCC CE UL Listed

INDALA

MIFARE

iCLASS

HID

VGuard

BIOMETRIC

AWID

PROXIMITY

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ALARM BOSS

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