Intelligence in software

The Datalog 4 security management concept is the latest software suite to evolve from over 10 years of installation and application experience.

One Routine for All Systems

Our concept reduces the complexity for operators responding to the wide range of different manufacturers control panels, often found in a control room or security gatehouse.

The system offers a single operating routine for ‘ACCEPT’ & ‘RESET’ for all systems under control.

Operators use a single screen to control multiple alarm input and output interaction, combined with audio and video verification.

User Systems Management

Datalog provides the user with a very easy to use graphics package to manage and monitor on site and offsite Building Fire & Security systems.

Colour graphics provide clear and concise location reporting, eliminating the need for extensive operator training.

The management system can be configured to automatically respond to events, even when the operator is away from the system.

Intelligence in software can be used to reduce the need for operator intervention as the system can be programmed to:-

- Display the event and location
- Call up cameras to monitors
- Start Pre & Post digital recording playback
- Page or Text remote signalling
- Switch Outputs & Sounders

Single or Dual Screen Operation

Datalog 4 is Windows 98/NT/2000/XP compatible and is easily configurable for either stand alone or multiple workstations on a network.

Datalog graphics offer a range of operator control capabilities including; mouse, keyboard, touch-screen, graphic tablet, remote control or by volt free contact change of state.

The system includes on-screen dynamic icons, making simple work of complex tasks.

Dual screen displays are available to combine graphics with text and panel emulation for larger systems.
**Alarm Display Management**

Navigation around the system is simplified by pointing or clicking on the graphical display to zoom IN or OUT of a building, area or floor plan.

The system allows ‘USER’ setup and configuration of PORTALS which can be either outlined, shaded or invisible.

Clicking on the PORTAL can be configured to zoom IN and clicking outside the PORTAL can be set to take you back OUT of any map view.

**Simultaneous Alarms**

Datalog can handle simultaneous alarm events without the need for operator intervention. The system offers 256 levels of priority used for prioritising graphical displays, CCTV and other pre-determined events on alarm.

**Help Instructions on Alarm**

A USER configurable help instruction can be pre-configured for all alarms, with alarm specific event instructions displayed for the alarm in focus. Help files can be edited and saved in either a TXT or RTF format.

---

**Graphical Displays**

Under normal non-alarm operation the main screen can be used to display either; the main site plan or a zoomed view of a more detailed building or floor plan.

**Zoom 1 - Activation**

On alarm activation the graphical display will automatically zoom to layer 1, to detail the building or floor plan and display the alarm icon(s) activated.

**Zoom 2 - Detailed View**

On ‘ACCEPT’ or if two or more simultaneous alarms are activated, a second zoom layer can be used to display the alarms on a more detailed plan.
Intelligence in Software

Datalog security management software includes a comprehensive range of database reports. Reports can be printed to screen, printer or exported.

False Alarm Management

The Datalog Concept provides users with password privilege, a range of reports that can be quickly searched through the system database.

Comprehensive reports can be generated either in list or graphical format.

Reports include an alarm event analysis which can be either manually or automatically generated. Alarm analysis will search, correlate and collate information, to produce quick view graphs to identify trends and patterns.

Alarm Analysis Reporting

Reports can be automatically generated and emailed at the end of day or month.

Virtual Walk Testing

Virtual walk testing will radically improve the integrity of any alarm system. The software can continually check the status for all alarms monitored by the security management system.

A pre-alarm warning display is provided for all devices that have not changed state for a given time period. A further alarm can be generated once a day every day, if a change in state has not been detected after a grace period.

Virtual walk testing will help prevent circuits that have been by-passed, linked out, failed secure or have not been regularly tested.

Guard Tour Software

Guard tour software can be incorporated using any alarm monitoring input connected to the Datalog system as a ‘Tour Point’. Devices are secured and inhibited on route as the tour progresses, enabling a single person to patrol in safety and still monitor a secure site.

Sequential alarm monitoring software provides the capability to manage more effectively alarms from different sources.

The software provides the capability to create ‘AND’ and ‘OR’ relationships between different systems and detection types, combining them to provide a more effective system that is resilient to false alarms.

Features include; automatic time zones for enabling individual or groups of detectors. Configured to chime only, switch cameras, enhance recording control and pre-alarm a warning, rather than create the unnecessary false alarm that will undermine the system.
System Integration
Datalog offers a range of active on-screen ICONS for: CCTV camera selection, display, PTZ control, access control, alarm output switching, panel emulation and custom events.

Closed Circuit Television System
CCTV camera matrix controllers can be combined to be operated from graphics screens. On-screen camera ICONS can be configured to operate different systems seamlessly. Alarm events can be configured to switch cameras & presets across different manufacturers systems.

Alarm and Output Control
On screen ICONS can be configured to manually pulse or switch output relays/access doors/barriers/bollards/controls.

On Screen Window Control
Panel emulation and custom window forms can be incorporated to provide the user with unlimited on-screen controls.

Software Integration
Different manufacturers systems can be connected together by a combination of RS232, RS485, modems, dialup or networked over a LAN or WAN.

Once connected panels appear transparent and act as one integrated system, offering a range of cause and effect permutations for detection and verification of events.

On Screen Control
CCTV display with live on screen video provides the user with either touch or point and click camera selection and PTZ control.

Intruder Alarm - Panel Interface
Datalog offers the capacity to connect to a range of multiple intruder control panels. Panels set by RKP can be synchronised with central control for Area SET and UNSET.
Choose Datalog 4 SMS for integrated security management systems with critical performance applications requiring an extensive range of features & system functionality.

Minimum Specification: Intel Pentium 1000 MHz PC, 17" CRT Monitor, 10GB Hard Disk, 128Mb Ram, 3.5inch 1.4M FDD, 40+ Speed CD ROM, Windows 98, 16bit Windows P&P Audio Card, Speakers, 102 keys (UK layout) keyboard, 2 x 16550 serial ports, 1 parallel port.

Datalog is supported by a network of International system suppliers.

Software can be remotely supported. Requires installation of modem, modem software and use of a suitable telephone line.

Choose Datalog 4 lite for applications where the need for a graphical user interface does not require an extensive range of features and integration capabilities for the lower budget applications.

Datalog 4 supports an ever increasing range of different manufacturers control equipment, with an ongoing commitment to developing software for:-

- Intruder Control Panels
- Perimeter Fence Detection
- CCTV Matrix, Switchers, Multiplexers, Digital Recorders, Remote Site Monitoring
- Access Control
- Fire Detection
- Radio Paging
- Asset Tagging
- Intercom
- Building Monitoring
- Staff Safety Systems

INTEGRA FIRE & SECURITY
UNIT G4
MOOR LANE BUSINESS CENTRE
WIDNES
WA8 7AQ
TEL:0151 424 4141
WWW.INTEGRA-SYSTEMS.CO.UK