



VARANUS

Securisense

Alarm Monitoring Software
for Alarm Receiving Centres (ARC)

Receive alarms and events from variety of alarm receivers
using different data paths

Open / Reliable / Scalable / Efficient / Advanced / Customizable



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Varanus Securisense

Alarm Monitoring Software for Alarm Receiving Centres (ARC)

Overview

Varanus Securisense software package, is a professional product used in Alarm Receiving Centres (ARC) for alarm and situation management. It is based on Windows platform, using most advanced programic principles.

Based on open source database – MySQL, the implementation costs are drastically reduced. The principles used, covers database redundancy, automatic data replication and automatic fail-over in case of database failure; so providing all needed features to avoid data loss.

Software package includes separate applications; Securisense Monitor, Securisense Administrator, Securisense Reporting, Securisense Display and Securisense GIS.

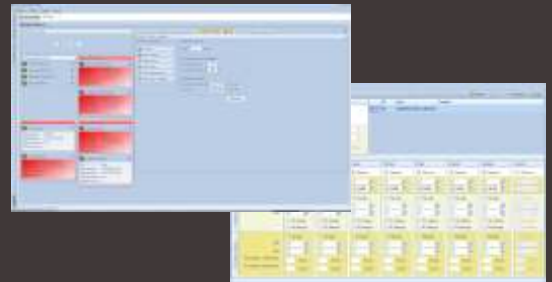
Securisense alarm management software can receive alarms and events from alarm receiver using different data paths (Contact id, IP, Infranet, etc.)

Securisense Administrator

The application is used by system administrators to manage data for secured sites, to check system components, to define alarm procedures in case specific alarm occurs, and much more.

Administrator features are:

- * Secured sites preview
- * User handling
- * User contacts handling,
- * Site data administration
- * Site contact administration
- * Site partitions and zones administrations,
- * Site users management
- * Site media files administration (site ground plans, etc.)
- * Site attributes administration (Line test interval, Servis data entry, etc.)
- * Alarm notifications (Notifications on "No line test", "No switch on"
- * "No switch off", "To late/Early switch on/off", etc.)
- * The notifications can be delivered using SMS or Email
- * Advanced scheduling for user notifications can be used
- * Simple messaging, to communicate by system administrator and operator is implemented
- * Each site can receive events using different protocols (Contact ID, IP protocol, etc.)
- * Complex timetables, for each particular day of week, holidays and weekends can be set for
- * each site
- * Different alarm procedures can be set for each particular event/message type
- * (fire, intrusion, panic, 220V loss, etc.)



Securisense Display

The application is used for preview of live video, from web cameras or cameras attached to standalone / network video recorders like Geovision, Mirasys, Geutebrueck, GVD, etc. In connection with Securisense Monitor, alarms received and displayed on Securisense Monitor can trigger automatic display of live video, from defined cameras or to open specific predefined scene (group of cameras).



Securisense GIS (Geographic Information System)

Using Securisense GIS, the operator can exactly see the location of alarms, the location of interventions cars and persons, cameras and other objects defined in the system.



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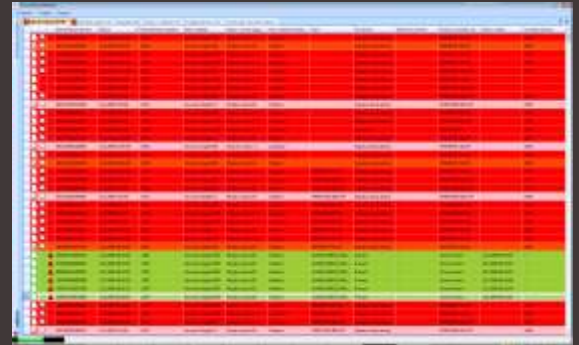
Securisense Monitor

The application is used by operators, to manage all alarms and events received from secured sites. It is the main software component of the monitoring centre.

- * Different alarm states are presented with different colors, alarm status is also presented with different icons. Alarms are automatically sorted by alarm priority and generation time.

- * Double click or choosing keypad shortcut opens an alarm procedure form for selected alarm. In case alarm with higher priority exists, operator receives notification, those providing operator the opportunities to select alarm with highest priority or the oldest alarm in the alarm grid.

Alarm procedure form, provides the operator TOTAL control over alarm data, site users, ground plans, site comments, partitions, zones, etc. The procedure prevents operator alarm handling failures, as the operator steps are controlled by the system.



Alarms can be grouped in alarm chains, so providing operator possibilities to handle more alarms at once. The alarm grouping/association is triggered by the system automatically or manual by the operator.

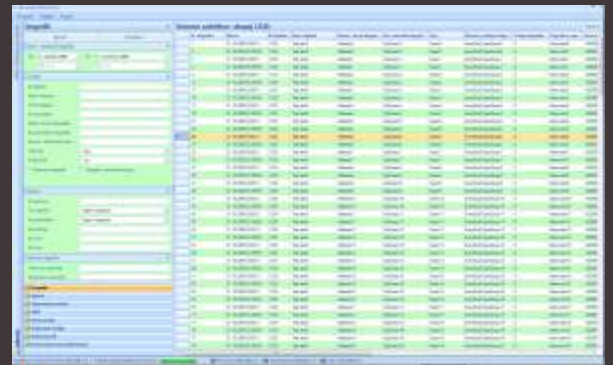
False alarm can be eliminated and later presented to the customer due advanced reports, presented later in the document.

- * Different tabs are used to separate site/location alarms from system alarms.
- * Alarms already handled by operator are presented in separate tab, those avoiding data overhead for the operator
- * All received events/messages are sorted in different tabs; so enabling quick preview and event filtering (Line test failures, arm/disarm events, system events, system failures, site failures, resets, etc.)

Securisense Reporting

Advanced reports can be generated using detailed filters; PDF or Excel format is used for report generation. Reporting application provides users possibilities to get information on:

- * Event reports
- * Alarm reports with events that triggered/resets alarms
- * System protocol report (each data manipulation in the system is stored in the database and can be used later in case system abuse)
- * Messages sent reports (SMS and E-mails)
- * Intervention reports can be generated for each particular location or locations match specific filter
- * All operator actions by alarm handling are stored and later used to estimate operator work quality
- * Each report generated; is stored and accessed later for quick preview
- * Site/locations comments entered by administrators or operators can be viewed later on



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