

# MCG 9600

## Modern Control System



# Alarm Monitoring Software



### Features

- \* Internal GSM/GPRS Modem with high power, working in low coverage areas.
- \* Ease of interfacing capability with other equipment and devices as it supports different interface protocols.
- \* Could be used for both real-time monitoring and data logging.
- \* Reduce maintenance costs through Remote Diagnostics.
- \* 16 configurable digital I/O.
- \* Easy to configure to support telemetry specific software functions.
- \* Low power requirements. It is provided with a battery or solar power cells.
- \* Immunity to different weather states.
- \* Single box designed for easy installation, low weight and small size.
- \* - Operating temp. range -20 to + 55 C
- Storage temperature -35 to +85 C



- Stores all the received alarms in a database for further reporting and analysis.
- Sound and Visual Notification for each alarm.
- Detailed information about each alarm , for example ( why this alarm was raised and how to handle this alarm )
- Detailed information about the unit.
- Reporting Features :
  - \* Unit Information
  - \* Alarm Information
  - \* Date and Time
  - \* User Action
- Automatic User Assistance
  - \* Provides information about how to response to an alarm, what actions should the user take to handle the situation.
- Scalable and flexible software designed from that beginning to be customizable for many applications.
- Configurable alarm's responses.
- Can monitor/control more than one unit/site with no limits on their count.
- Customization is available upon request.
- Supports several types of alarms.
- Different graphical representation for each alarm.
- Ability to add/remove any number of units.
- Generate reports with details about all alarms.
- Ability to add pictures, or any other useful information for units under monitoring.

**MCG 9600** is a GSM/GPRS Alarm monitoring system designed for remote monitoring applications and public safety. The Flexibility of MCG 9600 allows working with a wide variety of fixed data applications and devices like 'dumb' meters, control systems for energy distribution, water and waste water, semi-intelligent traffic signs, time clocks, intelligent RTU's and computers

### Operation

**MCG 9600** monitors its digital inputs for event occurrence then it transmits a data packet containing information to the base station over GSM, the control unit and the monitoring software in the base station analyzes that information then it takes the appropriate action.

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