MIRION
TECHNOLOGIES

MASS2
Maintenance and Set-up Software

The MASS2 software is a powerful tool to set-up, configure and verify monitors belonging to the RAMSYS product line. It capitalizes each feature of the system and offers many functionalities to aid exploitation of the full capabilities of each monitor.

The MASS2 functionalities were developed based on ten years experience with the RAMSYS system.

APPLICATIONS

- Barrier leak control
- Effluent release monitoring
- Radioprotection of workers
- Operational process monitoring
- Post-accident operations

FEATURES

- User friendly and ergonomic Microsoft Windows® based interface
- Display network of connected RAMSYS monitors
- Right-click instant access to the monitor configuration screens
- Communication through standard RS232 or RS485 serial link
- Integration on the site Ethernet network
- Password protection (multi level)
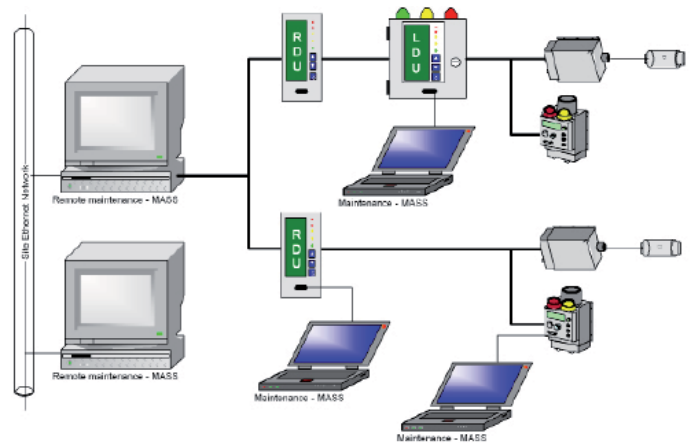
radiation monitoring systems
A Mirion Technologies Division

Featuring:

MGP
INSTRUMENTS

STANDARD FUNCTIONS

- Display graphically the network of monitors using one of the selectable modes:
  ○ Topology
  ○ Associations between display and processing monitors
  ○ List
- Display measurements and statuses with dedicated colors for each state
- Display event summary of the monitor
- Display measurement historical trends
- Set network management (local host or site network)
- Log file management

- Through pull-down menus and a variety of pre-designed dedicated screens:
  ○ Set operational parameters (alarm thresholds, analog outputs, analog inputs…)
  ○ Set system parameters (network address, algorithm configuration…)
  ○ Easy upgrade of the monitor firmware and set of parameters
- For each configuration screen:
  ○ Verify parameter validities automatically before writing on the monitor
  ○ Secure access and reload the parameters
  ○ Compare visually saved parameters with the monitor current ones

SECURITY

MASS2 manages four user access levels and allows to create user accounts. High level users may define the visibility access level of each functionality. High level users may also personalize configuration screens by defining read and write access levels for each set of parameters.

COMPLEMENTARY FUNCTIONS

For each monitor with spectroscopy features, MASS2 allows to launch the SAMS dedicated software to acquire, visualize and manipulate spectra. MASS2 is multilingual and facilitates addition of new languages by managing easily translatable ASCII text files.

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