MIRION
TECHNOLOGIES

Radiation. **Safety.**

CeMoSys™

Central Monitoring System

Nuclear Power

Homeland Security & Defense

Industrial and Manufacturing

Healthcare

Labs and Education

OVERVIEW

Wherever it is vital to monitor and keep track of any radiological contaminations, a central management software is essential. As additional quantities and wide varieties of Mirion contamination monitors are implemented at nuclear or industrial facilities, or even public venues, there is an increased need for radiation protection personnel to collect and track associated data, plus being informed instantly in case of an alert.

CeMoSys™ can handle as many contamination and clearance monitors as necessary - simultaneously from any networked office PC in real time. However, a single licence might come in handy for monitoring a single remote device, eg on a scrapyard.

CeMoSys™ Centralized Monitor Management Software provides a comprehensive and convenient platform for the management and supervision of Mirion contamination and clearance monitors.

KEY FEATURES

- Contamination/clearance monitor status customized overview tailored to site and needs
- Detailed measurement results on remote desktops
- Instant alarm information visible/audible
- Management of system check protocols
- Overview of current measurement parameters
- SQL database back-up for all records above
- Filter and export of all records above
- Graphical user web interface

Health Physics

www.mirion.com

FUNCTIONALITY

A customized floorplan (fig. 1) gives an overview of all devices connected and their current status. Measurement results (fig. 2), status and status history (ready to measure, service mode, online, offline, etc) of individual monitors, and system check data will be collected and stored on the CeMoSys™ database. For monitors supplied with cameras, pictures of the measurement can be displayed and stored. Monitor specific measurement results are provided in great detail (fig. 3). All records can be filtered to gain a better overview.

Monitors equipped with system check software will transfer their data to CeMoSys™, to be monitored centrally and being stored on the database server.

In case of important events users will be informed instantly by a pop-up window and/or sounds. To respond to events efficiently, user and associated event can be pre-defined.

CONFIGURATIONS

- CeMoSys™ Single licence: connecting one monitor
- CeMoSys™ Family licence: connecting up to 10 monitors
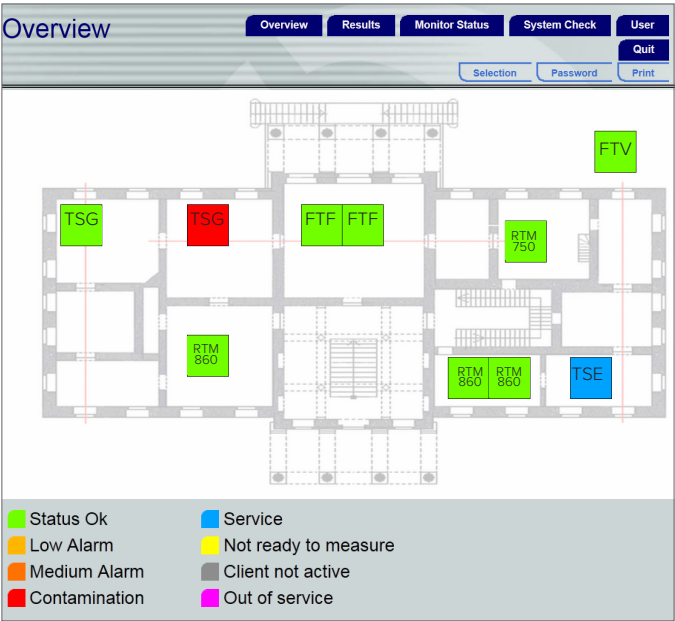- CeMoSys™ Professional licence: connecting an unlimited number of monitors
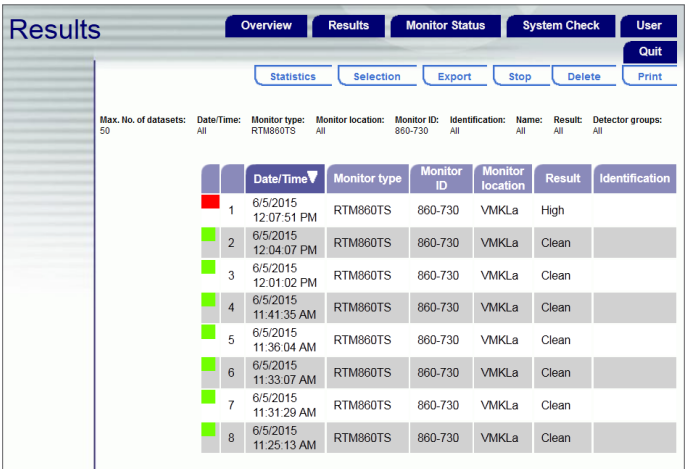

Fig. 1 Floorplan
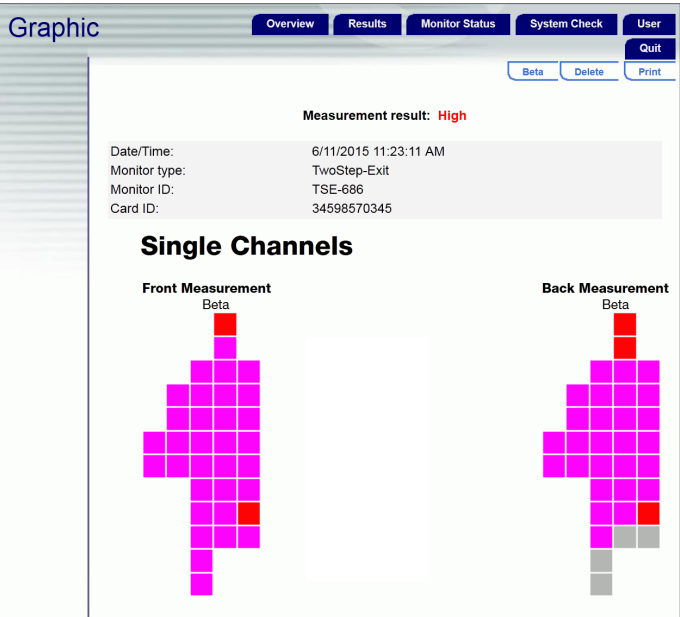

Fig. 2 Measurement Results Overview

Fig. 3 Measurement Result Single Channels

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