

RMS Telemetry Software

The Westinghouse Solution

Our telemetry monitoring software package provides an easy to use, reliable, comprehensive monitoring solution for radiological safety monitoring activities. The program suite includes system administrative features for configuration and setup in addition to telemetry viewing program - RMS Table. With its latest Java Platform release, RMS is compatible with Microsoft's current line of operating systems. RMS maintains the same application interface allowing existing RMS users immediate familiarity. New users are easily trained in a 2-hour session.

Access Control System Interface

Our remote monitoring software package interfaces with all access control systems such as REMS, HIS20 and Sentinel. The interface queries the access control database for the information related to the transmitting electronic dosimeter number so that the name, location, dose limited, rate limit and RWP are populated in RMS.

- **Remote Alarm Display** – Remotely monitors the alarm status of Tool and Portal Monitors, HEPA units for high flow, low flow or loss of power.
- **Telemetry Mobile App** – Allows the user to view telemetry data on Android™, Windows™, or iOS™ handheld devices.
- **Video Overlay** – Writes dosimetric data to live video stream in Genetec™ and Milestone™.
- **Audible Notifications** – Alerts workers with audible dose rates and alarms via VCOM™ software.

RMS Table Java Application

| Dosimeter | Name | RWP | Status | Rate | RateLim | MaxRate | Dose | DoseLim | Stay Time | Rates | SampTime | Port |
|-----------|-----------------|-------|--------|------|---------|---------|------|---------|-----------|-------|----------|---------|
| A2E2E3 | Dewey Skarveles | RWP18 | NOR | 50 | 100000 | 137 | 0.93 | 100000 | | | 11:48:09 | Sim DMC |
| A2E2E4 | Jeff Sewter | RWP32 | NOR | 62 | 100000 | 137 | 0.93 | 100000 | | | 11:48:09 | Sim DMC |
| A2E2E5 | Tunk Elliot | RWP5 | NOR | 9 | | | | | | | | |
| A2E2E6 | Gerry Downs | RWP13 | NOR | 9 | | | | | | | | |
| A2E2E7 | Joan Flahardy | RWP29 | NOR | 4 | | | | | | | | |
| A2E2E8 | O. Priore | RWP30 | NOR | 12 | | | | | | | | |
| A2E2E9 | Randy Myers | RWP33 | NOR | 7 | | | | | | | | |
| A2E2EA | Corporate Kania | RWP37 | NOR | 2 | | | | | | | | |
| A2E2EB | Diana Richmond | RWP7 | NOR | 2 | | | | | | | | |
| A2E2EC | Louis Anyone | RWP15 | NOR | 8 | | | | | | | | |
| A2E2ED | Rob Byrne | RWP34 | NOR | 61 | | | | | | | | |
| A2E2EE | Thomas Kelly | RWP13 | NOR | 9 | | | | | | | | |
| A2E2EF | Scott Trallo | RWP16 | NOR | 13 | | | | | | | | |
| A2E2F0 | Jay Irving | RWP8 | NOR | 20 | | | | | | | | |

VMS IP Overlay Functionality

To add IP Overlay Right Click Dosimeter from Table and select Edit Dosimeter

The IP overlay Field can be populated with the IP Address of the Camera you want the Dosimetric Data To Appear On
T1:192.168.1.249

Icon displayed in table next to Dosimeter indicates that the Dosimeter has IP Overlay

The Dosimetric Data will appear on the Live Video Feed within the VMS And can be recorded and viewed in real time

Automated Monitoring

Iris Data Engine Update

RMS utilizes an updated Iris Data Engine with the following benefits:

- Applications are fully encrypted using HTTPS protocol
- Utilizes new performance database format to process code faster
- Support Windows Server 2025, 2022, 2019, 2016, 2012R2, 2012 and Windows OS 8, 10, 11
- Increased database size up to 4TB or combine up to 8 separate databases up to 32TB
- Supports shadow servers, mirroring and can join servers in clusters
- Web Services and Internal XML support

Software Features

- **System Administration** – The program suite includes Setup, Table Edit, Colors, Log File Report, Worker Database, HTML, and Certificate Management
- **Tool and Portal Monitors** – Remotely monitor the alarm status of tool and portal monitors using RMS Events Application
- **HEPA Units** – Remotely monitor the status of HEPA units (low flow, high flow, loss of power, etc.)
- **HTML Output** – Create up to 99 HTML pages for your Intranet RAD Pro web page. Allows other departments to easily view area monitors, air activity monitors, or just to monitor their own department's work activities
- **OSI PI Integration** – Output data to OSI PI plant process monitoring systems
- **Continuous Air Monitors** – Reads and displays data from Continuous Air Monitors (CAM) such as AMS4, Bladewerx, Mirion, 3M, etc.
- **Heat Stress Monitors** – Reads and displays data from Heat Stress Monitors (e.g. Q-Box).