

# Monitoring Release Note



# ELLAB Monitoring Solutions

**EMSuite Version: 1.5.0**

**Status: Released**

**Date: 24Apr2025**

## **EMSuite 1.5.0 - New and improved features:**

**New Ellab Logo:** Implemented throughout software

### **Advanced cleanroom capabilities**

- New: Particle counter integration. Connect to particle counters equipped with generic Modbus / TCP-IP outputs utilizing approved communication protocols. \*
  - \*Requires Ellab Connect
  - Up to 4 channels per particle counter can be utilized
  - Particle counter readings will be available in EMSuite V1.5.0. Setting alarms from those particle counter readings will be available in V1.5.1.
- New: Cleanroom report. Designed to provide information in alignment with requirements found within ISO 14644.

### **Ellab Connect (formerly Ellab Communication Hub):**

- New: Added generic Modbus TCP-IP protocol to connect to commercial devices. E.g., particle counters.

### **Calibration:**

- New: Capability of user calibration of 3-wire PT100 Ellab SMART sensor

### **Control Center**

- **System Settings:**
  - Units and Resolution:
    - Improved: Added ability to manually add and remove new measuring types and units.
    - Improved: Ability to edit custom measurement types and units
    - New: Airflow added as unit of measure with M<sup>3</sup>/s (Cubic Meters per Second) and CFM (Cubic Feet per Minute)
  - Notification:
    - System Notification:
      - New: Max SMS / Voice count per month has been reached.
- **Users and Roles:**
  - Roles: Improved
    - New option for 'Elevated report access', which allows users with limited viewing privileges to be able to create reports including areas outside of their viewing privileges.
  - Users: Improved
    - Numerical separators will be aligned with the personal language selected by the user

- **Hardware**
  - **Custom Channels**
    - Improved:
      - General workflow improvements
      - Relocated Custom Channels to the Channel Configuration area.
      - Ability to create customer channel templates
      - Custom channels now to leverage standard measuring types and units from the System Settings area. This will harmonize the measuring types and units throughout EMSuite.
  - **Transmitters**
    - **PoE Transmitters**
      - Improved: Ability to update PoE Transmitter firmware via EMSuite
  - **New: Particle Counter Connectivity\***
    - Particle Counter tab has been added to the Hardware area.
    - \*Requires Ellab Connect to utilize particle counters with EMSuite
- **Alarm Settings**
  - Notifications
    - SMS / Voice
      - New: Max of 2,000 combined SMS/Voice messages per month per instance.

### **Firmware:**

- New: RF-DC transmitter to accept Ellab SMART CO2 sensor
- New: RF/RF-DC/PoE transmitters to accept Ellab SMART 3-wire PT-100 sensor

### **Hardware:**

- New: Ellab Smart USB with open terminal strip for 3-wire PT100 sensors

### **Mobile APP:**

- Improved: Now possible to access custom channels

### **TrackView Pro Customer Tool:**

- Improved: New firmware releases included
- Improved: Hidden ability to downgrade firmware

### **Manuals:**

- Updated: Software Manual
- Updated: Hardware Manual