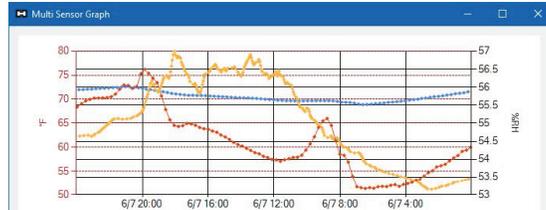
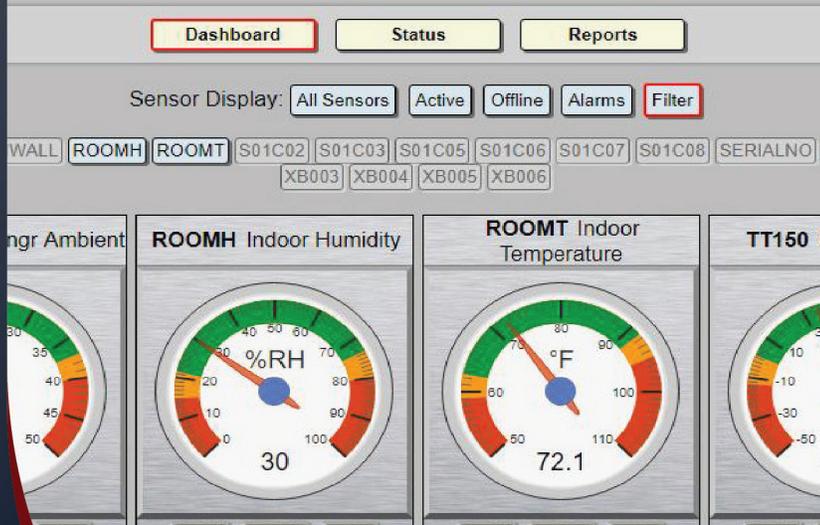


HAMPSHIRE



CONTROLS

*“Safeguarding
Your Precious
Biological
Materials”*



T° Sentry AMS Annual Support Package

PRODUCT DESCRIPTION:

The T° Sentry ALERT Monitoring System (AMS) is a feature rich, PC-based, SQL database logging and alarm notification program that interfaces to one or more Hampshire Controls' TT-150 & TT-200 Battery Operated Wi-Fi Temperature Transmitters and Alarms, MPS Multi-Probe Monitor/Alarms, or Model 140 Single Probe Temperature Monitor/Alarms. Utilizing the full range of its AMS-compatible sensors, Hampshire Controls can configure a custom ALERT Monitoring System that can log data from any probe sensing a physical parameter that outputs current or voltage including temperature, humidity, [CO₂], pressure, air flow, positional displacement, switch status, etc. Sensor data is stored to the SQL database at a programmable frequency.

The AMS is broadly customizable and expandable, and Hampshire Controls offers the AMS Annual Support Package at a fixed annual rate providing unlimited troubleshooting, updates, and support along with 40%-discounted pricing on both new and replacement AMS hardware including sensors, PCs, and other AMS-associated hardware.

Two examples illustrate the value of the AMS Annual Support Package: After 10 years of 24/7/365 service, the AMS PC malfunctioned at a food storage facility. Hampshire Controls programmed a replacement PC and seamlessly brought the AMS with all the original temperature sensors back online within a few days. At this time, the customer also took the opportunity to add temperature sensors for new storage freezers to the AMS. As an AMS Annual Support Package customer, Hampshire Controls provided the services at no charge and all the new hardware at >40% discounted pricing.

Custom programming can be provided to satisfy all data display and logging requirements.



AMS SUPPORT PACKAGE FEATURES

- Unlimited, on-demand remote optimization and troubleshooting of AMS features by Hampshire Controls' experts including data logging, sensor channel configuration and monitoring, data visualization, floor plans and sensor status display, email and SMS text notifications, reports, SQL database backup, signal processing, etc.
- Add new Hampshire Controls' TT-150, TT-200, Model 140, and MPS Multi-Probe temperature monitors and other sensors (RH%, [CO₂], etc.) at >40% discounted pricing
- Replace out-of-warranty malfunctioning sensors, PCs, and other AMS-associated hardware at >40%-discounted pricing
- Eligibility for free AMS software updates, repairs, and feature enhancements

AMS FEATURES:

- Data logging for temperature and other physical parameters (RH%, [CO₂], etc.), event logging, & alarm condition notifications
- Independent sensor channel configuration and monitoring
- Real-time data visualization in a variety of formats for single or multiple sensors
- Interactive floor plans showing sensor locations and real-time sensor status
- Email and/or SMS text messaging alerts for system startup, shutdown, power, login, communication failures, sensor alarm, and sensor power conditions
- Up to 20 contact groups, each with up to 20 email/SMS addresses, and the ability to schedule contact groups for different time periods and sensors
- Generation and distribution of reports at preferred frequencies with sensor readings, statistics, and logged sensor and system events

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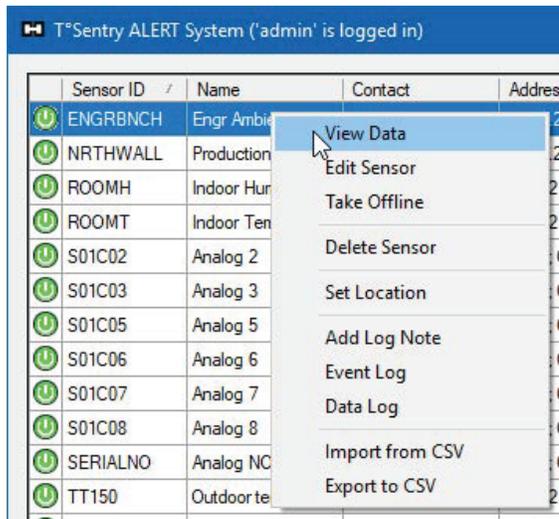
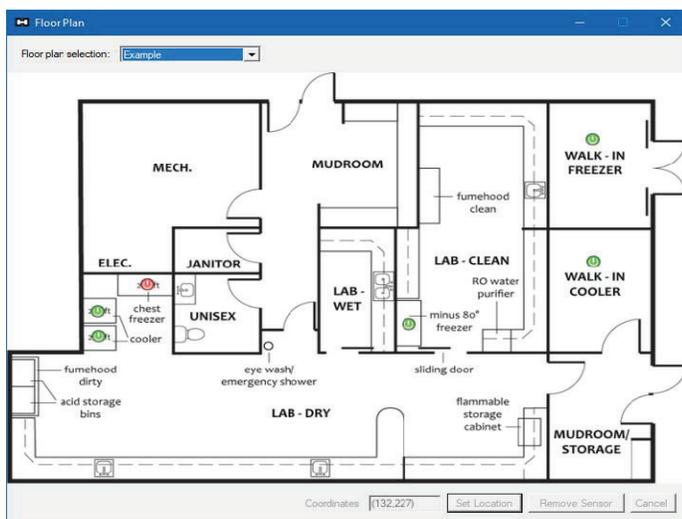


T° Sentry AMS Annual Support Package

Another example is a CRO that purchased the predecessor of the AMS with hundreds of individual temperature probes in the early 2000s. Hampshire Controls added backward compatibility for this vast sensor network into the ALERT Monitoring System. The backward compatibility allows the CRO to continue using legacy sensors, and when they want to expand the system or replace sensors, they can utilize Hampshire Controls' current AMS-compatible sensors. As a perennial AMS Annual Support Package customer, Hampshire Controls has updated the system several times over the years. All the services were provided at no additional cost and any new hardware at >40%-discounted pricing.

The AMS provides intuitive, yet powerful, tools for network configuration, setting administrator and user login credentials; generating floor plans with icons depicting sensor locations and status; customizing sensor interface parameters including unit ID, sensor description, low and high alarm levels, alarm notification delays, logging frequency, email contact groups, and signal preprocessing including rate-of-change tolerance, signal averaging, offset, gain, and range validation; and formatting daily reports to include charts, statistical data, event logs, etc. The AMS Annual Support Package provides a simple, cost-effective mechanism to customize and support the T° Sentry ALERT Monitoring System for your critical data logging applications.

Hardware Requirements	
ALERT Monitoring System Computer	<ul style="list-style-type: none"> • Desktop, workstation, or server (recommended); laptop (specific applications) • Windows 10 64-bit or higher (installed on bare metal or VM) • AMD® or Intel® 64-bit dual-core processor (minimum) • 8GB RAM minimum (16GB recommended) • 250GB (or larger) HDD/SSD • Network interface: Wi-Fi (acceptable), Ethernet (recommended) • Connection to an Uninterruptible Power Supply (UPS) is highly recommended
Hampshire Controls Sensors	<ul style="list-style-type: none"> • T° Sentry TT-150/200 Wi-Fi Temperature Transmitter and Alarm • MPS Multi-Probe Monitor/Alarm with Ethernet • T° Sentry Model 140 Single Probe Temperature Monitor/Alarm with Ethernet
Network	<ul style="list-style-type: none"> • 2.4GHz Wi-Fi supporting IEEE 802.11b/g/n (T° Sentry TT-150/200) • 10/100 Base-T Ethernet (MPS & T° Sentry Model 140)



One-year warranty on all Hampshire Controls products.

About Us: Established in 1975, Hampshire Controls provides standard and custom-designed electronics to the biomedical and industrial markets. In addition to the T° Sentry ALERT Monitoring System, our product portfolio includes:

- T° Sentry Model 140 single probe temperature monitor/alarms
- TT-150/200 temperature & humidity Wi-Fi transmitters
- LD-215 Liquid Nitrogen Level Detector/Alarms
- Air Flow Monitors (50 to 2500 FPM)
- STEDIVOLT SV2005 Line Voltage Controls
- Customized OEM electronics design and manufacturing
- MPS Multi-Probe Monitor/Alarms
- CO₂, LN₂ CA5000 Freezer Backup Systems
- TC-25 & TC-25+ TEMPCKEck Rapid Response Thermometers
- ADM-215 Remote Alarm Delay Modules
- Customized monitoring, alarm notification, and logging

