

CENTRAL MONITORING SYSTEM



MODEL: MCS-CMS-L

APPLICATIONS

- Pharmaceutical Industry
- Pathology Laboratory
- Blood Bank
- Vaccine Center
- Cold storage
- Cold room
- Server Room Monitoring
- Industrial Application
- Building Management
- Clean room Process unit

FEATURES

- Fully automatic data logging over wireless network
- Continuous Monitoring / Controlling via dedicated software
- 24/7 Audio-Visual Alarming
- FDA 21 CFR - Part 11 Compliance
- Stand Alone PC Software for dedicated work
- Multi-Level user accounts with password protection
- Reporting with User friendly date interval functions
- Encrypted data storage to prevent data tempering
- Channel Support up to 100 channels

MCS strive to provide high quality care during processing or production a cost effective way. To monitor all process parameters from single place we provide CMS Solutions for different industries.

We is providing total solution from hardware devices to Software for standalone pc or Cloud based server. We have Various type of wired / wireless hardware which provides reliable communication to the system and give best data integrity.

24 x 7 monitoring of the process or product is key functionality of this system with wide alert functionality like real time audio/visual alerts, SMS alerts, mail alerts, call alerts.

CMS Integration for User

Network Over Wifi | Serial Port | Ethernet | Wireless (Radio Fz 433 Mhz)



HARDWARE SPECIFICATION:

- Central Data Logging System Comprises a CMS Software, User Interface Module & One or More 8 Channel Process Interface Modules.
- Universal Input for Each Channel : Thermocouple / RTD / mV / V / mA
- Hardware module have different variants of 4 / 8 / 16 / 24 / 32 Channel Sensor Interface Compatibility.
- Hardware transmits data through Modbus RTU or Modbus TCP/IP (optional) and transfer data into PC Software though USB Convertor. Direct Real time monitoring & data logging in Software.

SOFTWARE SPECIFICATION:**1. Online Monitoring**

- Live monitoring along with numerical & graphical options.
- All Channel display along with set value and alarm indication in numerical and with unique colour for each channel along with Separate channel selection in graphical.
- Audible & Visible alarm indication

2. Report Generation

- Numerical data Report-
Date wise Encrypted file will be generated automatically. Comment at the end of the report can be written.
- Graph Repot-
Continuous Graph Report can be generated directly from the software. All channel graph will have unique colour for identity.

3. Electronic Signature

- User Level & Password
- Each user has separate username & password.
- User name is selectable OR one can write Username
- Add, Delete, and Block, Unblock User by administrator level.
- Uniqueness of Username

4. Electronic Records

- Temper Proof & Secure data
- Data Portability -Import-Export to Pen Drive
- Exported Data is non editable & not viewed in other environment. To view the backup data, one should import it in the Computer Screen again.
- All such records are Electronic Record, which is stored in the Computer memory.
- Printable Electronic Record

5. Audit Trail

- Record Critical User Activity
- Each Entry has a stamp
- All Alarm activity stamp
- Record all User Login - Logout – password change activity



Audit Trail
Facility



Multi-Level
User Security



Temper proof
Data Log



Stand Alone
PC Software



Multiple Network Options
Ethernet | Serial | Wireless

**MULTITECH CONTROL SYSTEMS**

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