

EMC Station Manager®

CEM Data Logger – Data Acquisition System

Data Acquisition System (DAS) Continuous Emission Monitoring (CEM)



Station Manager CEM Data Logger PC



Allen-Bradley SLC-500 PLC
(or other PLCs & I/O Devices)

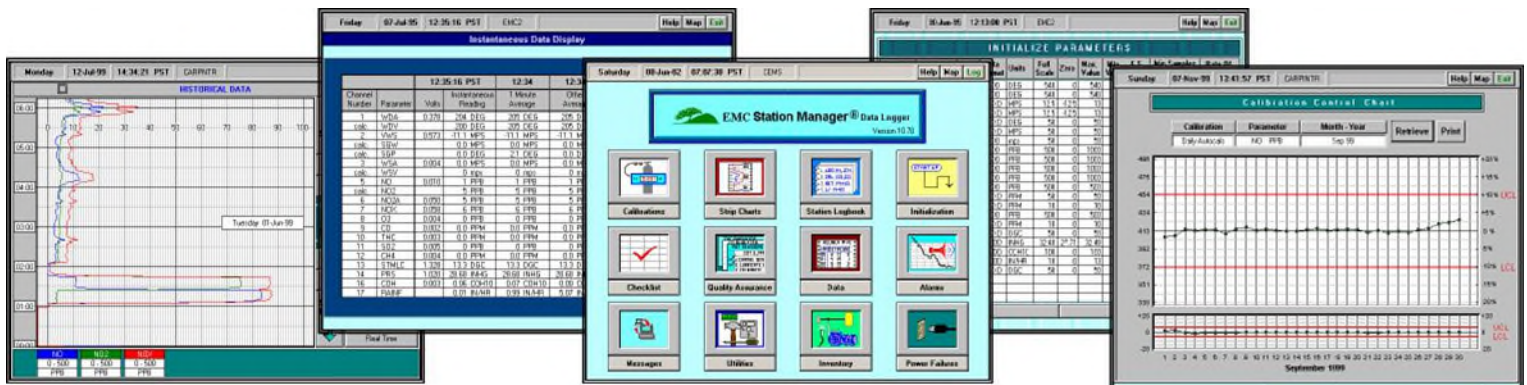
Key Features

- Integrated CEM Data Logger, Data Handling System, and Reporting System
- Intuitive User Interface
- Data Reporting - 40 CFR Part 60 and 40 CFR Part 75
- Allen-Bradley PLC, Automation Direct PLC, Modicon PLC, or Advantech SIU
- Modbus “Master” and “Slave” Interfaces to Plant DCS and SCADA Systems
- Data Inputs from Wonderware, Microsoft SQL Server, or Oracle databases
- Strip Charts and Trend Recording
- Timer – Controller Program
- Calibration Control – Logbook – Inventory – Alarms
- Data Export to Microsoft Excel Spreadsheets
- Microsoft Windows 2000
- Voice Alarm Message
- E-Mail Alarm and Report Program
- Real-Time Data Display

NEW □

NEW □

NEW □



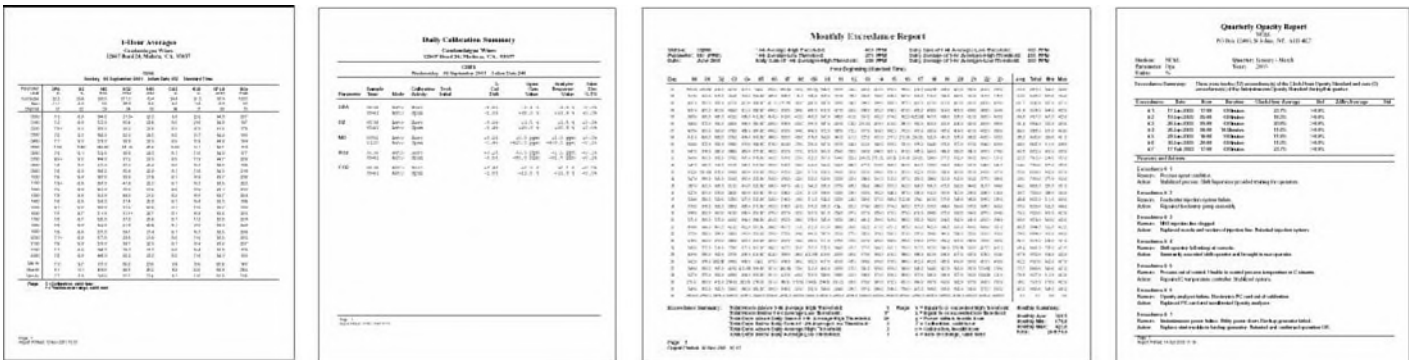
Integrated, distributed and supported by:
Indusmation LLC | Plano TX 75025 | info@indusmation.com | www.indusmation.com



Specifications

- **Station Manager PC:** Low Cost Dell, Gateway, IBM, or HP PC, or Industrial Rack-Mount PC.
- **PC Specifications:** 2.0 GHz Celeron, 128 MB RAM, 40 GB Drive, CD-ROM, 15" Monitor, Microsoft Windows 2000
- **Hardware I/O Devices:** PLCs, Advantech "ADAM" Signal Interface Units (SIUs), and Direct Serial Interface to Analyzers
- **PLCs Supported:** Allen-Bradley, Automation Direct, Modicon, and other PLCs
- **PLC Interface:** RS-232C and Ethernet (TCP-IP)
- **ADAM SIU Interface:** RS-232C, RS-485C, or Ethernet (TCP-IP)
- **ADAM 4-Slot SIU Dimensions:** 9.3" L x 4.3" W x 2.9" H (231mm x 110mm x 75mm), 1.7 lbs (3.7 kg)
- **ADAM 8-Slot SIU Dimensions:** 13.9" L x 4.3" W x 2.9" H (355mm x 110mm x 75mm), 2.6 lbs (5.7 kg)
- **Analyzer Interface:** Voltage, Current Loop, and RS-232C
- **Analog Signal Resolution:** 16-Bit Analog to Digital (A/D) Converter
- **Analog Inputs:** 8, 16, 24, or 32 Differential Analog Inputs (Voltage: 0-1, 0-5, 0-10 vdc Current: 0-20 ma or 4-20 ma)
- **Digital Inputs:** 8, 16, 24, or 32 Optically Isolated Digital Inputs
- **Relay Outputs:** 8, 16, 24, or 32 Relay Outputs

Call Factory For Further Information



CEM Data Reports



Hardware I/O Devices

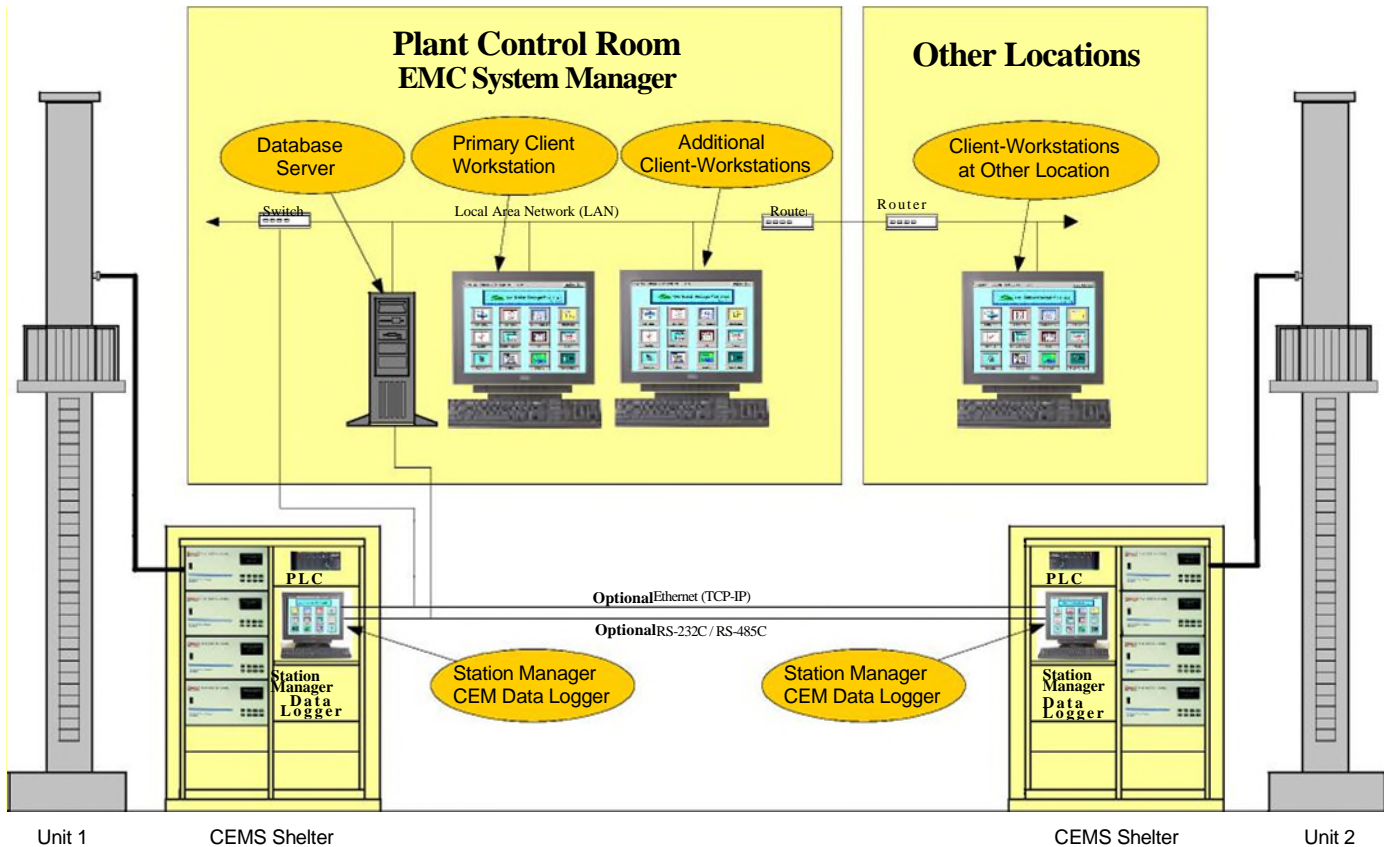
Station Manager and System Manger are registered trademarks of EMC. All products and company names are trademarks of their respective companies.



EMC System Manager[®]

CEMS Control Room System

CEMS Data Acquisition System (DAS) Central Display & Reporting System



Key Features

- System Manager is a Plant Control Room CEMS Display & Reporting System
- System Manager retrieves data from EMC Station Manager CEM data loggers
- Connects to data loggers through RS-232C/RS-485C, Ethernet (TCP-IP), or Radio Links
- Extensive selection of CEMS Compliance Reports and Data Reports
- Data Editor, Edit Trail Program, QA Programs, Alarms, & Trend Display
- CEMS data stored in a Microsoft SQL Server®, Access®, or Oracle® Database
- Operate Client-Workstations anywhere on the Plant LAN or WAN



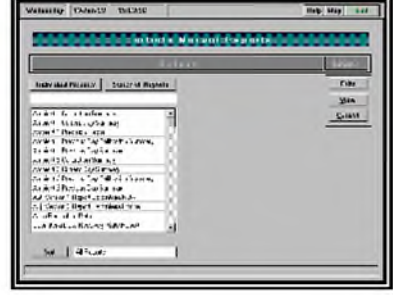
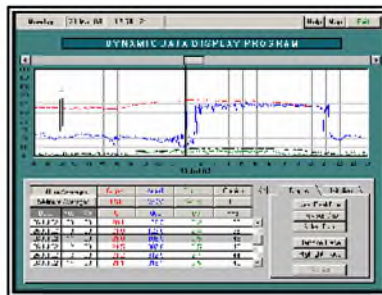


Specifications

- **Configuration:** System Manager operates on a Plant LAN, WAN, or a Stand-Alone PC
- **Client-Workstation PC:** Intel Pentium, 128-256 MB RAM, Windows 98, 2000, XP, 17-19" Monitor
- **Database Server:** Intel Pentium, 2 GHz, 512 MB RAM, 40-160 GB Hard Disk, Windows 2000/3
- **Printers:** Standard Windows Ink Jet or Laser Printers
- **Data Backup:** Standard Tape Backup Systems, CD-RW, or DVD
- **Database Programs:** Microsoft SQL Server 2000 or Oracle 8i, 9i
- **Windows Compatible Database:** Oracle 8i, 9i, Microsoft SQL Server 2000

System Manager Screen Displays

System Manager CEMS Reports



Call Factory For Further Information

Station Manager and System Manager are registered EMC trademarks. All products are trademarks of their respective companies

