

smot

Scalable Monitoring Archiving & Reporting Tool

FEATURES

- ONLINE MONITORING, DATA LOGGING AND REPORTING
- AUTO DISCOVERY OF MASIBUS DEVICES
- SUPPORTS THIRD PARTY MODBUS (RS485/ TCP-IP) DEVICES
- AUDIT TRIALS AND SIGNATURE MANIFESTATIONS
- REAL TIME TREND/ HISTORIC TREND DISPLAY
- AUTO TAG GENERATION OF MASIBUS DEVICES
- MULTIPLE PRE-BUILT REPORT OPTIONS
- TEMPER PROOF DATA MANAGEMENT

smot Software

Scalable Monitoring Archiving & Reporting Tool



Features

- Out-of-the-box application to quickly and easily acquire, view and logdata
- User friendly, fully configurable, highly scalable, no programming required
- Offline configure devices, channels, and acquisition options
- Multi-Port network interface and connectivity with multiple devices
- Real time data acquisition with configurable scan rate
- Backup and restore the network configuration and data
- Designed to streamline the process of downloading data and reviewing it in a user-friendly, time efficient manner
- Online view and print facilities of data and trends
- Wide variety of display screens for in-depth analysis
 - Tabular display
 - Trend display
 - o Bar graph
 - o Line graph
- Historical trend view and reporting facility
- Various pre-defined report templates
- User selectable export to .xls, .xlsx, .pdf, .csv, .txt and .ods file after data acquisition
- Five level user privileges for software accessibility: Administrator, Maintenance, Manager, Supervisor and Operator
- 4 level soft alarm management
- Free version available with limited no. of access points (006)
- The SMART licence is available for 064 to 512 points
- Maximum 30 devices per serial port node.
- Maximum 1 devices per TCP/IP node.

Applications

- Simple PC based data logging
- Process/ Electrical parameters reporting and monitoring
- Energy monitoring and reporting
- Production reporting
- Machine efficiency analysis (OEE and other parameters)
- Environmental data logging
- Machine condition monitoring

21 CFR Part 11 Compliance Features

- Audit trials
- Authorization and access control groups upto 5 level
- Electronic signature components and controls
- Protection and ready retrieval of records
- Access security features
- Temper proof data management

System Requirement

Hardware

Computer Processor: Pentium III / Celeron 866 MHz (or equivalent) or later (32-bit) recommended (Pentium 4M (or equivalent) or later (32-bit)) Pentium 4 G1 (or equivalent) or later (64-bit)

Memory: 1 GB RAM (recommended 2 GB) and 1.8GHz processor or better

Hard Disk: 5 GB of available hard disk space

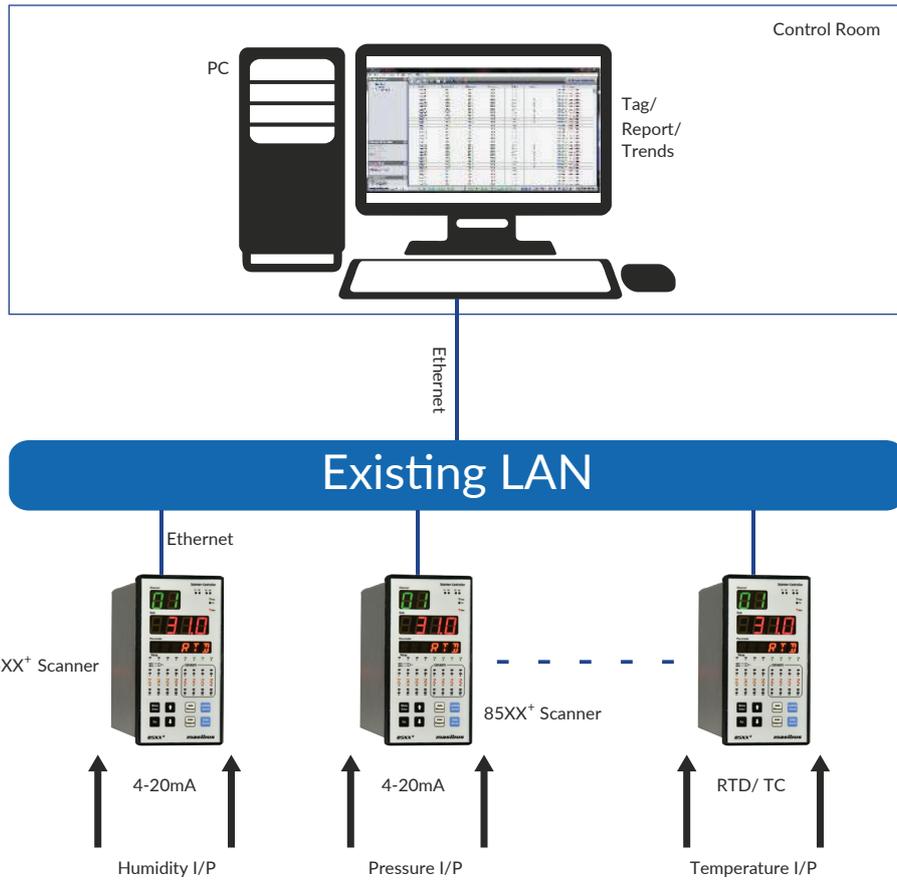
Screen Resolution: Resolution should be set at 1280 x 768 Pixels (recommended 1366 x 768)

Color Palette: Software contains 16-bit color graphics. It requires a minimum color palette setting of 16-bit color.

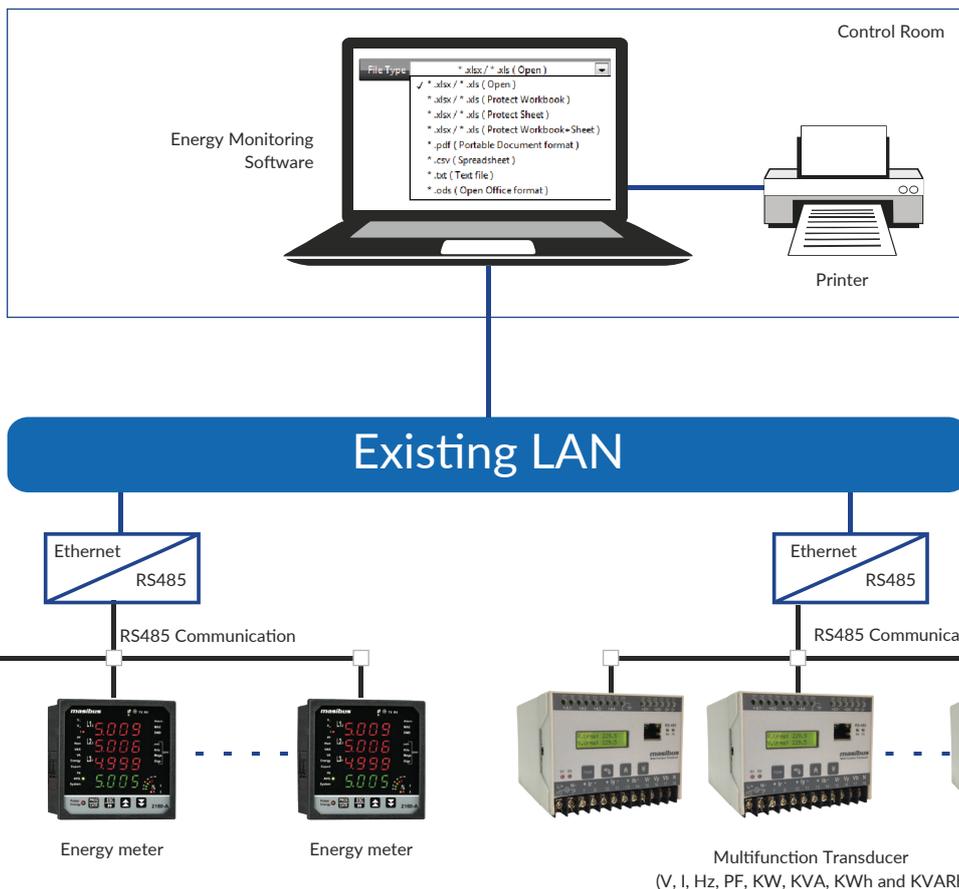
Software

Operating System: Windows 10/8.1*/7 SP1**
Windows server 2012 R2*
Windows server 2008 R2 Sp1**

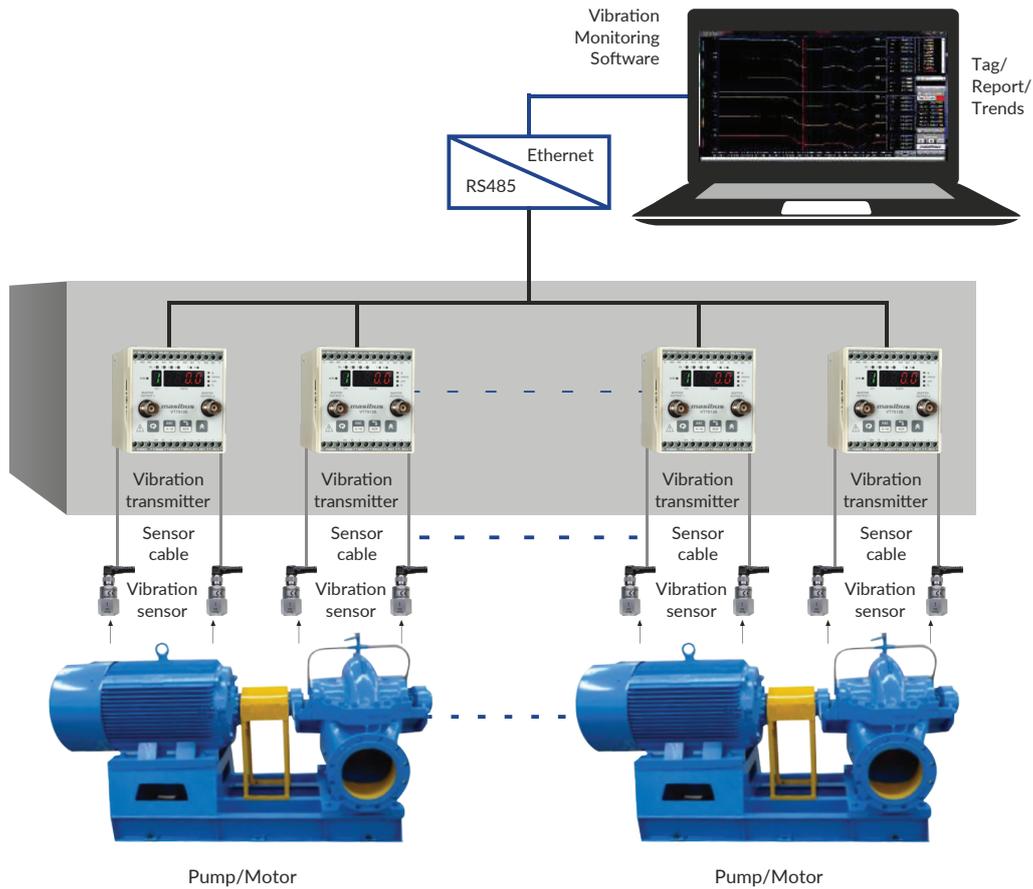
Additional Software Requirement: Acrobat reader 10 or higher version
Microsoft office 2016/2013/2010 2007/2003
Microsoft .NET framework 4.7.1 or higher version required
Microsoft visual C++ 2013 redistributable package
Microsoft visual C++ 2015(x86) redistributable package



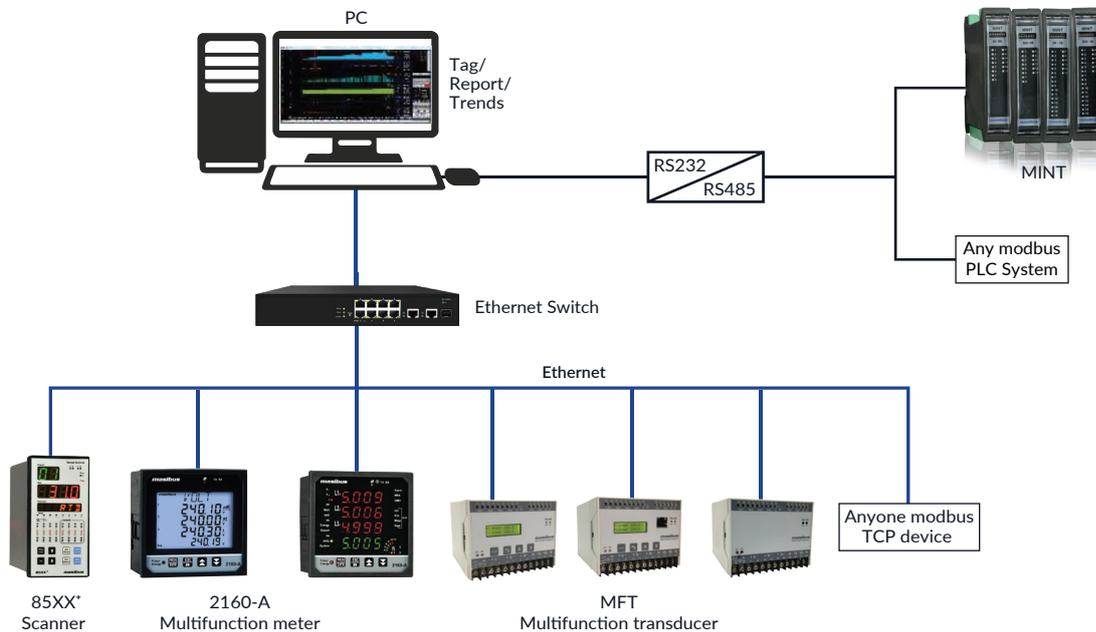
Energy Monitoring & Reporting



Vibration/ Machine Condition Monitoring



Data Monitoring & Logging



Ordering Code

Model	No of points	21 CFR compliance
SMART	XXX	X
	064	Y
	128	N
	256	Yes
	512	No