masibus
A Sonepar Company

Smart 2.0

Scalable | Monitoring | And | Reporting | Tool

SMART 2.0 is a web-based state of the art software developed by Masibus Automation to monitor and analyze your plant/industry data, the platform offers easy communcation of Masibus devices, 3rd party Modbus devices and allows the user to generate dashboards, alarms, trends and reports in line with your requirements. The key features of the platform are connectivity to all Masibus products seamlessly and also with 3rd party devices (Modbus, OPC DA/UA). And has a calculation engine, and a NO CODE dashboard builder to enable users to create their own dashboards.

Specifications

- Suitable for On-premises Server/PC and Virtual Machine
- Supports up to 25 dashboards
- Supports up to 50-tags per dashboard
- Connectivity to all Modbus devices
- 21-CFR Part-11 user management
- 5 Web View Clients

Features

- **Data Connector:** Modbus RTU, Modbus TCP/IP, OPC DA/UA
- **Masibus Device Templets:** All masibus devices connectivity (85XX+, MINT IO's, Bargraph, Controllers, Energy Meters, etc.)
- **3rd Party Devices:** Any device with Modbus RS-485/Modbus TCP-IP support
- **Server Compatibility:** On-Premises / VM
- **Data Monitoring:** Real time and Historical data monitoring
- **Dashboards Screens:** KPI dashboards: Tabular, Pie/Donut, Gauge, Line Chart, Bar Graph
- **Reports:** Daily, Weekly, Monthly, Yearly Reports
- **Alarms:** Alarm generation based on L/L-L/H/H-H set points
- **Trends:** Live & Historical trends
- **Email:** E-mail reporting and automatic scheduling
- **21-CFR Part-11 User Management:** Optional

Applications

- PC based data logging
- Process/ Electrical parameters reporting and monitoring
- Energy/ Utility monitoring and reporting
- Remote monitoring application
- Reporting Tool for existing 3rd party SCADA
- Machine efficiency analysis
- Environmental data logging
- Machine condition monitoring

Benefits

- Plug-and-play integration
- Web based monitoring
- No programming knowledge is needed
- Scalable platform
- Faster ROI

Hardware Requirment

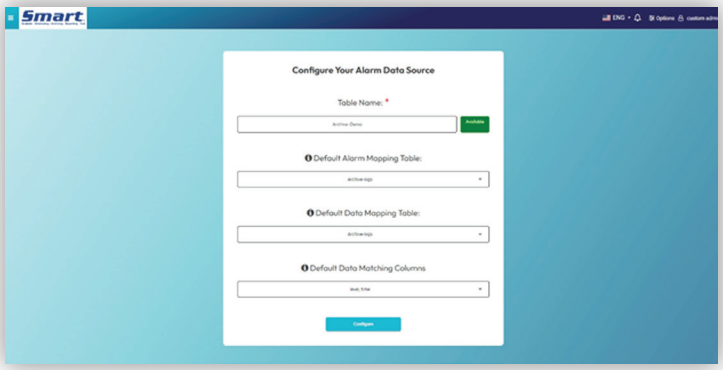
Tags	Processor	Cores	Clock Speed	RAM	SSD Storage	Data Storage Capacity
Up to 512 Tags	Intel i5/i7 or above	4 Cores	2.4 Ghz or above	16 GB* (Minimum)	500 GB or above	1-year #
512 to 1024 Tags	Intel i5/i7 or above	4 Cores	2.4 Ghz or above	32 GB* (Minimum)	500 GB or above	6-months #

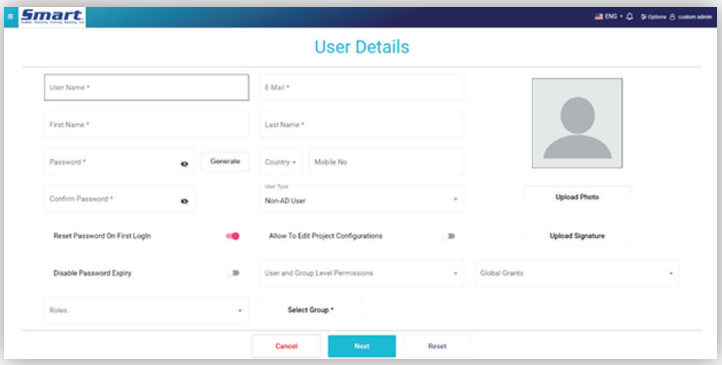
* 16-GB RAM is required for 10-dashboards and 30 tags per dashboard, Minimum resolution required in 1280*1024.

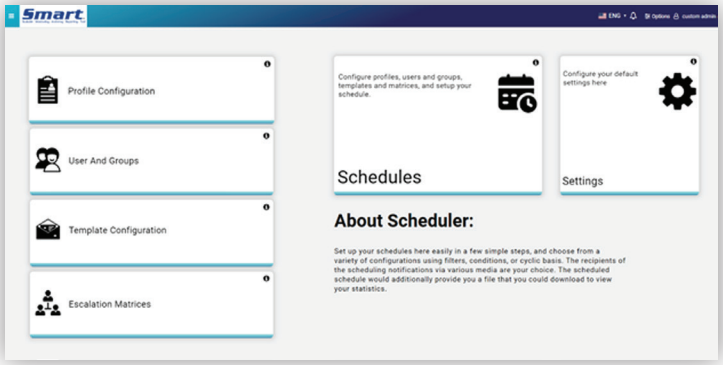
Data storage is based on the data capturing frequency 30-second or more.

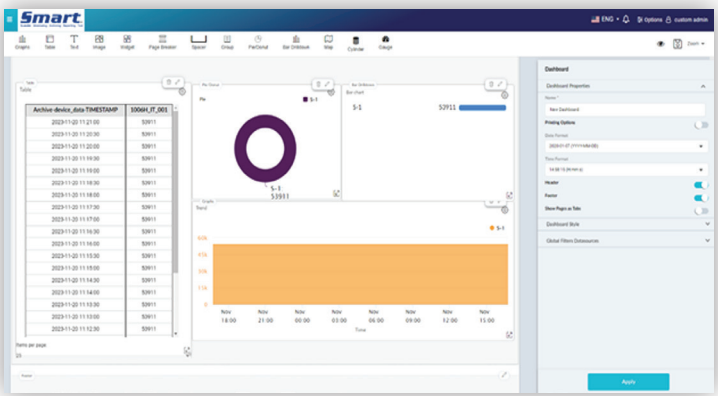
- **Windows Supported:** Windows 7 x64 version or above, Windows 8, Windows 10, Windows server 2008 R2 x64 version or above, windows server 2012 and above versions.

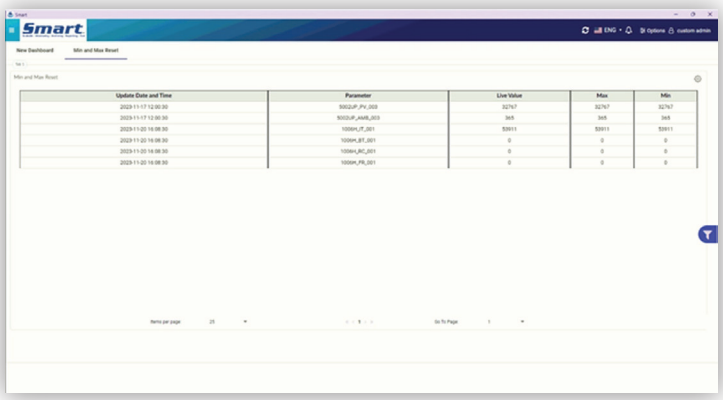
SMART Platform





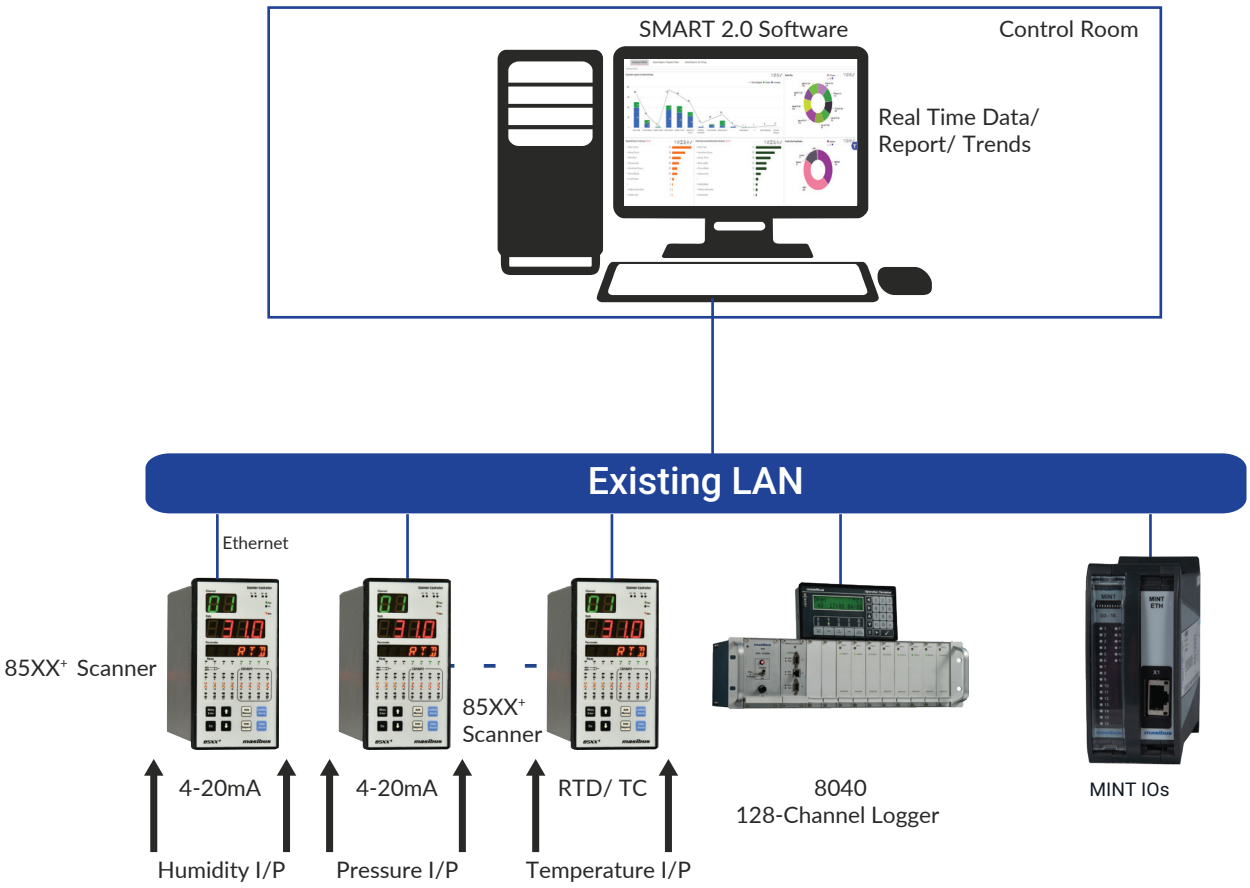




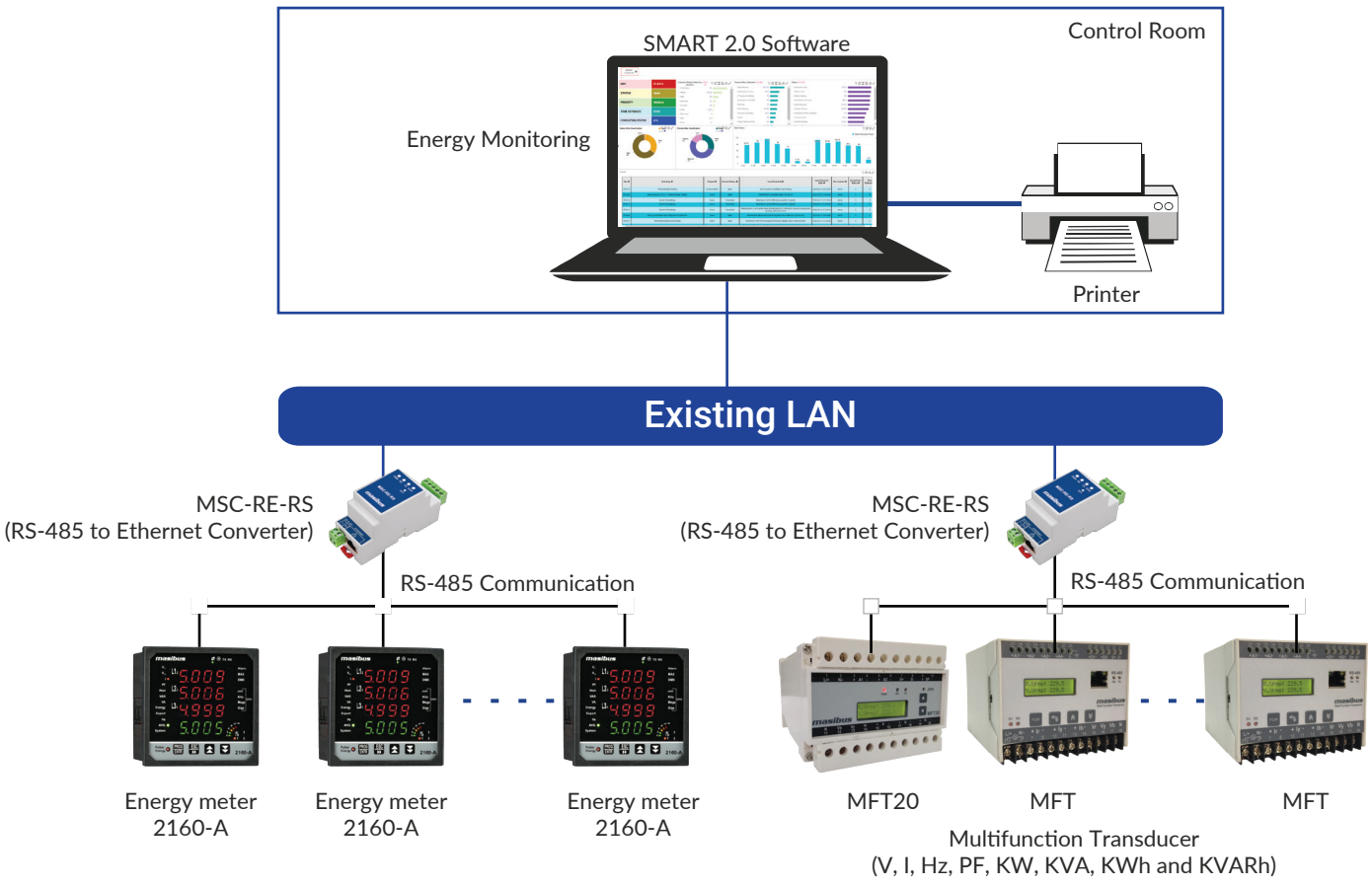


Software Applications

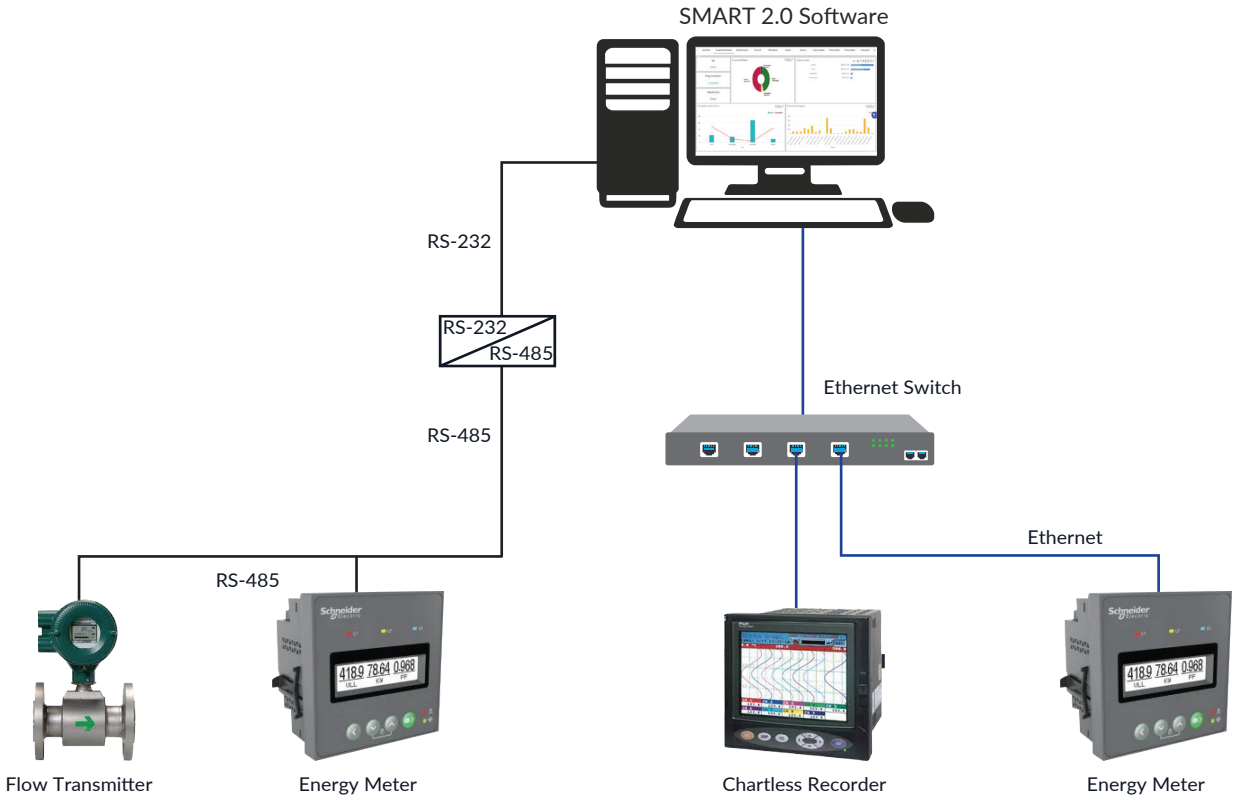
Data Monitoring, Logging & Reporting



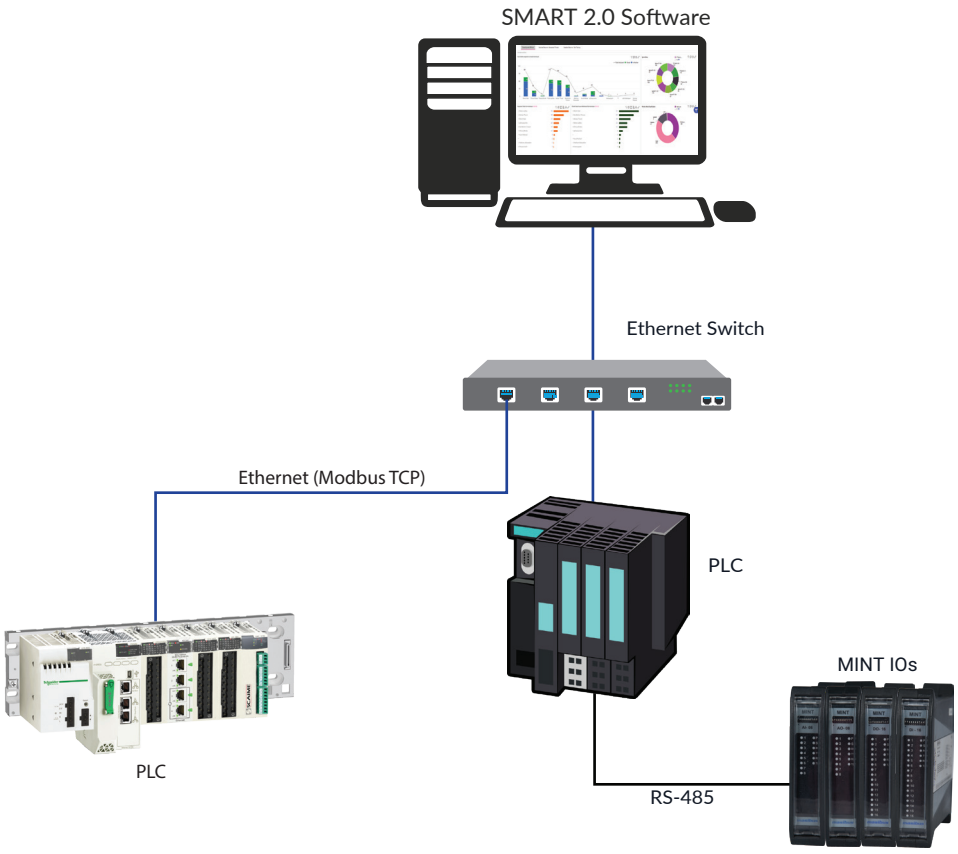
Energy Monitoring & Reporting



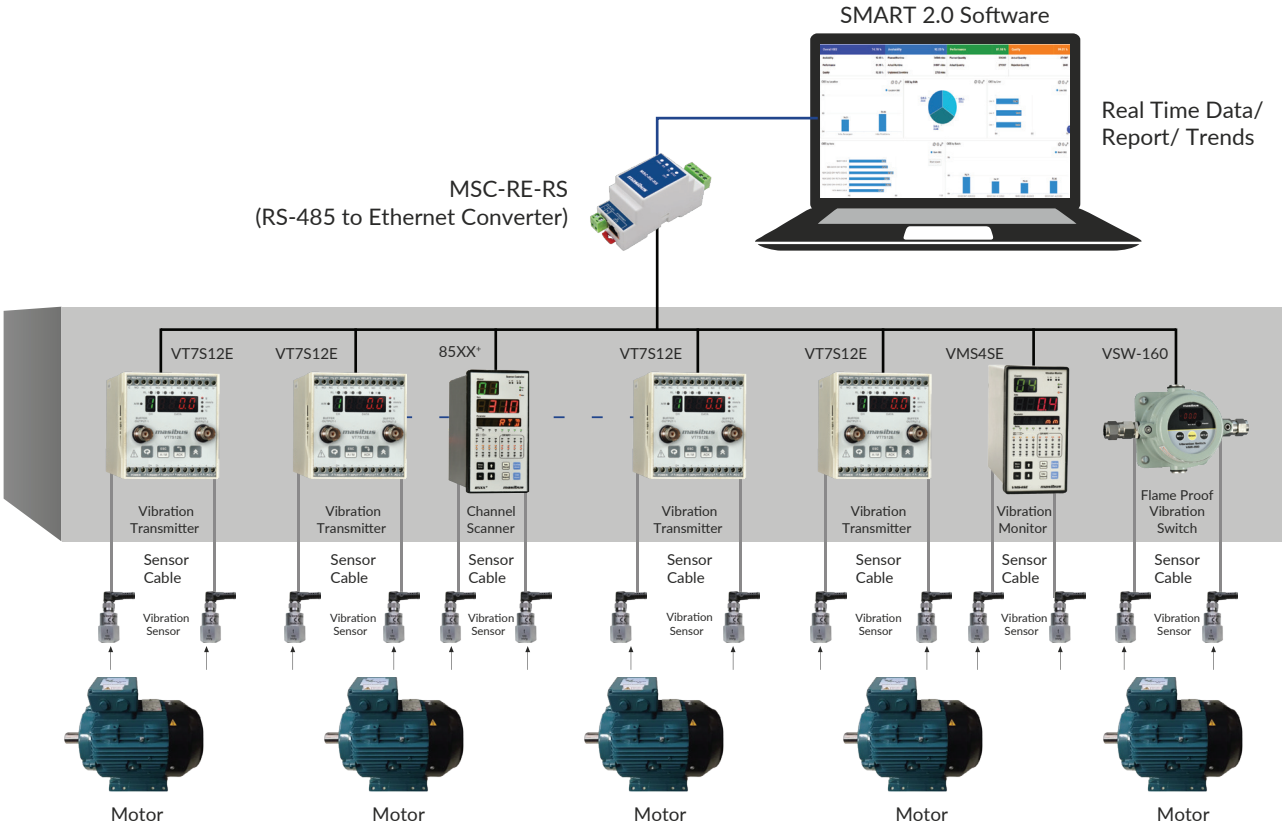
Data Monitoring & Logging



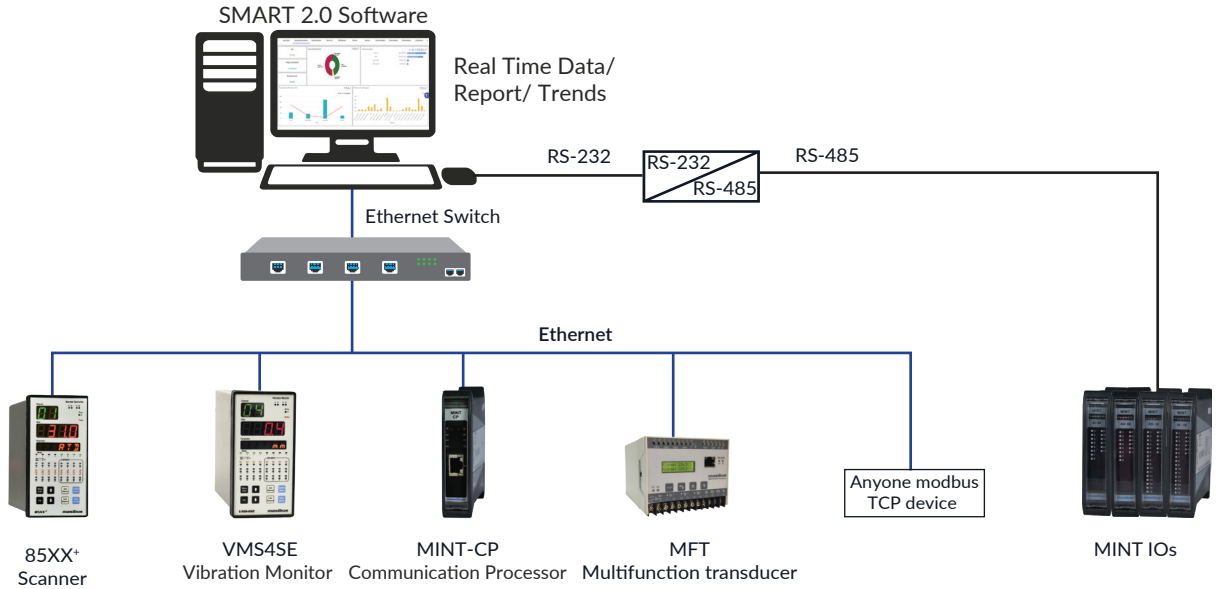
PLC Data Monitoring, Logging & Reporting



Vibration/ Machine Condition Monitoring



Data Acquisition System



Ordering Code

Model	No. of Points		21 CFR Compliance	
SMART-2	XXXX		X	
	0064	64 Points/8 Devices*	Y	Yes
	0128	128 Points/16 Devices*	N	No
	0256	256 Points/32 Devices*		
	0512	512 Points/64 Devices*		
	1024	1024 Points/128 Devices*		

*Above mentioned devices are recommended to connect.

*For Point Upgrade kindly contact Masibus

Head Office: Masibus Automation And Instrumentation Pvt. Ltd.
B-30, GIDC Electronics Estate, Sector-25, Gandhinagar-382024, Gujarat, India
Tel: +91 79 23287275-77, Fax: +91 79 23287281
E-mail: sales@masibus.com, Website: www.masibus.com

All specifications are subject to change without notice due to continuous improvements.
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