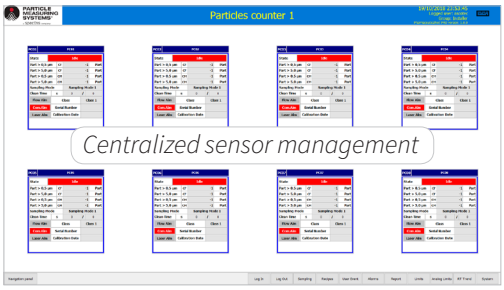
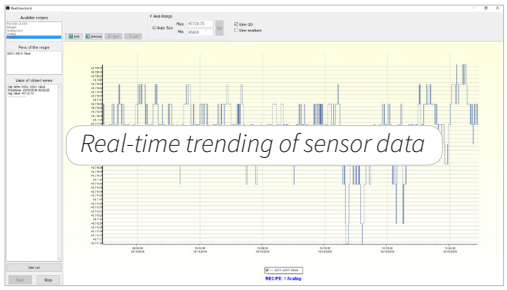
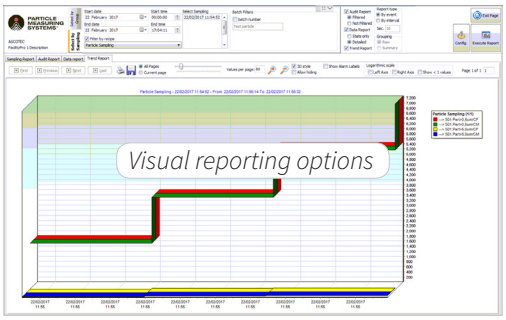
Pharmaceutical Net Pro Software

Data Management, Reporting, and Automation







Environmental Monitoring

Pharmaceutical Net Pro software is a monitoring, reporting and management tool. By distributing the data processing to the FacilityPro® Processor, Pharmaceutical Net Pro delivers high reliability and data integrity. The software provides the interface for managing viable, nonviable, and environmental data, improving the efficiency of production operations and quality investigations.

Industrial Automation Architecture

The processor handles incoming data, while the software provides a visual interface for data management, display, and storage. System design ensures reliability and data integrity, while also promoting streamlined, simplified user controls.

The software offers intelligent features such as data mapping, alarming, reporting, and recipe-driven sampling. Up to five clients can be used for remote access and viewing of data.

BENEFITS

- Designed specifically for pharmaceutical environmental monitoring
- Integration and control of viable and non-viable sampling
- 21 CFR Part 11 compliant for high data integrity
- Ultimate efficiency and reduced error
- Simple installation and validation
- Flexible integration

FEATURES

- Map for visual indication of viable, nonviable, and environmental status
- Configurable display
- Alarm notification and e-signature acknowledgement
- Configurable reports including audit, statistics, and trend reports
- Batch identifiers and data filters
- Automation of sample collection, driven by recipes
- Cubic-meter algorithms for nonviable data
- Volume-based or time-based viable sampling
- Remote data viewing and reporting

APPLICATIONS

Monitoring of critical environments including:

- Filling lines
- Isolators and RABS
- Blow-Fill-Seal
- Lyophilizer processes and transfer carts
- Biosafety cabinets and flow hoods
- General cleanroom and facility monitoring

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Without measurement there is no control

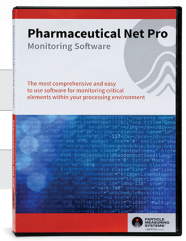
Pharmaceutical Net Pro Software

Data Management, Reporting, and Automation

Hardware Specifications

DISPLAY RESOLUTION	Minimum 1280 x 1024
PROCESSOR	Intel® Core Processor i3 2.2 GHz
OPERATING SYSTEM	Windows® 10 64 bit OR Windows Server 2016 Standard 64 bit
RAM	Minimum 8 GB
HARD DISK C	1 TB (for OS)
HARD DISK D	1 TB (for Data)

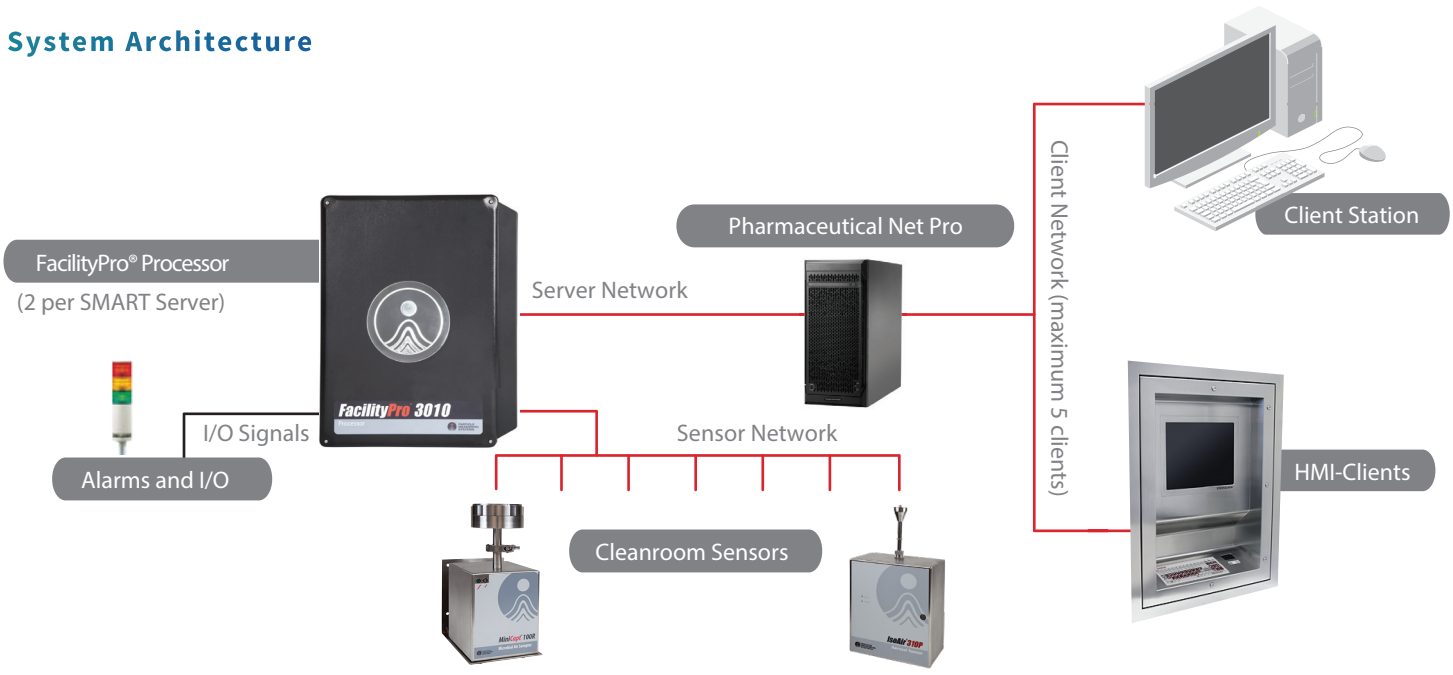
System Size	*Particle and Microbial*	*Digital Input / Digital Output*	*Analog Input*
SMALL	6 sensors	8 / 16	8
MEDIUM	12 sensors	16 / 32	48
LARGE	128 sensors	64 / 128	192 (+ 32 virtual)



System Hardware

FACILITYPRO PROCESSORS	5010, 3010, 1010

System Architecture



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Pharmaceutical Net Pro Software

Data Management, Reporting, and Automation

Feature Comparison

	Pharmaceutical Net Pro	FacilityPro SCADA NG Server
Viable / nonviable / environmental integration	Y	Y
21 CFR Part 11 compliant	Y	Y
Facility map for data and status visualization	Y	Y
Configurable display	Y	Y
Alarm notification and e-signatures	Y	Y
Configurable reports including audit, statistics, and trend reports	Y	Y
Batch identifiers and data filters	Y	Y
Automated sample collection, recipe-driven	Y	Y
Cubic meter algorithms for nonviable data	Y	Y
Volume-based or time-based viable sampling	Y	Y
Client software for remote viewing and reports	Y (2 or 5)	Y (25 max)
Maximum number of FacilityPro Processors	2	3
Built on GE Proficy iFIX SCADA and Historian DB	-	Y
Redundant servers	-	Y
Third-party PLC support	-	Y
Email software support	-	Y
Language support	English, French, German, Italian, Spanish, Portuguese, Swedish, Russian, Chinese (Simplified and Traditional), Korean, Japanese	

- : not supported y : supported

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