

FacilityPro® SMART NG and Pharmaceutical Net Pro Software

Data Management, Reporting, and Automation

- *Centralized environmental control management*
- *Real-time trending of sensor data*
- *Visual reporting options*



Without measurement there is no control

Environmental Monitoring

FacilityPro® SMART NG and Pharmaceutical Net Pro software are monitoring, reporting and management tools. By distributing the data processing to the FacilityPro Processor, both products deliver high reliability and data integrity. They provide 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 and data integrity compliant user controls.

The software offers intelligent features such as data mapping, alarming, reporting, and recipe-driven sampling. Up to 25 clients can be used for remote access and viewing of data from any location at your facility.

BENEFITS

- Enhanced data security with redundancy server configuration
- Designed specifically for pharmaceutical environmental monitoring
- Integration and control of particle counters, microbial samplers, and environmental sensors
- Real-time control of cleanroom contamination trends
- Meets data integrity requirements, including 21 CFR Part 11
- Ultimate efficiency and reduced error
- Clear visualization of data against alert and alarm levels
- Simple and quick installation and validation
- Flexible integration with RDP thin clients

FEATURES

- Area management with user and sensor data segregation capabilities
- Customizable map for visual indication of viable, nonviable, and environmental status
- Automatic customized PDF report and trend generation
- Personalized display for each client PC location
- Tailored multi-level security privilege configuration compatible with Windows® Active Directory and LDAP
- Alarm notification and e-signature acknowledgement
- Custom virtual points for easy environmental sensor data evaluation
- 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

FacilityPro[®] SMART NG and Pharmaceutical Net Pro

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Minimum Hardware Specifications

DISPLAY RESOLUTION	Minimum 1280 x 1024
PROCESSOR	Quad Core Processor, 3.40 GHz
OPERATING SYSTEM	Windows [®] Server 2016 Standard English 64 bit (OS Build 14393.3930) Windows 10 English Pro 64-bit (OS Build 19041.508)
RAM	Minimum 16 GB
HARD DISK 1	80 GB (for OS and applications)
HARD DISK 2	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	128 / 256	384 (+ 128 virtual)

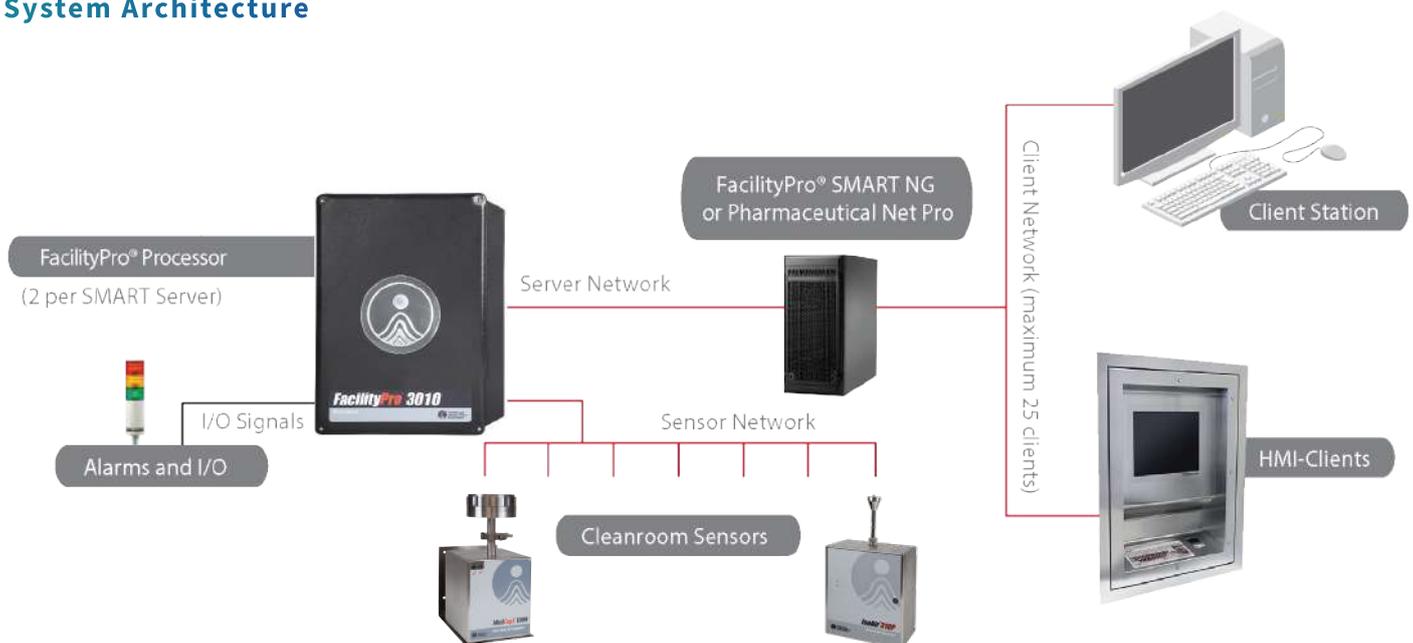
* Sensors doubled with two FacilityPro processors

System Hardware

FACILITYPRO PROCESSORS	5010, 3010, 1010
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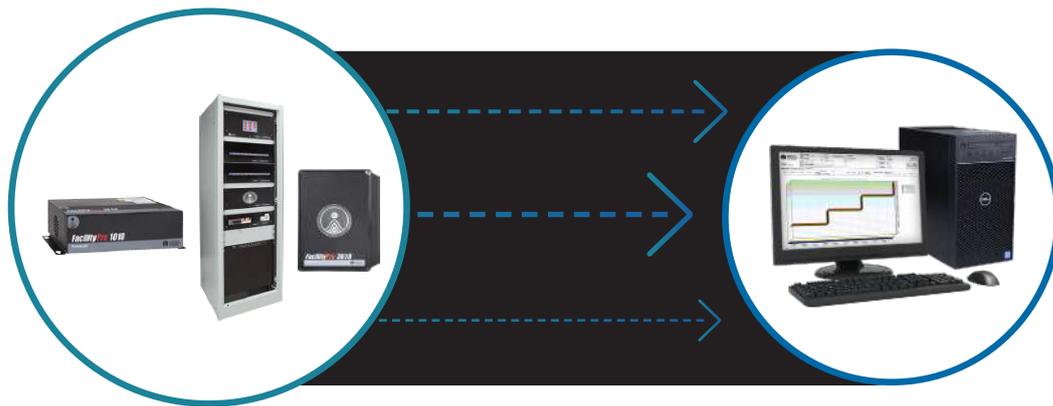
System Architecture



Software

FacilityPro SMART NG and Pharmaceutical Net Pro provide the user with a number of tools to improve efficiency and reduce error:

- Map for visual indication of viable, nonviable, and environmental status
- Personalized display
- Alarm notification and e-signature acknowledgement
- 12 interface languages supported
- Configurable reports including audit, statistics, and trend reports
- Real-time trending of data
- 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
- Client software for remote viewing and reporting



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