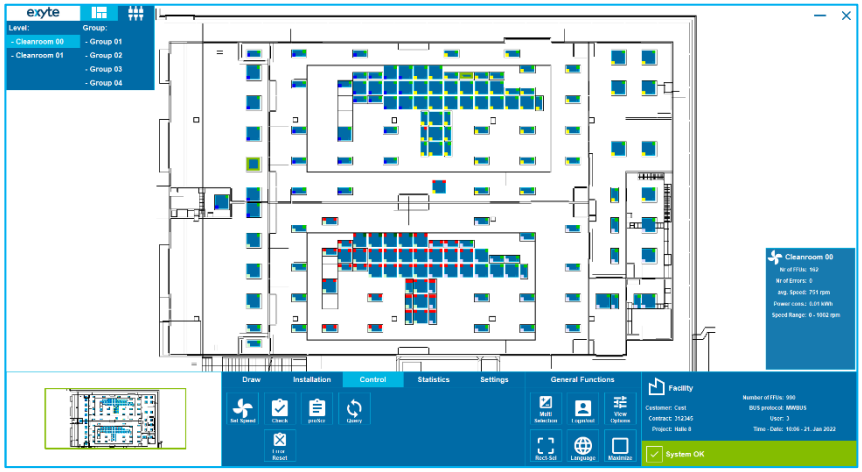
Datasheet

Control and visualize clean room air systems with Draw and Control (DnC)

Draw and Control, in short as DnC, is developed for the control and visualization of clean room air systems. The commissioning and installation of the FFUs are facilitated and can be visualized using the control system. Programmable scripts allow prioritized tasks to be created and assigned to individual FFUs or to a group of FFUs.

DnC main screen:



DnC main screen with level overview (top left), FFU selection info (right), eagle eye (bottom left), facility overview (bottom right) and functions to change

Features

- Language: English, German
- Cleanroom overview in CAD quality
- Multiple Levels with their own layout
- Auto and manual installation of FFUs
- Script programming and prioritization
- Three user ranks
- Error management
- Grouping of FFUs freely selectable
- Connectivity to BMS through IO Module
- Modbus TCP/IP Server integrated
- Fan Communication: MWBUS, MODBUS/RTU
- Desktop PC or Rack PC with Touchscreen in Cabinet
- FFU Power Consumption Overview

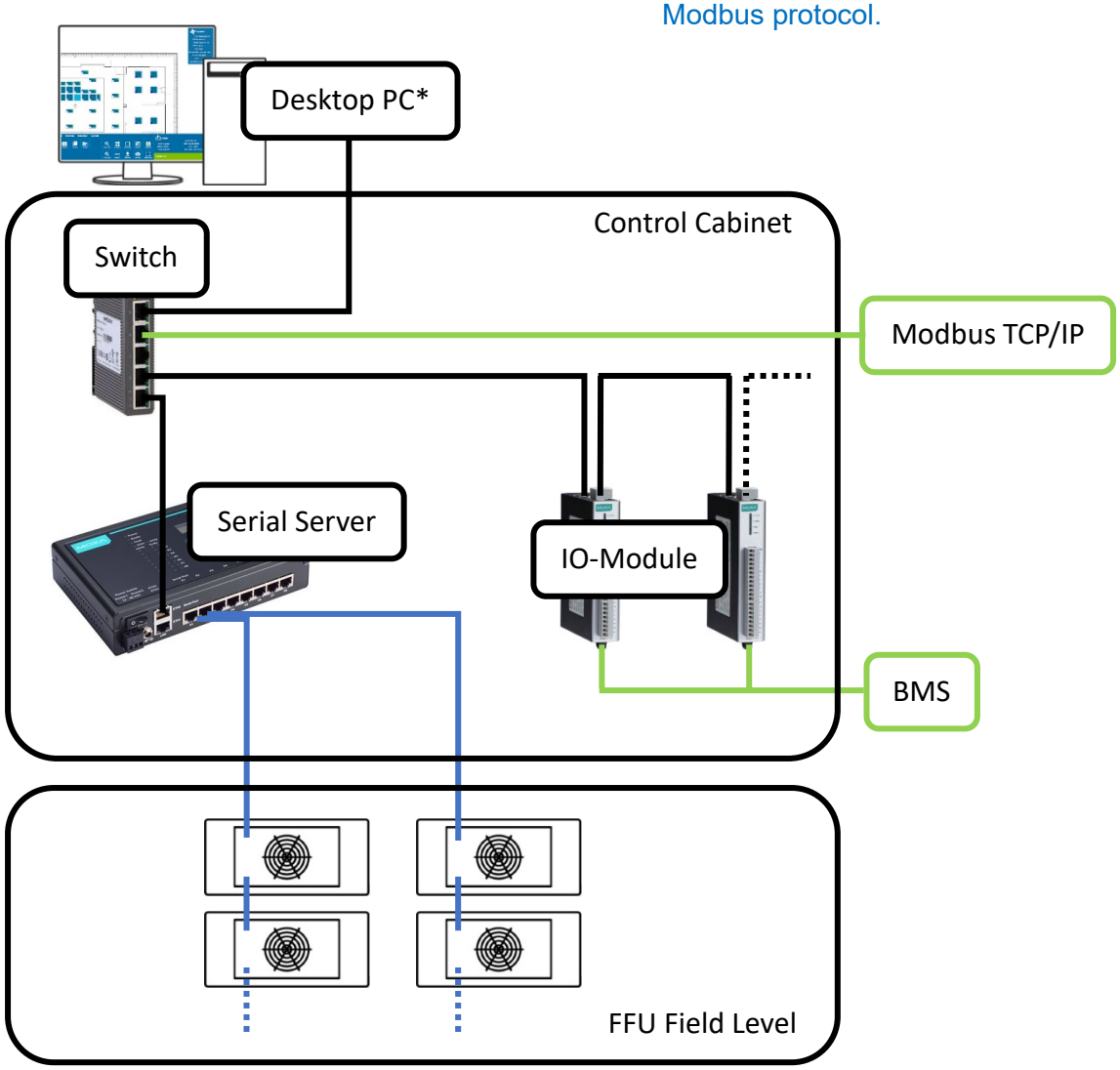
In DnC for every cleanroom floor or room you can assign a separate CAD layout. By importing the CAD layout, the FFUs can be easily identified and are drawn automatically. Afterwards, the FFUs can be assigned to individual groups and channels.

Data transfer to the BMS sytem can be done by IO modules or the integrated Modbus TCP/IP Server.

Every user can be assigned to one of three user ranks, with each function permissions. There is the possibility to activate the requirement of a digital signature or an explanation before a user can change a setting. The event history stores every change with timestamp and can be stored as for example, html or pdf file.

System Architecture

DnC can be on a desktop PC in your office or control room, or it can be on a rack PC with touch screen in the control cabinet. Via switch it is connected to the serial servers to control the FFUs. Also, it is connected to IO modules for the communication with your BMS. The integrated Modbus TCP/IP Server can be used to get the FFU and facility information with the help of the Modbus protocol.



*Or: Rack PC with touchscreen in control cabinet

Contact

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