

Power Station Control

Vertical Integration & Project Organisation



- Development
- Consulting
- Engineering
- Manufacture
- Installation
- Commissioning
- Training
- Product Maintenance
- Worldwide Service



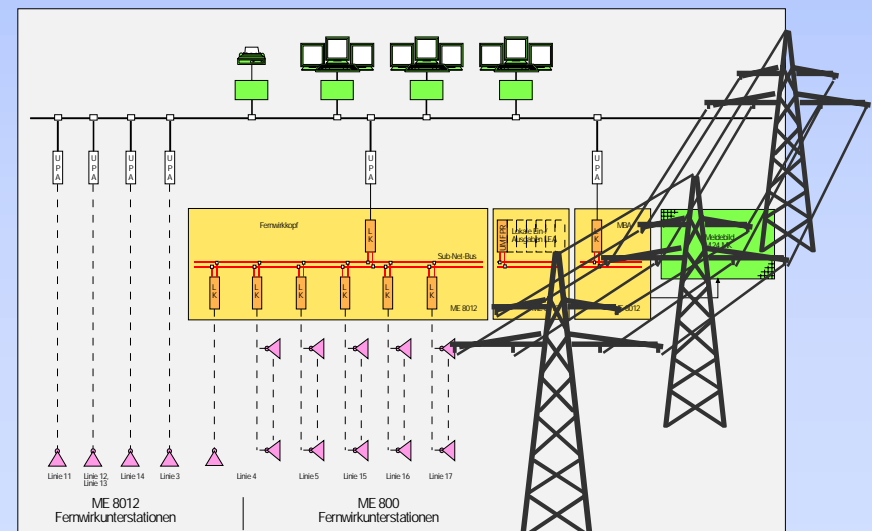
Control Room Technology



Power Station and Process Control
Power Generation



Station and Remote Control
Power Distribution

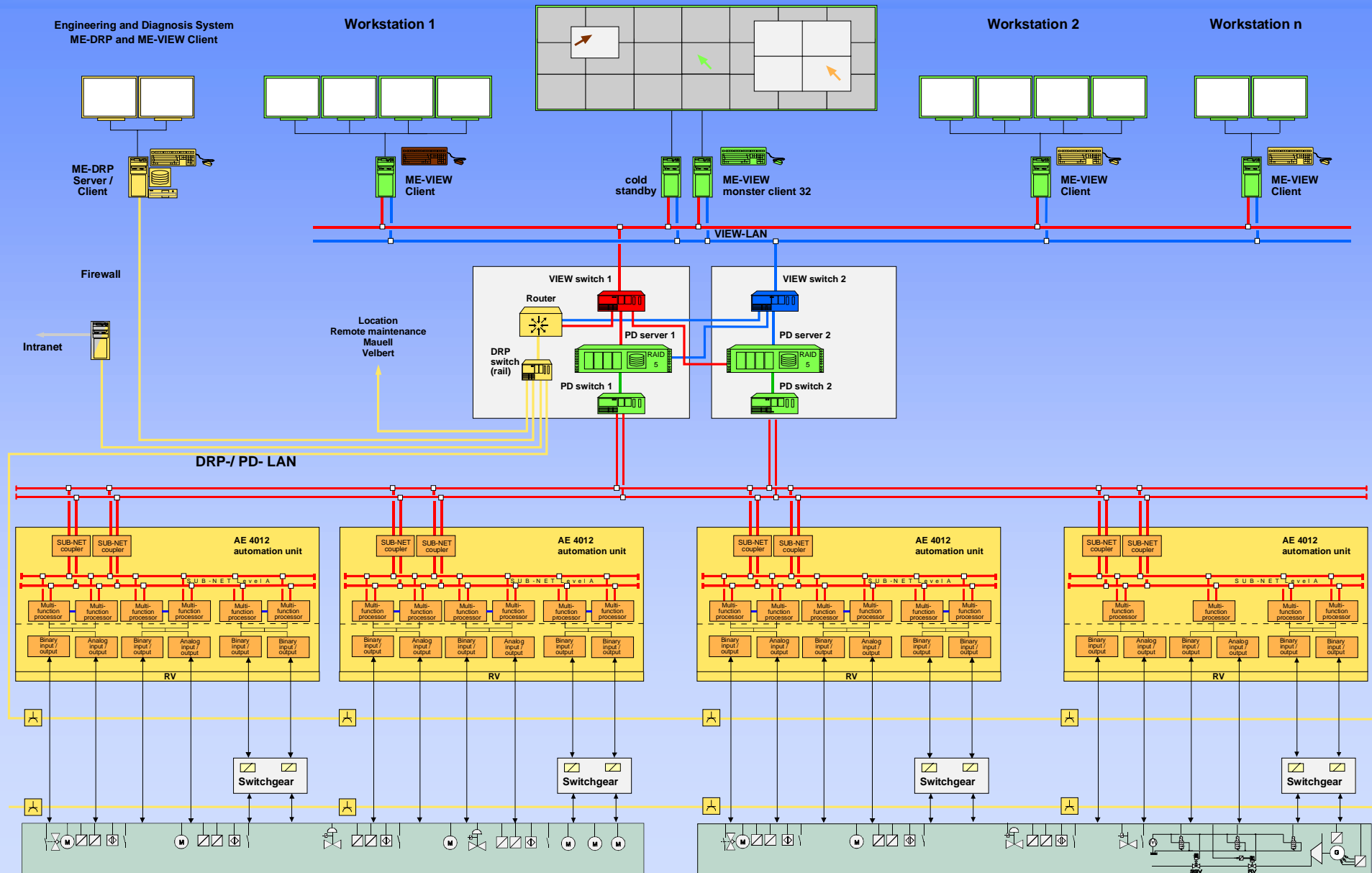


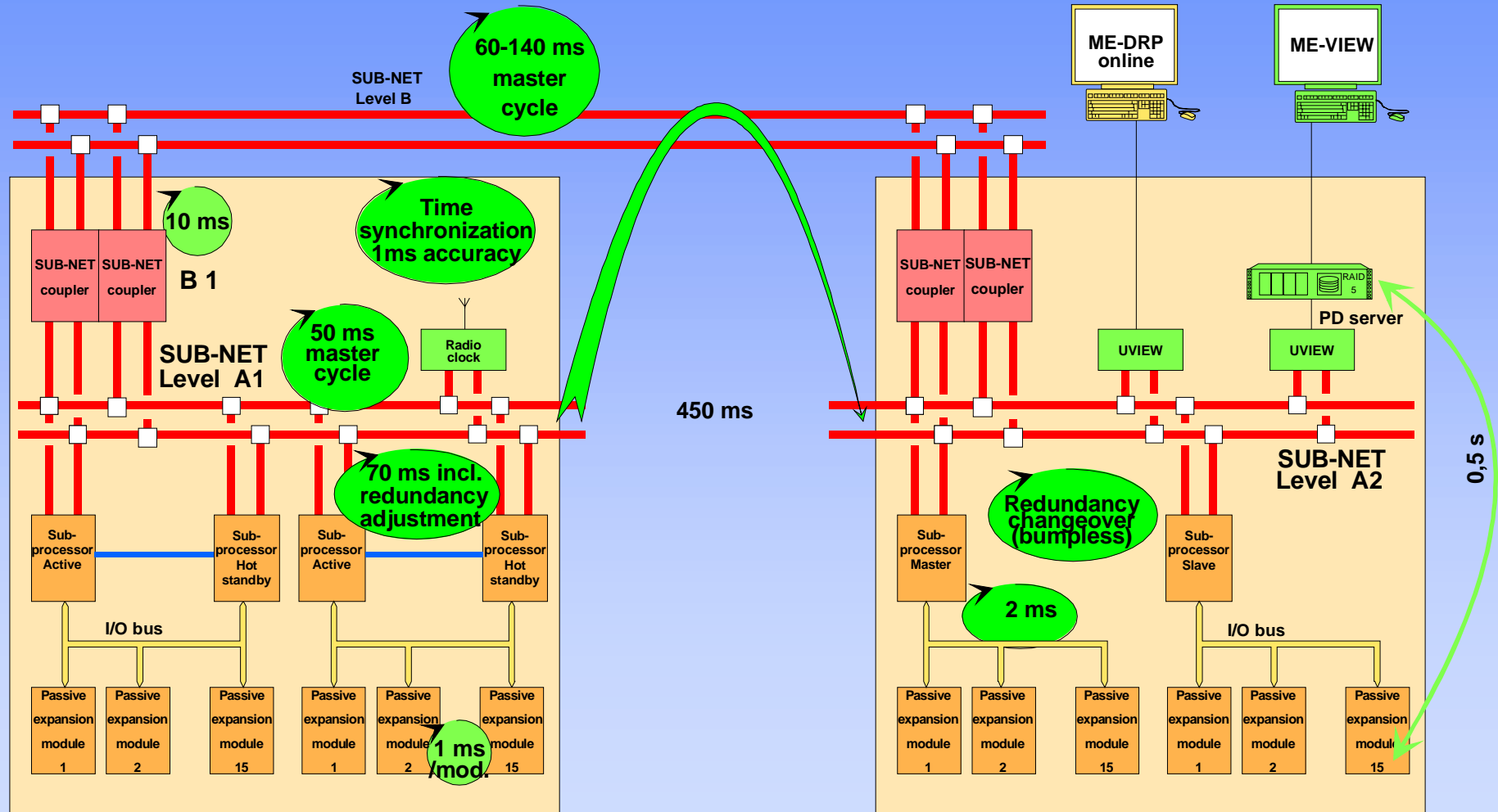
- **Unit control**
- **Failsafe burner Control**
- **Steam turbine control**
- **Gas turbine control**

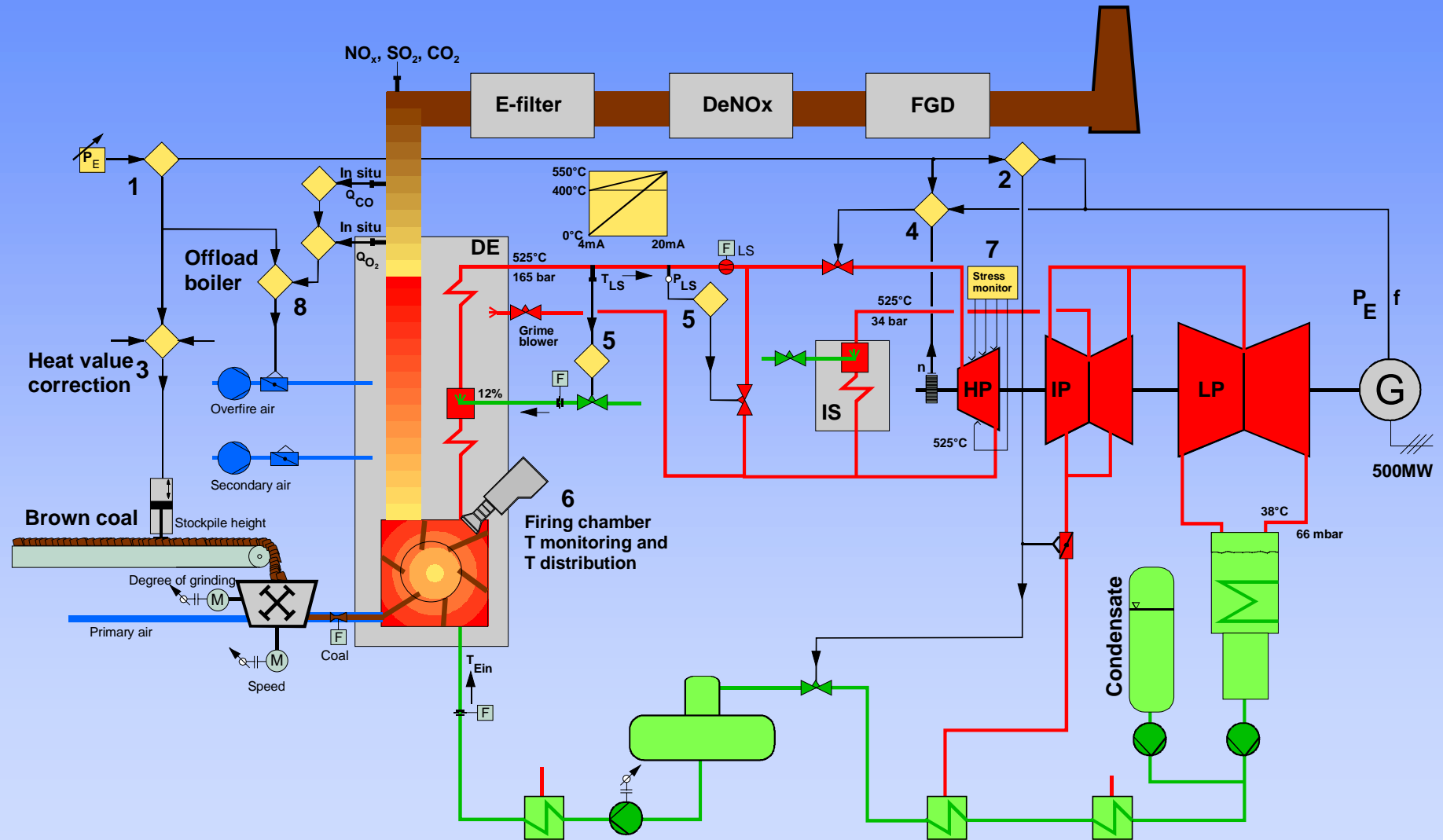
- **Power station ancillary plants**
- **Waste incineration plants**

- **Pump storage and river power plants**
- **Nuclear power plants:**
Signalling and message system, criteria computer,
Control room technology and Simulator control rooms

- **Training systems for power station control**





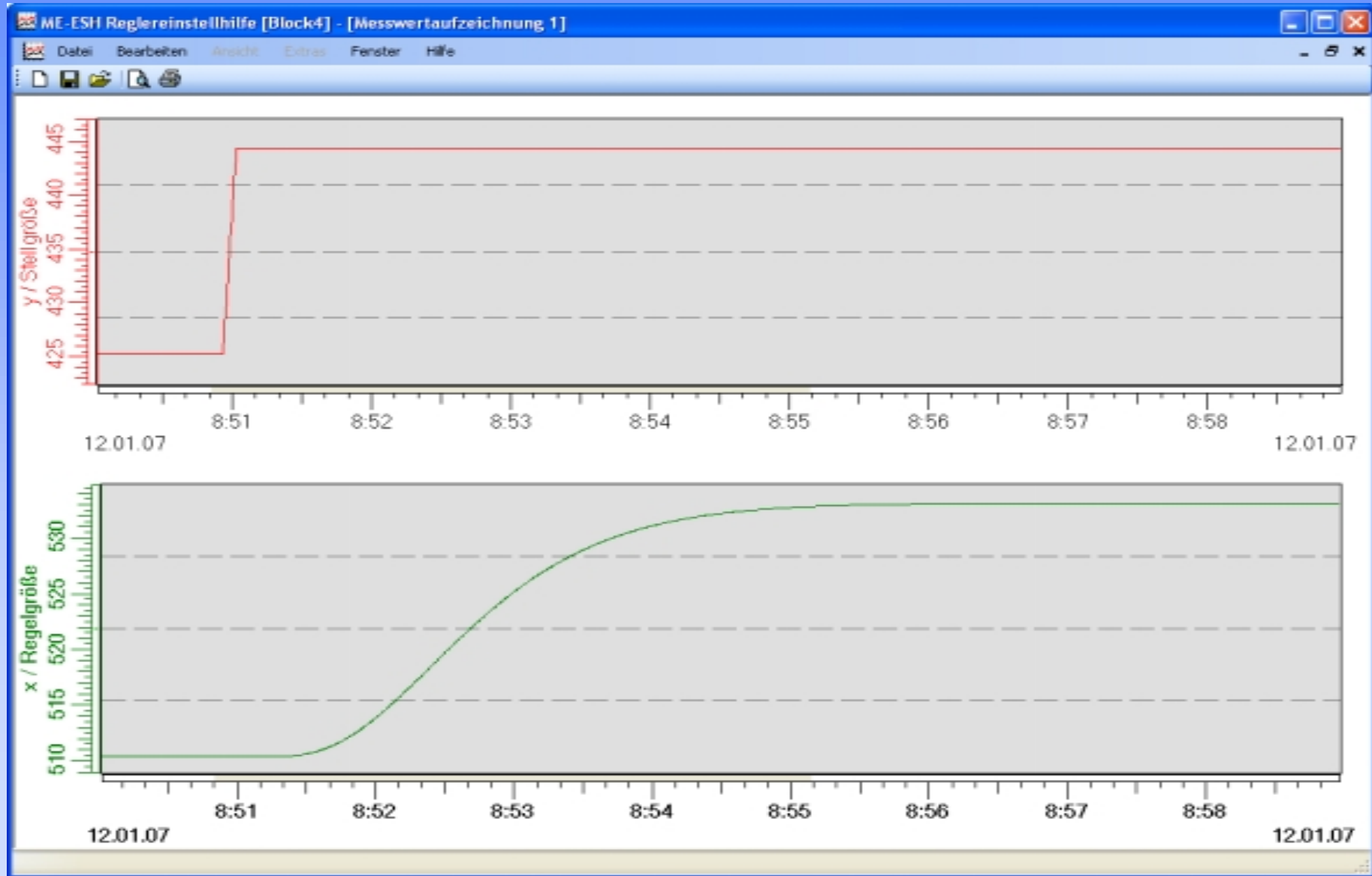


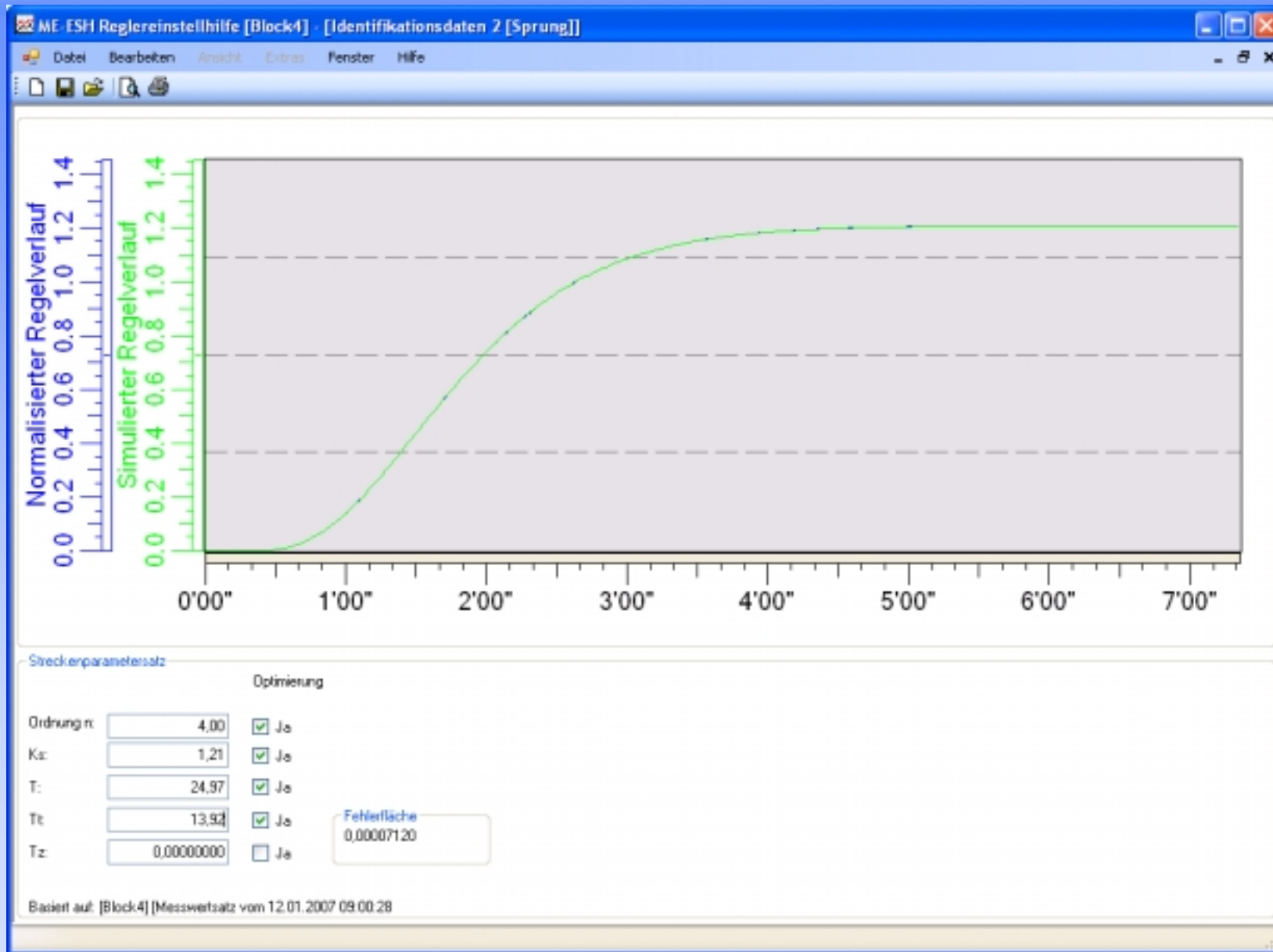
1 Unit model (smooth load control)
2 Condensate stop control

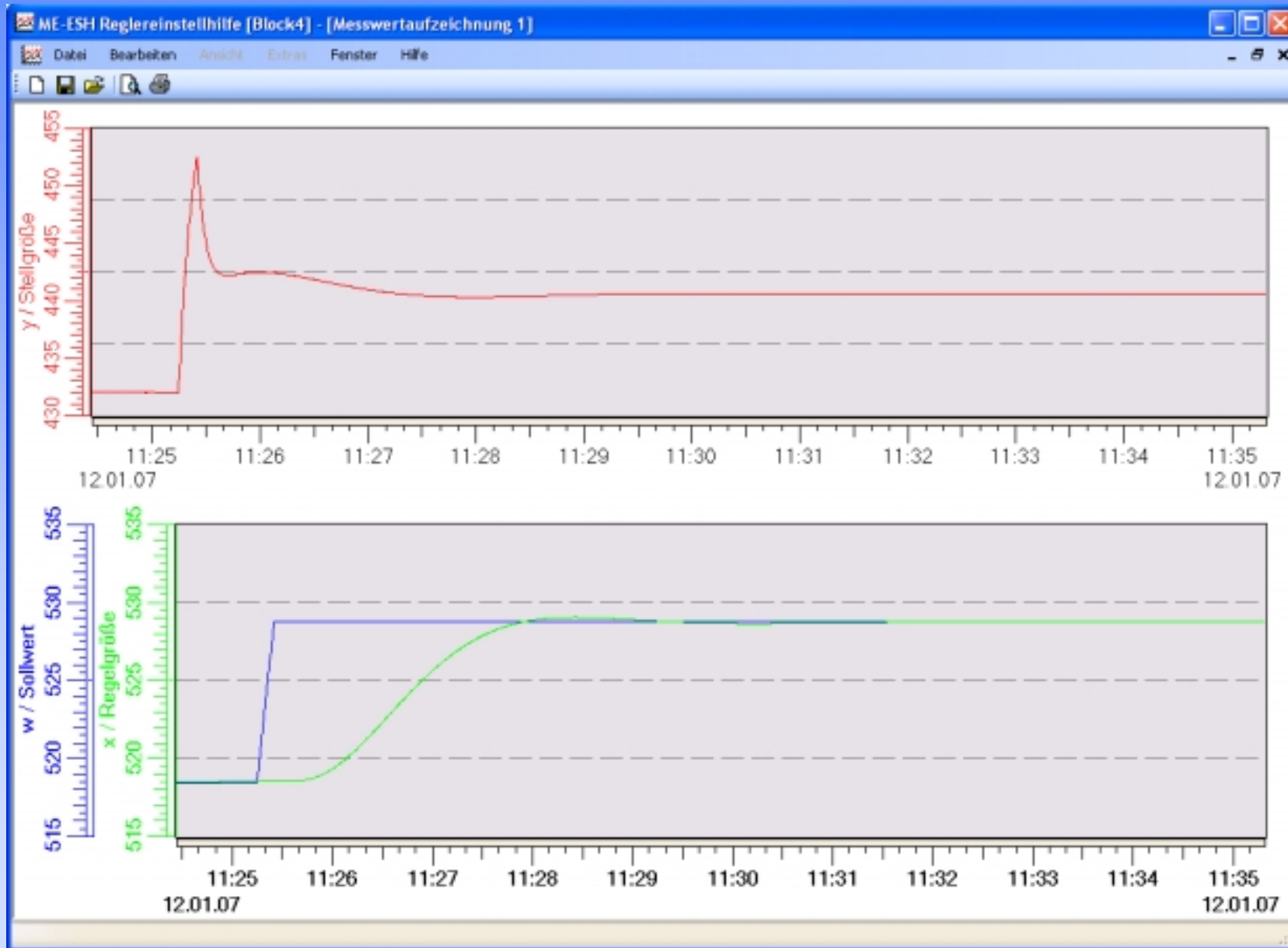
3 FUZZY-based furnace operation control
4 Turbine speed and power control

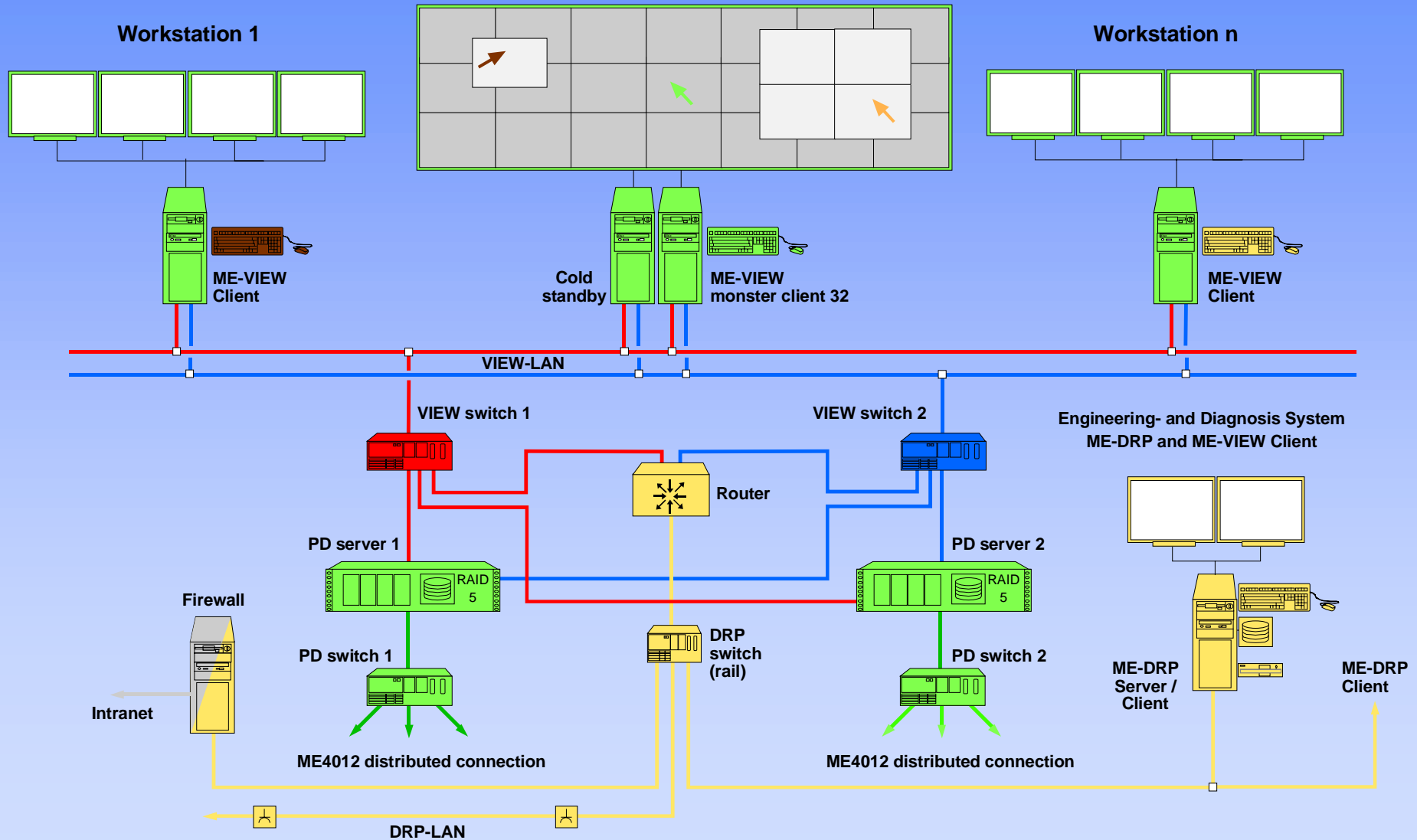
5 Observer-based state control
6 Combustion analysis control

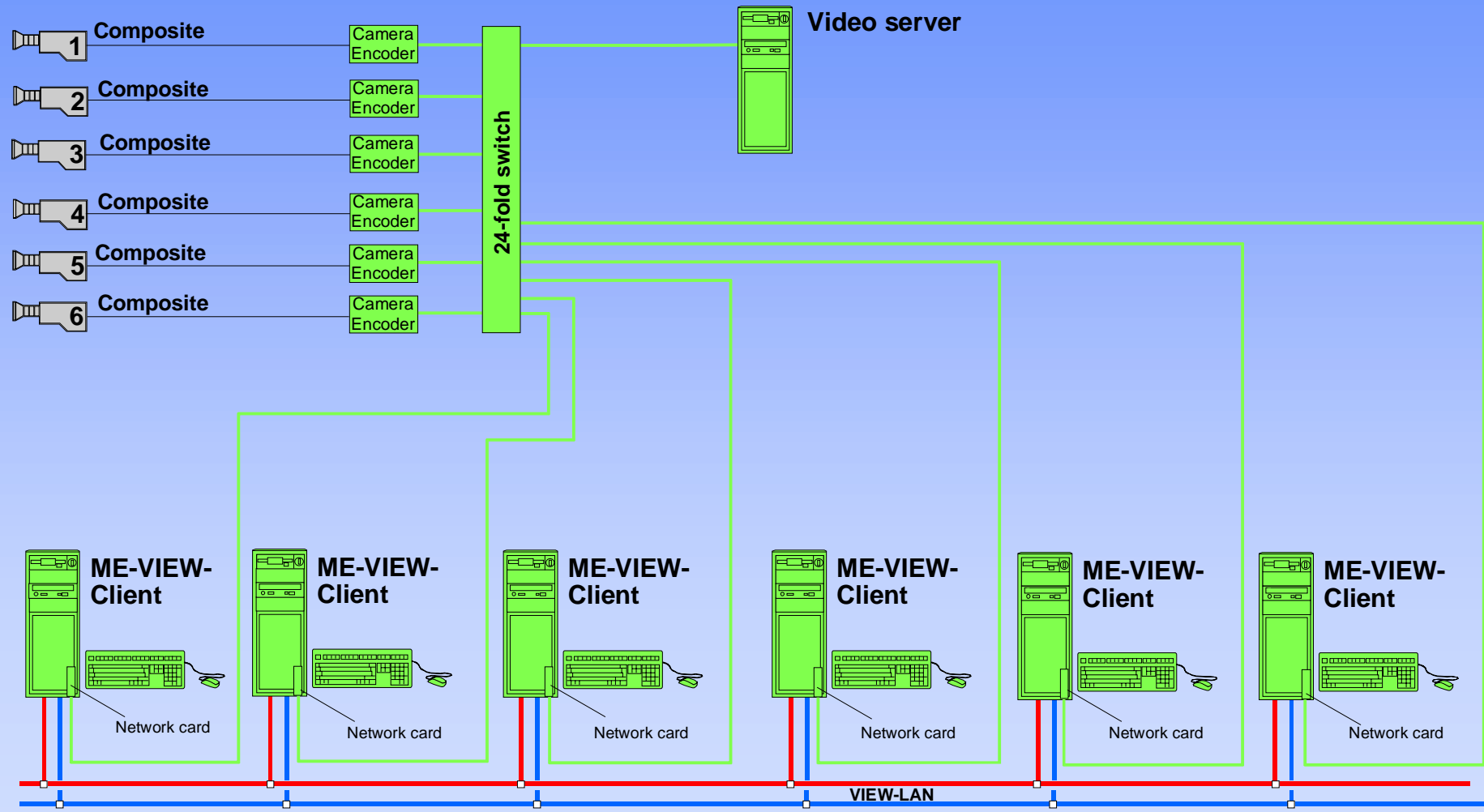
7 Turbine stress monitoring
8 Offload boiler

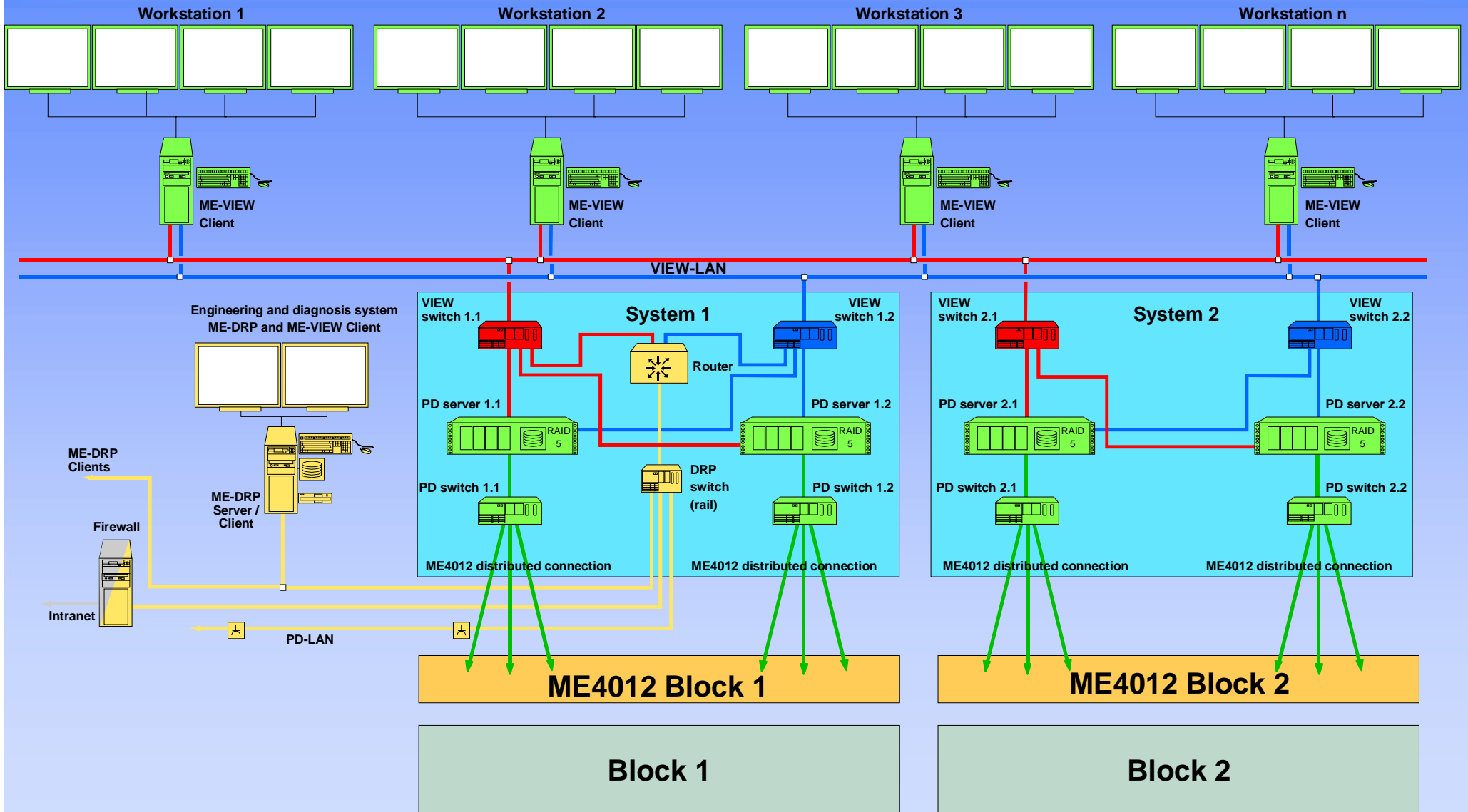


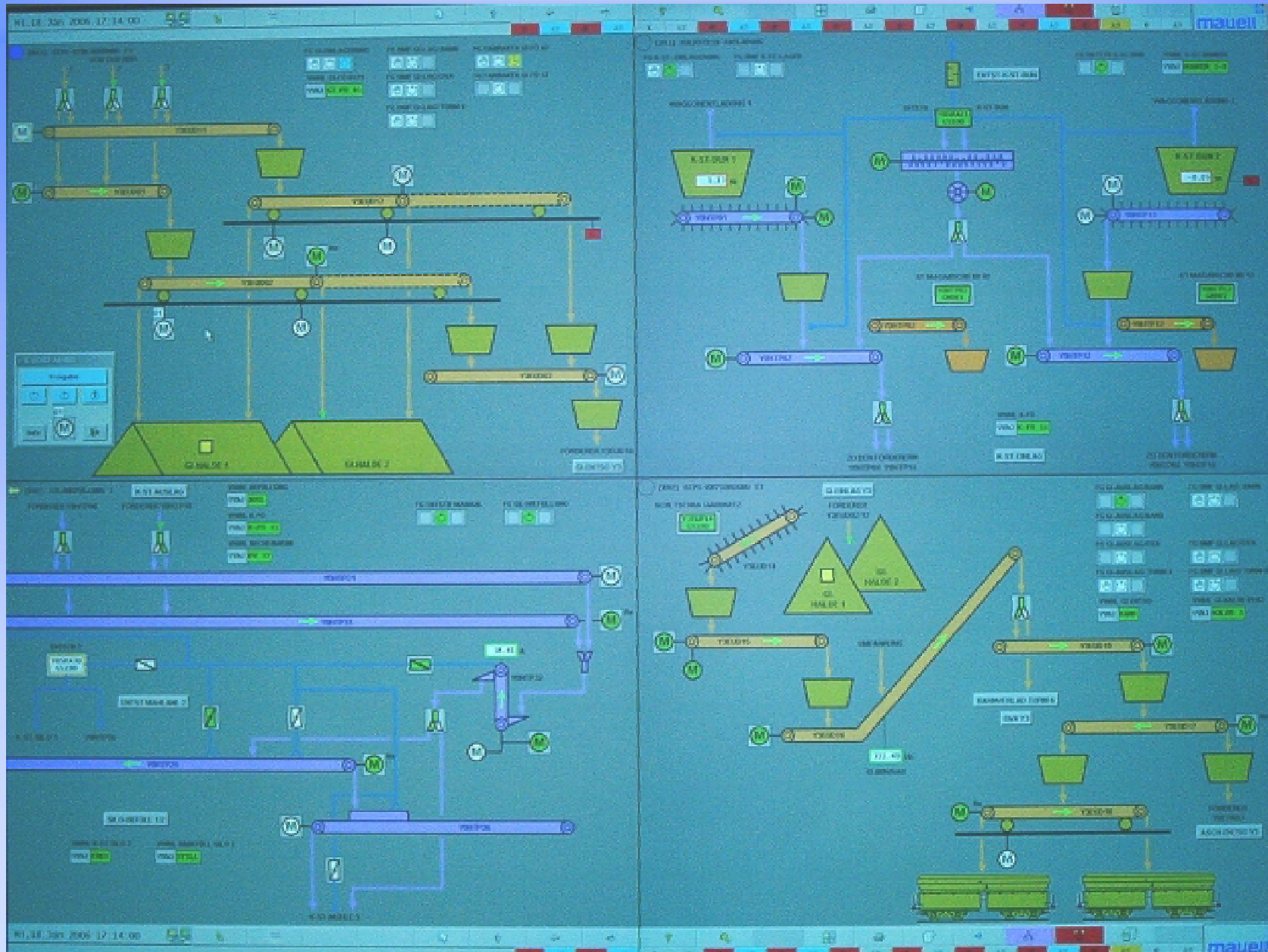






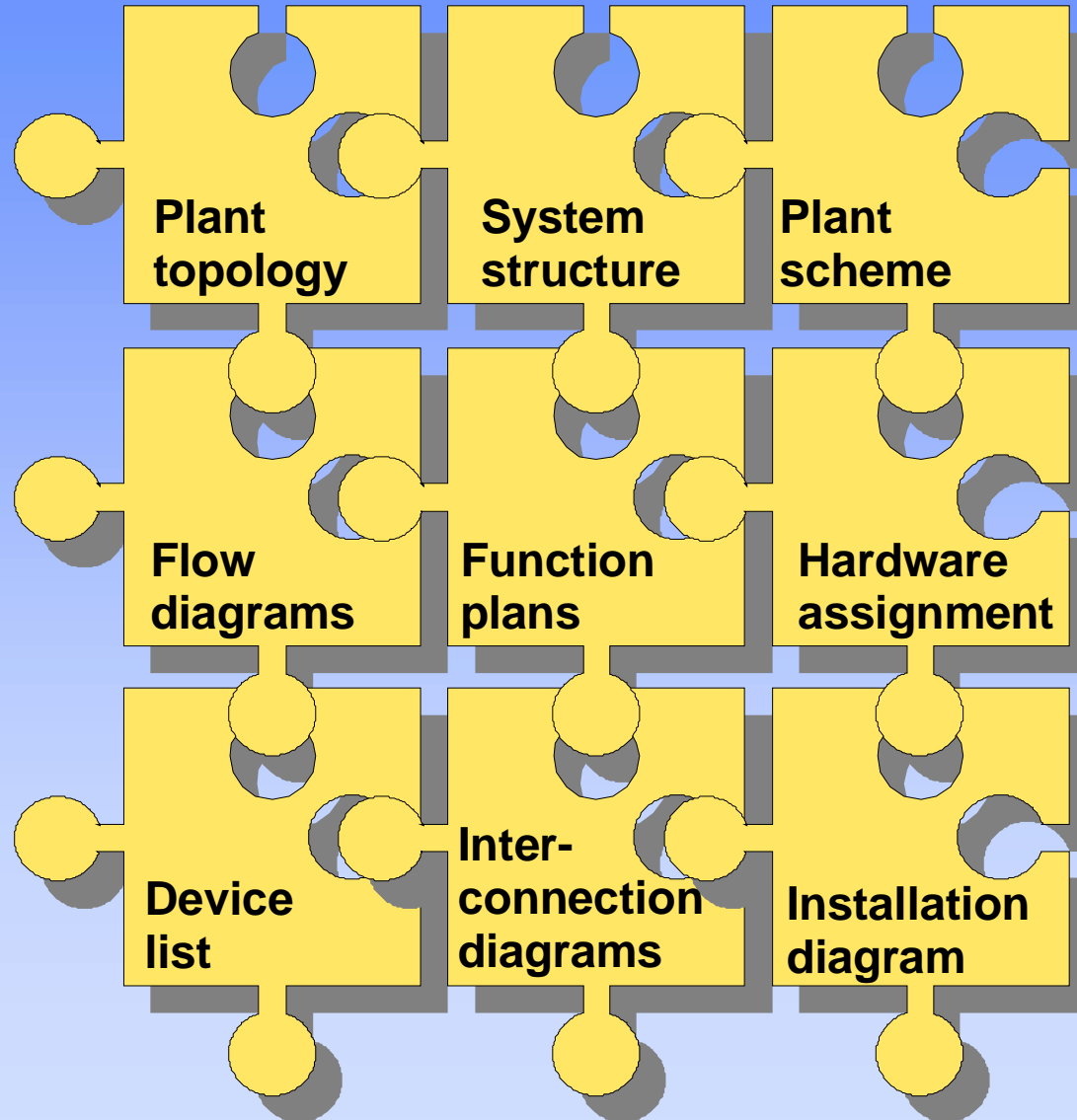


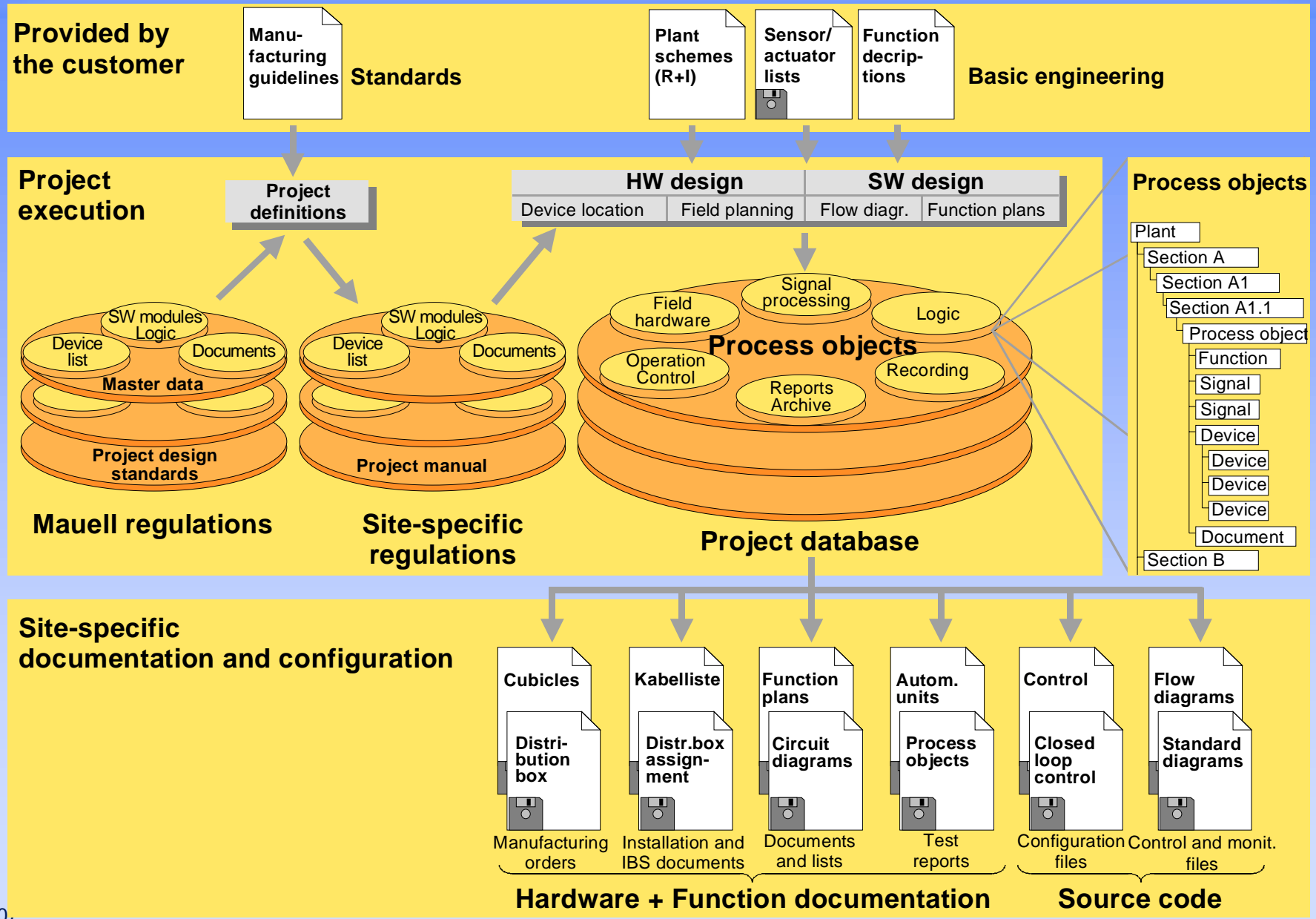


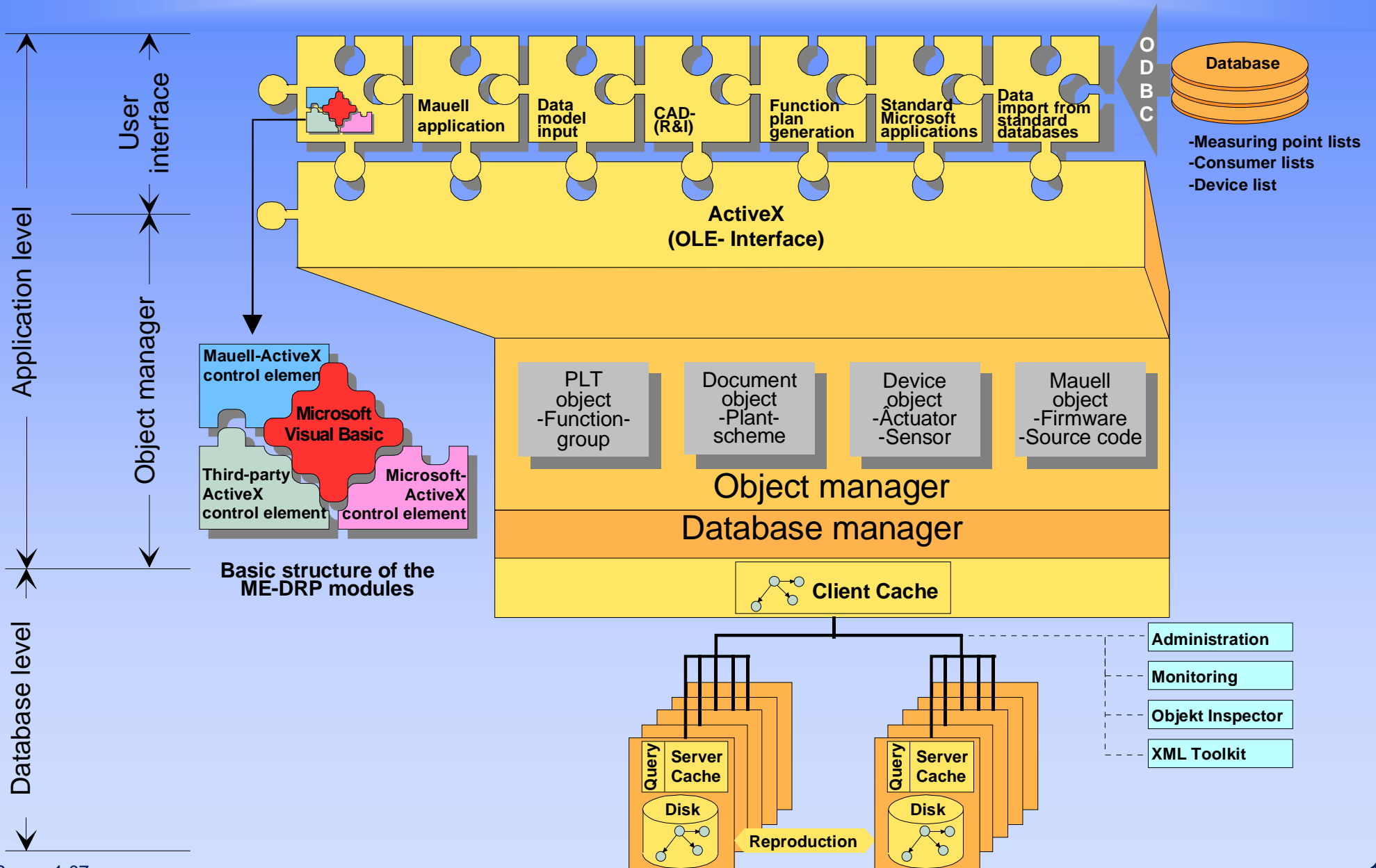


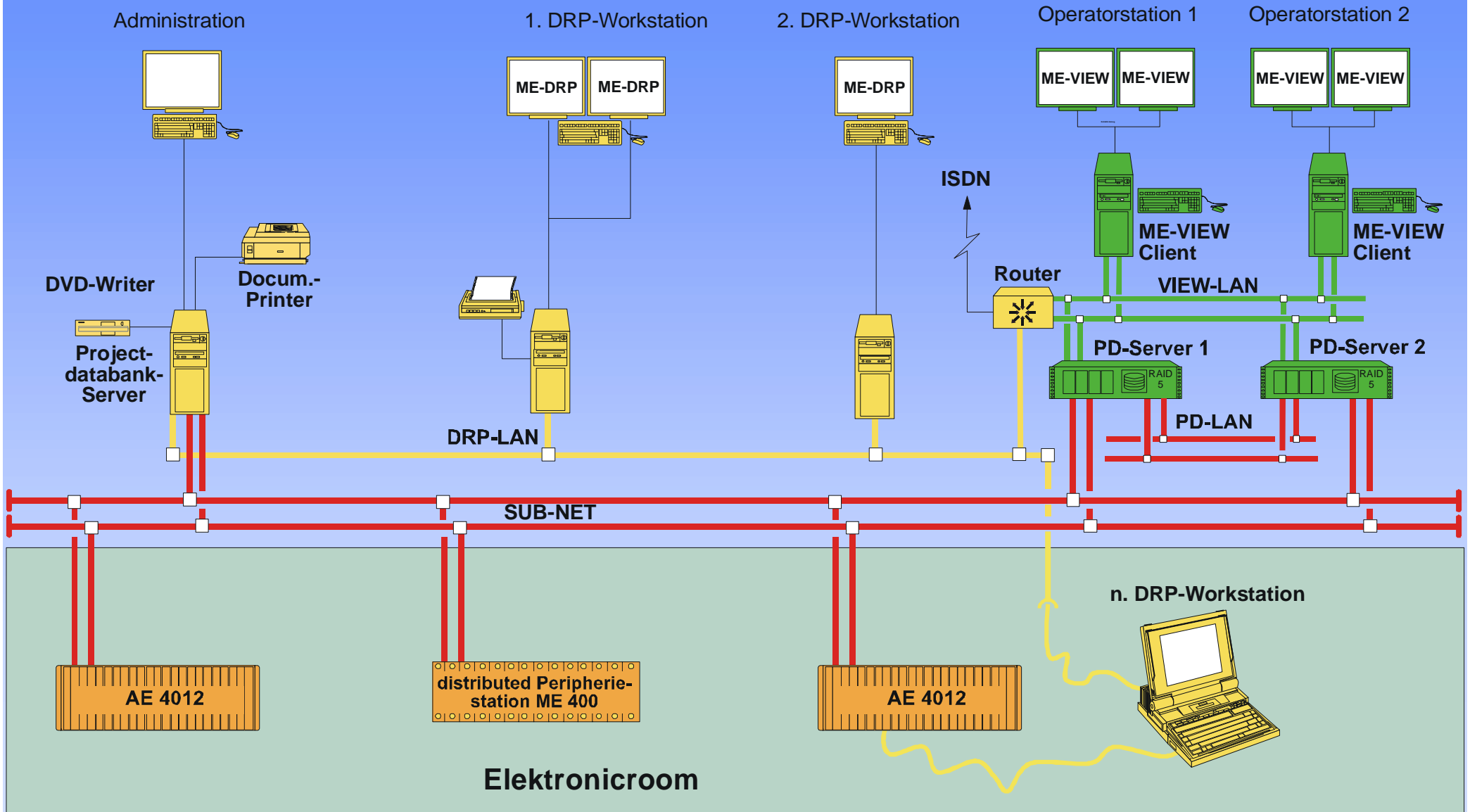


ME-DRP Functional Scope









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