



DF8000 SCADA/EMS

FOR POWER DISPATCH CENTER





At present, there are more than 420 Power System Dispatch Centers including district and above level dispatch centers, county level dispatch centers and centralization control centers that use DF8000 series SCADA/EMS, and over 30% district level power dispatch centers are using DF8000 series products in China.

The DF8000 series SCADA/EMS Products include:

DF8002 Integrated Dispatch Center SCADA/EMS

DF8003 IEC61970 and CORBA Based SCADA/EMS

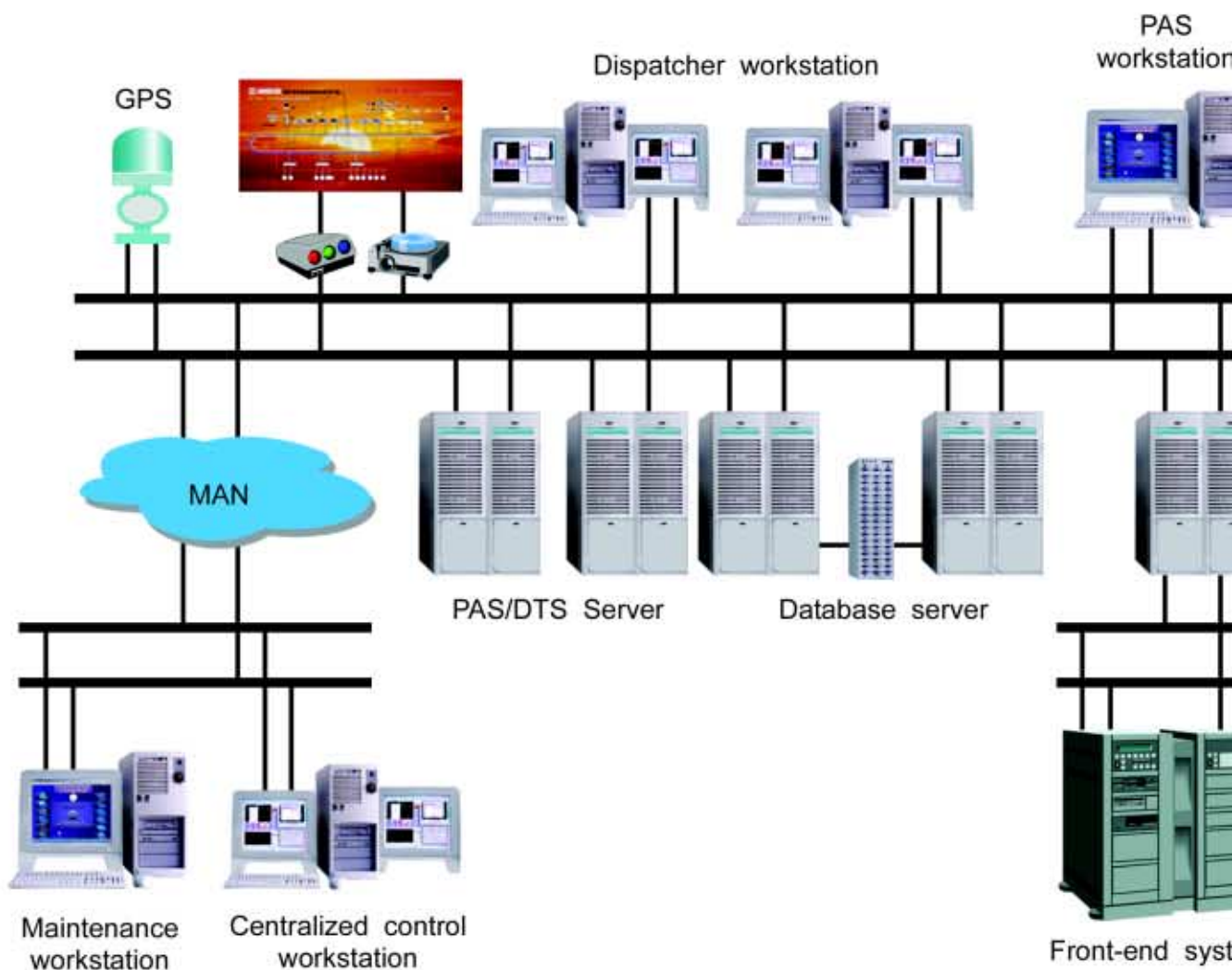


DF8000 Series SCADA/EMS for Power Dispatch Center

Overview

DF8000 series Electric Power Dispatch Center SCADA/EMS systems are a complete solution which realize the functions of electric power system supervisory & control and data acquisition, electric power network safety & economical operation and analysis, real-time dispatch management, dispatcher training, data communication between different centers, etc.

Dispatch Center Typical Configuration





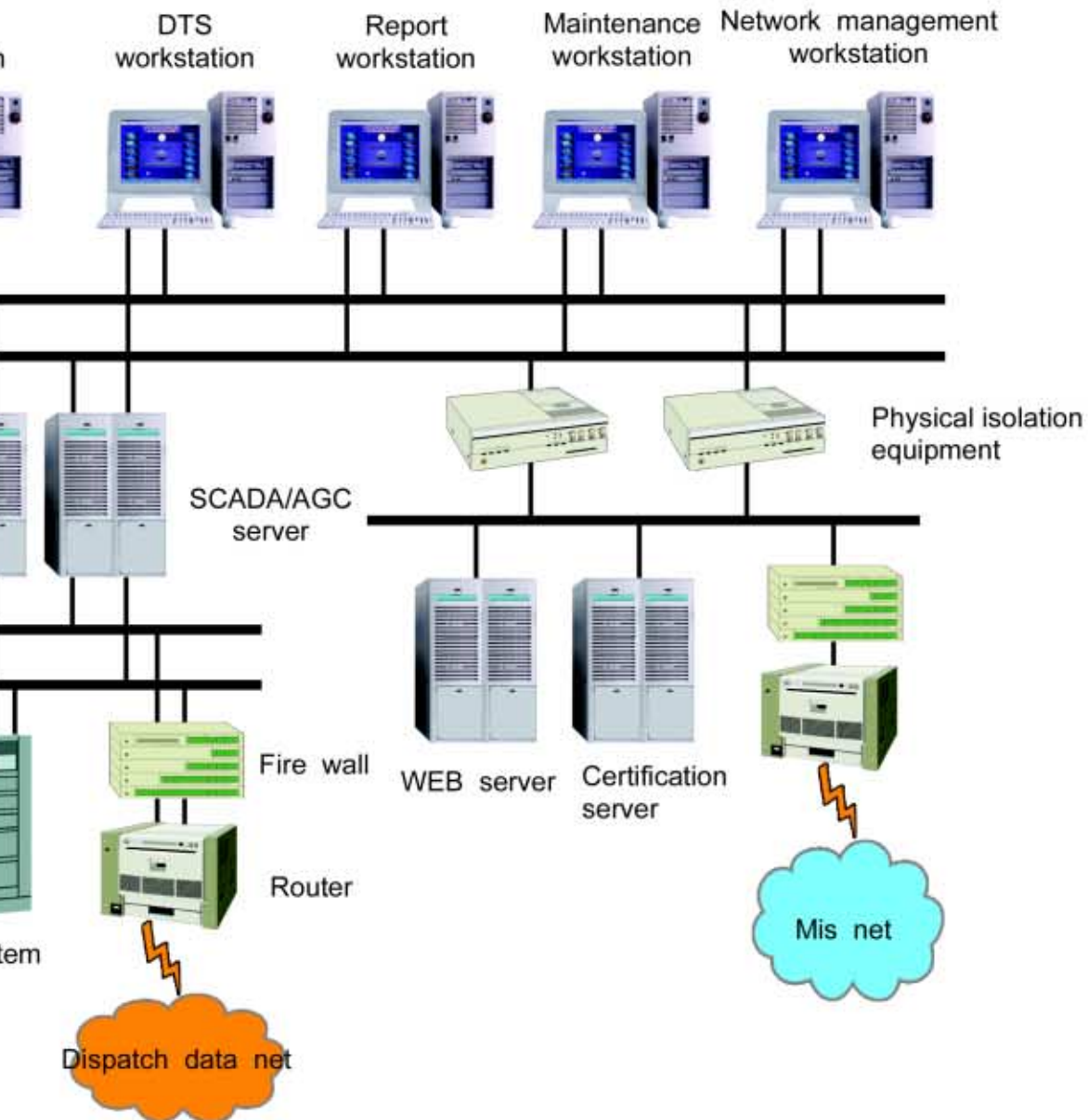
SCADA/EMS for Power System Dispatch Center



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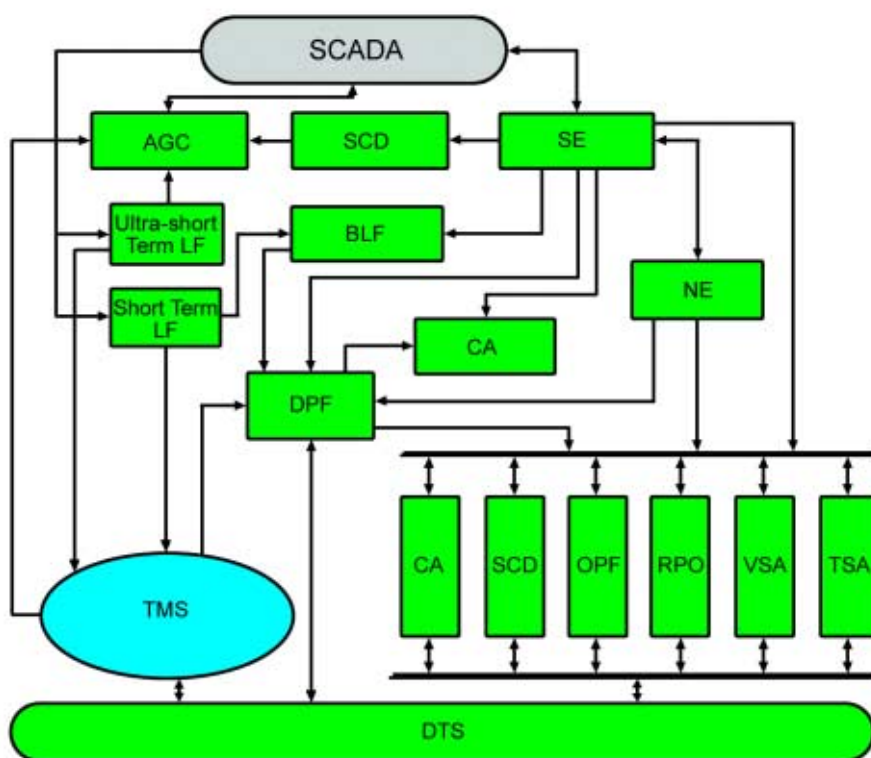
New-Key-Product state certification No. 20013700033





Functional Software Modules:

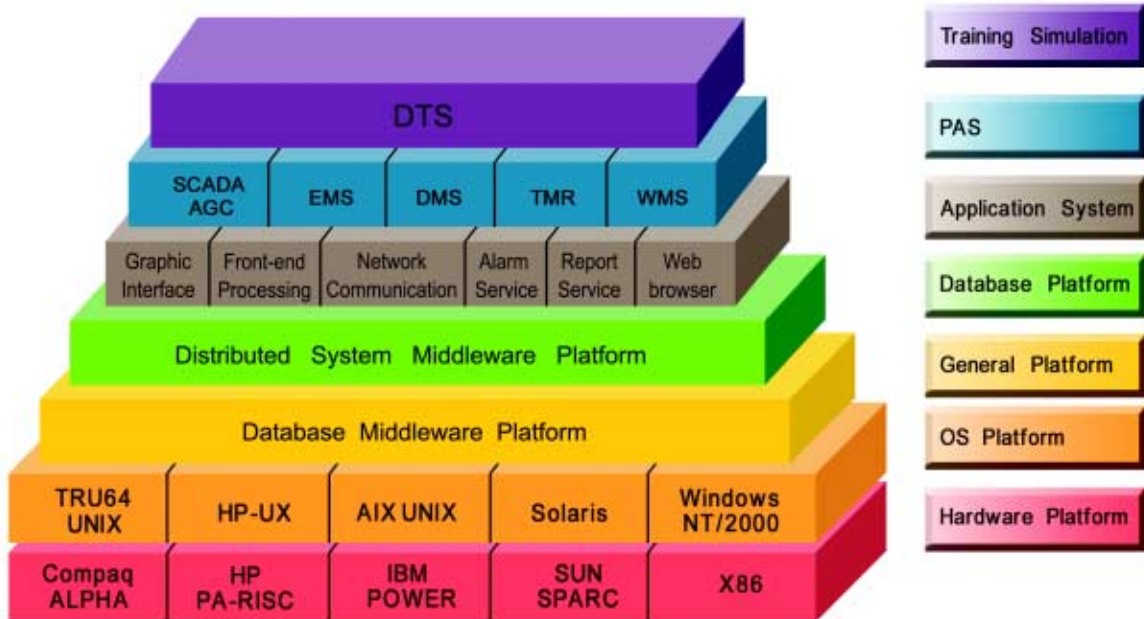
- Integrated Hardware/Software Platform
- SCADA System
- Power Analysis Software: Network Topology, State Estimation, Dispatch Power Flow, Network Equivalence, Short-circuit Current Calculation, Voltage Control/Reactive Power Optimization, Static Security Assessment, Load Forecasting and so on
- Dispatch Information Management System (DMIS)
- Dispatcher Training Simulation System (DTS)
- Tele-Meter Reading System(TMR)



Software Modules Relationship inside DF8000



Software Architecture



Software Architecture of DF8000 System

