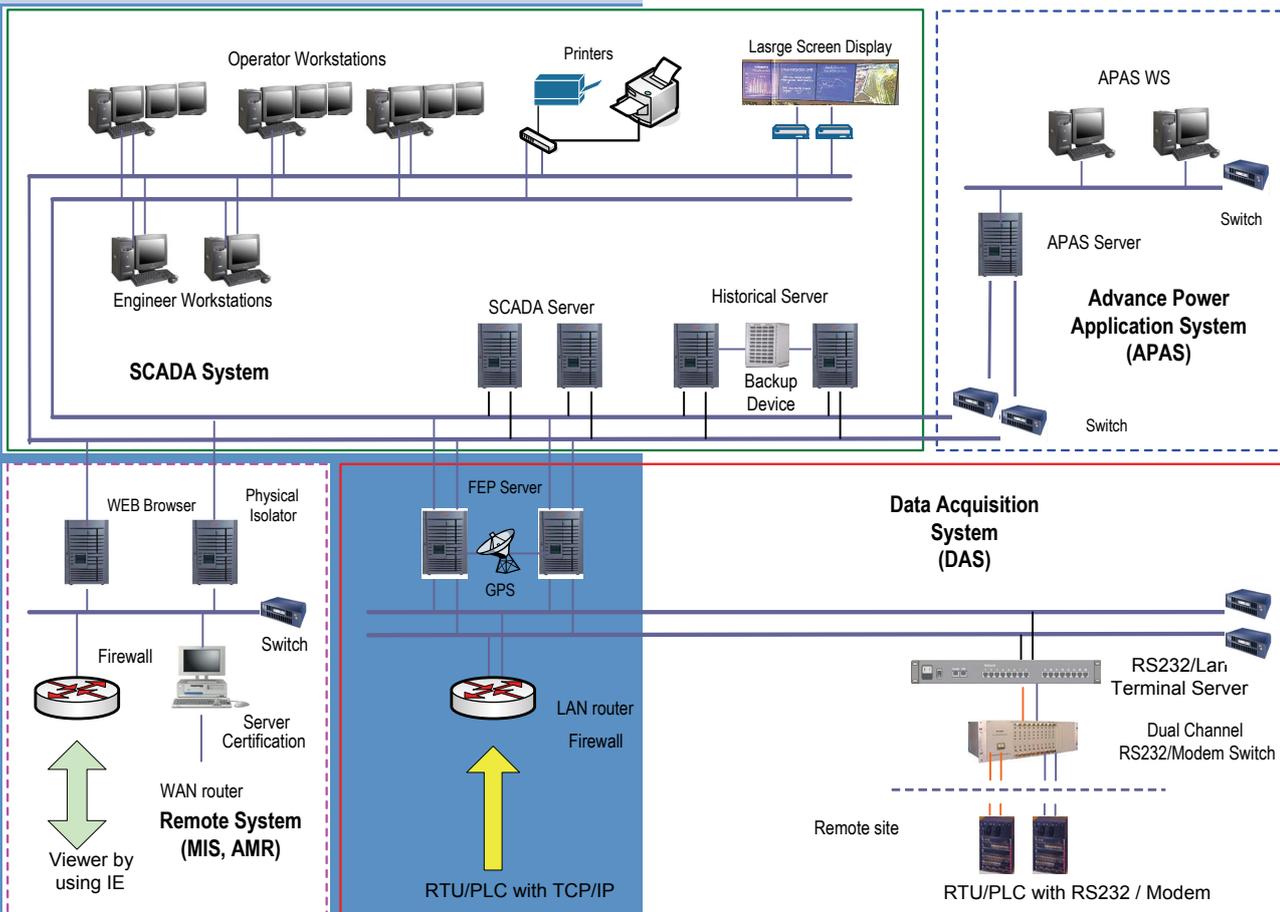


V-SCADA2000 Veesta SCADA Control System 2000 Product Series

Overview

V-SCADA2000 Series consist of many Supervisory Control And Data Acquisition system and advances system applications adopted for from very small system as like of production line automation and substation automation that can be used in small scale application up to very large system as regional dispatch center and area operating control center, as like of Power grid SCADA control center, Oil & Gas monitoring system Electric grid distribution control and other utilities like water and wastewater enhanced control function.



V-SCADA 2000

V-SCADA2000 Technical Characteristics

- Multi operating system platform
- Open-Type layered
- Object Oriented Technology
- Cross Platform hardware feature
- Powerful embedded Scripting language
- Providing as a second development system
- Distributed architecture
- Advance data transmission technology
- Reliable data processing system
- Universal interfaces
- Advanced Man-Machine Interface
- Safe Powerful World Wide Web Distribution
- System function parallelization
- Several Data source and Protocol type

Veesta World Co. has absorbed the latest domestic and foreign research results and drawn on the 10-years practical experience on automation monitoring system.

The successful development V-SCADA2000 SCADA system push us on the leading position both in product technology and after-sales services. Our products can hold the competitiveness even in comparison with the other similar products.

V-SCADA2000, in the power industry integrated with Power Application Systems (PAS) as well as Distribution Management System (DMS) and integrated with V-BPM.

In Power, Oil and Gas Industry

Data Acquisition Subsystem

Data acquisition subsystem consists of RTU/PLC communication front-end processor, channel interfaces and other auxiliary equipment. The front-end processor can be constructed by two sets of terminal Servers that back up each other, also can be constructed by two high performance computers. VSCADA2000 support various communication protocols, such as ModBus, IEC870-5-101,104, DNP3, ABB DCS, Hitachi, Indactic 2033, etc.

History Server Subsystem

This subsystem generally consists of two sets of identical servers that are in hotly backup mode and a history server formed in disk array. Commercial relational database such as Oracle, MySql can be installed in the history server to perform data storage, statistics and data inquiry. Its configuration has an important bearing on the performance of the whole subsystem.

SCADA Subsystem

This subsystem generally consists of two sets of identical servers that are in hotly backup mode. The servers are connected by dual Ethernet to jointly finish processing the real-time data and work of SCADA System. They undertake to write historical data and provide buffer area for the management of trending data. The two sets of servers can automatically (If there is a fault) switch or can be manually switched to avoid single point of failure.

Computer & Communication

This subsystem consists of access equipment to data network, including Ethernet switch, communication server, gateway machine, convergence router, physical isolation devices, communications software, various interface etc..

MMI Subsystem

MMI (Man Machine Interface) subsystem consists of MMI workstation, analogue screen (or screen-controlled machine, large- screen rear projection) and input and output equipment.

World Wide Web module

V-SCADA2000 automatically sends real-time data, historical data and graphics files to web server without manual operation and maintenance. Reverse isolation is used for communication from outside to inside and for sending planned values etc..

Clock Synchronization

A clock system GPS can be covered in this subsystem. Clock signal output is used to synchronize time with SCADA subsystem, therefore the accuracy of time in SCADA system can be ensured.

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