

PRS-7012PM CYG

General Application

The PRS-7012-PM Overseas version of protection information processing master system. This product is designed to collect and process the information of power grid protection action and operation status, and analyze the action behavior of the protection device in detail. can provide sufficient technical support for relay protection personnel, dispatching personnel and other personnel to quickly analyze and judge protection actions and behaviors and deal with power grid accidents.



❖ Main Diagram

Feature

Item	Parameter
System	a master station system composed of 1 to more servers.
Data and application servers	Serves as the data storage center and database server deployed in zones I and II
Data acquisition server	The front-end server that runs the communication process, accesses the scheduling data network directly, communicates with the access sub-stations and collects data master station system to facilitate data debugging by operation and maintenance personnel
Work station	The workstation is deployed outside the equipment room and connected to the master station system to facilitate data debugging by operation and maintenance personnel
Web publishing server	The server used to deploy the web publishing function in area III

Functions

Item	Description
panoramic monitoring	Displays all the collected information
intelligent inspection	divided into daily inspection function, professional inspection function and statistical view function according to function.
Real Time Communication	Up and down information communication during real-time communication
Accident Report	The accident report interface provides a summary display of accident reports
Management Center	the display of the ledger information of all devices in the plant
Statistical Query	The statistical query page contains two functional blocks: communication records and historical alerts

Hardware Configuration

Item	Description
Data acquisition server	Memory >64G, CPU performance not less than 56 cores (4 channels, 14 cores each), frequency not less than 2GHZ, hard disk >500G
Data and Application Server	Memory >128G, CPU performance not less than 56 cores (4 channels, 14 cores each), frequency not less than 2GHZ, hard disk >2T
work station	Memory >32G, CPU performance not less than 8 cores (2 channels, each with 4 cores), main frequency not less than 2GHZ, hard disk >500G
Web Publishing Server	Memory >64G, CPU performance not less than 56 cores (4 channels, 14 cores each), frequency not less than 2GHZ, hard disk >500G
forward isolation device	Gigabit forward isolation device
reverse isolation device	Gigabit reverse isolation device
switch	Gigabit switching equipment