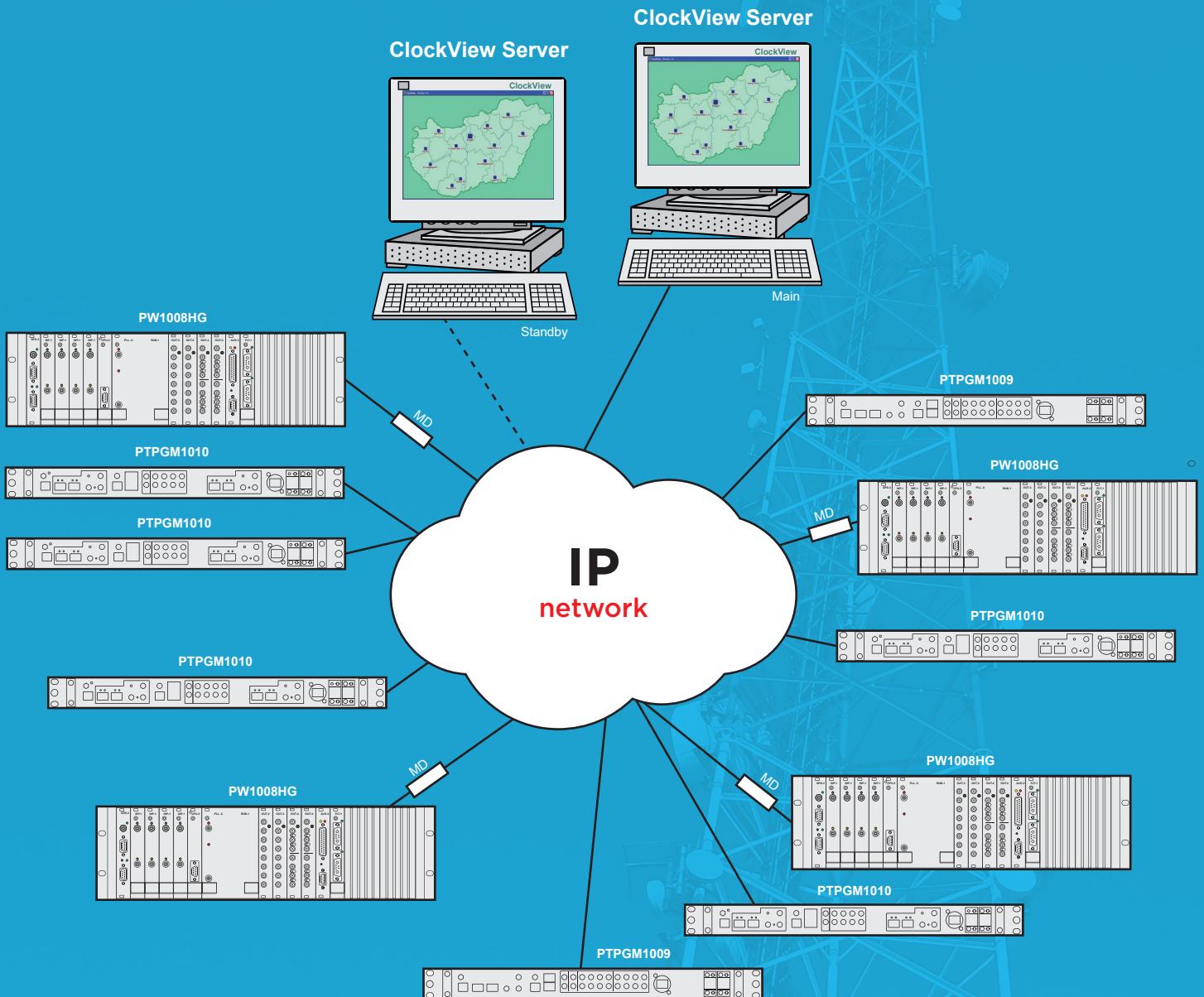


■ ClockView Management System



- Centralized management of synchronization network elements
- Configuration, fault, performance and security management
- Event and operator activity logging
- Screens are identical to equipment craft terminal display
- User friendly GUI

Each member of PW100X and PTPGM10XX product family can be managed via local terminal and from centralized network management. The user interface for parameter settings and controlling screens are identical in both cases that make the configuration settings the same from remote and local.

■ Network Element provisioning and configuration

Easily create network elements and groups

Use the same screens for configuration as for local management

■ NMS Dimensioning

Up to 100 Network elements

■ Fault management

Easy identification of faulty network elements

Collection of Equipment Alarms

Alarm Severity Configuration

Alarm logging

■ Performance Management

The quality indicator parameters are monitored at the network element level

■ Remote Configuration

Configuration management supports full remote configuration of all locally accessible element features.

■ Software Download

This management function supports software downloads to network elements and provide status reports of downloads.

■ Inventory

Inventory management functions support the maintenance of inventory of all installed network elements.

■ Events log

The system logs events, including system startup, shutdown, alerts, errors and user logon attempts.

■ Operating System

Windows 10 or Linux

■ Hardware requirements

Processor: 1GHz or faster processor or SoC

RAM: 4GB (64-bit operating system)

Hard disk space: 32GB for 64-bit operating system

Graphics card: Microsoft DirectX 9 graphics device with WDDM driver

Display resolution: min. 1024x768

Option: Installation on Virtual Machine

■ Remote access

Windows Remote Desktop, VNC, etc.

■ Northbound Interface (NBI)

SNMP Interface to umbrella management system

SNMP version: V2c

■ Database

MySQL

Manual or automatic database backup

Easy database backup/restore