

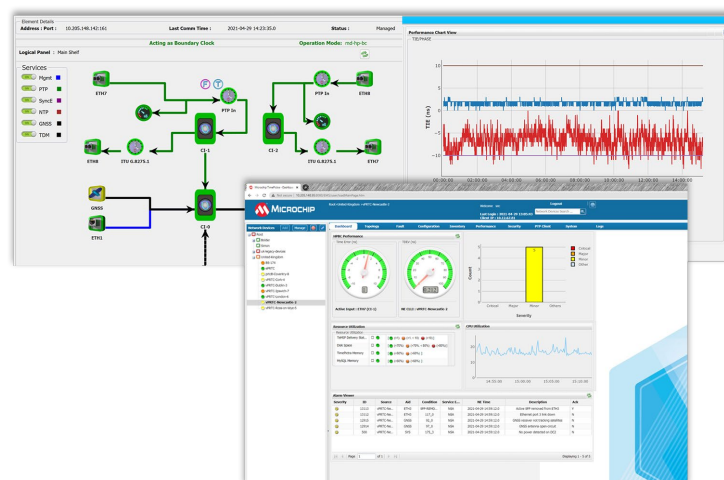
TimePictra® Synchronization Management System

Advanced Configuration Management

The Configuration Manager allows authorized users to access, manage and visualize in real time all network element data and configuration updates within one application. The Configuration Manager displays information graphically at the cluster, port, module and service levels. The TimePictra platform can also add or delete client clocks and monitor their status based on sync flow detection.

Key Features

- Management and monitoring of synchronization architectures for critical infrastructure operators
 - Web-based clustered server architecture
 - Comprehensive Fault, Configuration, Accounting (Inventory), Performance and Security (FCAPS) management functions
 - Geographical topology and domain navigation
 - User preference dashboard customization
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- Intuitive web GUI for easy management
 - Scalable architecture for future expansion
 - SNMP, TeMIP and REST API northbound OSS integration
 - Dynamic GUI visualization for PTP networks



TimePictra® Synchronization Management System

Use Cases



5G

5G networks are being deployed worldwide, but each network can only function with accurate and dependable time. Without accurate time, 5G networks may need to shut down.

The TimePictra platform provides all the features and functions needed to deploy, configure, manage, verify, visualize, and monitor a 5G network.



Power Utilities

Power is critical to infrastructure and the demands placed on power utilities are growing daily. Combining the TimePictra platform with virtual Primary Reference Time Clock (vPRTC) architectures provides accurate sub-microsecond time while drastically reducing GNSS dependence while managing, verifying, and monitoring such critical networks.



Transportation

Public transportation networks require high-accuracy timing and GNSS monitoring in many cases at their remote locations to ensure their other GNSS-dependent services continue to function. The TimePictra platform, vPRTC architecture and our BlueSky™ firewall deliver critical distribution and monitoring functions



Situational Awareness

Just as a network firewall detects and protects against network attacks, a GNSS firewall identifies jamming and spoofing threats and alerts critical infrastructure operators of untrusted sky-based signals. The TimePictra Synchronization and Management System provides full visibility into sky-based and network-based timing.