



Datasheet

Empirix MSP

Optimize data collection for a deeper understanding of customer, application and network issues

Next Generation, Multi-service Analysis

Improve service assurance and expand network analytics capabilities by collecting the widest possible data set with Empirix multi-service probes.

Empirix MSP products follow each session from end-to-end and capture all relevant application and network information for voice, video and data services simultaneously, regardless of service delivery method or network protocol. The information is fully correlated, enabling companies to drill into micro events or aggregate data for important Key Performance Indicator (KPI) and trend reporting. Companies rely on Empirix MSP products to:

- Understand true customer experience
- Effectively diagnose issues in complex, multi-service environments
- Power advanced analytics to make smarter decisions throughout the organization

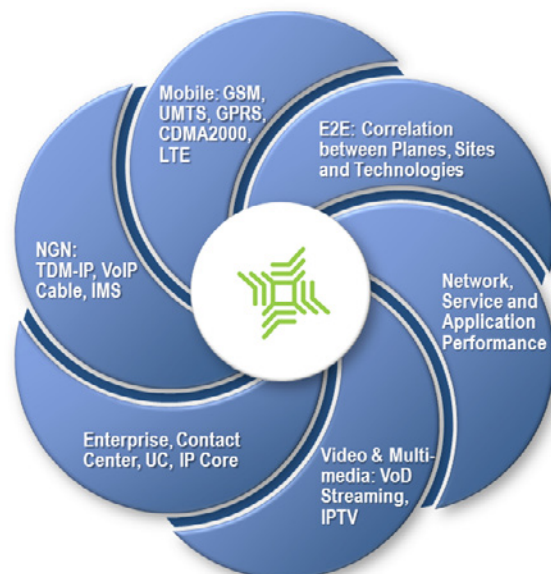
Flexibility Drives ROI

Empirix MSP products interface with monitoring points and capture data in a distributed system, thereby reducing the time, cost

and complexity of filtering, grouping, analyzing and aggregating results per site.

Moreover, Empirix probes manage legacy, IP, LTE, control and user plane analysis in a single solution, requiring only software licenses to add more protocols, services or capabilities. In this way, the Empirix analysis framework easily evolves as companies upgrade network capabilities, add new applications or include new services.

With Empirix, operators spend more time diagnosing issues and less time learning how to use tools.



End-to-end Visibility

Integrated analysis of voice, video and data services

Full correlation of user, transport, control and security plane data

End-to-end session analysis for a complete picture of how customers experience specific applications

Multi-protocol analyzer for mobile, IP and fixed line networks, from edge to core

More than 300 supported protocols and IP services

Scalable from enterprise environments to Tier 1 mobile data networks, all running the same software

Benefits

Generates rapid ROI

Provides greater insight into performance and customer experience

Easily accommodates new technologies

Enables rapid isolation and diagnosis of issues in complex environments

Supports network analytics for smarter decision making across the organization

Powerful Analysis from Edge to Core and Back

The Empirix MSP family can be deployed in any environment, ranging from enterprise branch office to Tier 1 mobile data networks. The products are fully compatible with Empirix E-XMS Service Assurance and Empirix xCentrix Analytics solutions. Empirix probes can monitor and analyze several services simultaneously, report directly to a unified management platform and share capture traces with all other probes.

Empirix MSP products support multiple measurement interfaces for Local and Wide Area Networks monitoring including LAN Fast and Giga Ethernet, 10 GE, SDH/STM1 and OC3/SONET, and PCM E1/T1/J1. The products have built-in hard disks for the storage of configuration information as well as data, reports and xDR recordings. External eSata disks or Storage Area Network solution can be added to extend data storage capacity.

Model	
Empirix MSP1000	1U platform Intel Xeon 5360 Quad Core Up to 8 GE/OC-3/STM-1 ports Up to 16 E1/T1 ports Up to 8TB of storage
Empirix MSP3000	3U platform 2 Intel Xeon 5650 – 12 Cores Up to 16 GE/OC-3/STM-1 ports Up to 32 E1/T1 ports Up to 32TB of storage
Empirix MSP4000	4U platform 2 Intel Xeon 5680 – 12 Cores Up to 20 GE/OC-3/STM-1 ports or 4 10GE ports Up to 96TB of storage with expansion option
Empirix MSP5000	5U platform 8 PowerPC cores per blade NEBS compliant Hardware based media processing Up to 40 GE or 4 10GE ports Up to 32 E1/T1/J1 ports Up to 16 OC3/STM-1 ports

For a complete list of offices worldwide, or to find an authorized distributor in your area, please visit: www.empirix.com/contactus.

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