

EPS Solutions

“Enhanced Professional Services” – Real world solutions, services and training



Network Infrastructure Design, Redesign and Implementation

A successful network implementation begins with proper assessment of your existing network infrastructure and its capabilities to support any new planned implementation. SYSTMS-NY can help you determine with great certainty if your network is truly ready for a new network technology or application. Our portfolio of assessments is designed to baseline your existing network and measure any gaps that might impede the success of the planned implementation. This also helps us with fixing your existing network environments to keep cost down and improve your network performance.

SYSTMS-NY provides a complete line of network assessment, design, implementation, and training services to build smart, flexible and scalable network infrastructures with the use of multiple heterogeneous environments to suit any need you have.

Our system integration services include:

- **Network Assessment** – evaluation of existing data network infrastructure (L2/L3), performance and capacity testing, and recommendations for any network upgrades or improvements needed to close the gap for a planned network/application implementation.
- **Network Security Vulnerability Assessment** – includes non-intrusive penetration testing from inside and outside the network perimeter for security vulnerabilities, evaluation of existing security practices and policy against industry and/or regulatory standards, and recommendations for any needed remediation.
- **Perimeter Network Design and Implementation** – Internet or network security breaches not only disrupt your daily business practices, they can also irreparably damage the integrity of your brand. Security technology is becoming increasingly more intricate—and increasingly critical. Our network engineers are also security consultants, they understand what it takes to design and implement secure connectivity to the Internet while maintaining high availability. We are experts in Intrusion detection & prevention, network firewalls, virtual private networks (VPN), and secure remote access services.
- **IP Telephony Assessment** – we provide two levels of evaluating IP Telephony readiness:
 - **IP RediCheck** – a “pass-fail” test that validates whether a network can adequately support toll-quality VoIP calls.
 - **IP Telephony Readiness Assessment** – evaluation of existing voice and data infrastructure, VoIP call quality testing, and recommendations for any needed remediation or upgrades in preparation for the planned IP Telephony implementation.
- **Wireless LAN Site Survey and Design** – determination of number of access points and optimal placement needed to deliver expected radio frequency coverage in a planned WLAN network; also detection of any rogue AP’s in the existing network.

SYSTMS-NY specializes in providing EPS Solutions for a variety of technology platforms. We employ today’s best-of-breed technologies and industry best practices to help our clients leverage and transform technology into a competitive advantage.