The Journey to an Optimized Infrastructure

The Infrastructure Optimization Assessment evaluates the current state of the IT infrastructure and operations to identify opportunities for optimization of the client data center infrastructure, including servers, storage and network.

The assessment utilizes virtual appliances to capture data over a 4 to 7 day period. Our data center specialists then evaluate your servers, storage and network infrastructure, including discovery of device inventory, analysis of configuration and performance issues, life cycle analysis, utilization of, and benchmark comparison to, industry standards.

Our data-driven assessment helps you rationalize improvements in your environment—near-term, mid-term and long-term. We provide unique insights regarding the people providing infrastructure support, the technologies deployed to enable support, and the processes that should provide the basis for standardization and availability.

Organizations typically pursue one or more of the most common use cases for an infrastructure assessment, including:

- **Cloud**  Understanding the utilization of current server workloads and the mapping of workloads to private or public cloud infrastructure.

- **Asset Discovery**  Understanding end of life assets, including server types and network devices, and those requiring security updates.

- **Consolidation**  The identification of server workloads that should be physically or virtually consolidated. Dependency mapping is conducted across servers, network and applications to identify infrastructure that can be consolidated into a data center.

- **Communication Readiness**  The evaluation of your current network infrastructure and its ability to support increased traffic. This covers the network path and payload simulation to determine if the network can support communication rollouts.

**Optimization Assessment Overview**

The Infrastructure Optimization Assessment utilizes simplified data gathering and reporting platforms coupled with Pomeroy wrap-around services to assess the client infrastructure. By providing common data collection and reporting tools, we can assess, remediate and optimize the current environment regardless of the mix of OEM products.
The assessment typically is conducted over several weeks and accomplished in three phases: Direction-setting; Assessment, Risk Analysis and Standards; and Optimization Roadmap and Next Steps, including formal management report-out presentation of key data, recommendations and action plan.

**Passive and Secure Data Collection**
The assessment does not require executables to be installed on any devices, but utilizes a virtual appliance for data collection. All data collected is encrypted, and will be destroyed after 90 days. This means there are minimal security or change concerns because data collection is quick and unobtrusive, without introduction of risk and complexity.

**Data Analysis and Reporting** Our SaaS analysis and reporting tool is intuitive and generates results within 24-48 for analysis by our data center specialists. Data is prepared in a report format that is easy to customize. The fast turnaround of data and automated reports means you receive the assessment results much faster than through conventional approaches.

**Holistic, Vendor-neutral Analysis** The evaluation covers your core network infrastructure, server, virtualization, communication, data center and cloud environments. Only one tool is required for clients running heterogeneous infrastructures. This simplified process speeds data collection and report generation on your network, server and virtualized infrastructure.

**Actionable Results and Benchmarks** Along with our practical recommendations, you gain significant insights from the visibility into the cause and effect of any network issues. While some organizations may run monitoring tools to identify problems, these tools typically cannot provide recommended actions to remediate them. In addition, you will know how your results compare among over 2,000 benchmarked organizations.

**Pomeroy Monitoring and Management Services**
The Infrastructure Optimization Assessment is part of our portfolio of Data Center Monitoring and Management services, including 24/7/365 support for your entire infrastructure across one or more geographically-dispersed locations. We maintain continuous watch over your IT environment, ensuring optimal performance and quick restoration of your critical technology resources—networks, mobile devices, servers, storage, security, databases and applications—all in real time.

Available through our U.S.-based Remote Monitoring and Management Centers, Pomeroy keeps your productivity high while delivering lower, more predictable costs.

For more information about the Infrastructure Optimization Assessment and all our Monitoring and Management services, contact your Pomeroy representative or visit www.pomeroy.com.