



IT CONSULTING HIGHLIGHTS

- Experienced third party analysis
- Experienced skill sets across multiple platforms
- On demand resources available 24x7x365
- Single source for end-to-end IT consulting needs
- Allows customers to focus on their core business
- Short and long-term technology road map & budget analysis

IT Consulting: Audit and Assessment

Critigen has earned solid, real world experience in IT consulting through its operation and maintenance of customers' IT infrastructures worldwide.

The company leverages this professional experience by providing a comprehensive audit and assessment of customers' IT operational usage, strengths and weaknesses. This process provides the ability to proactively plan for reductions in technology costs, increase reliability, scalability, security and system performance.

COMPONENTS

The **Technology Assessment** provides a snapshot of an organization's current IT systems and assets. The information serves as a starting point for developing an overall view of enterprise technology assets or for companies considering new IT initiatives.

Critigen technical staff identifies and documents current IT systems including major hardware, software and communication services. Upon completion, Critigen provides a network diagram; inventory of hardware, software and network services; and recommendations for tactical improvements.

The **Technology Audit** is ideal for organizations initiating long-term strategic plans, assessing IT issues or requiring a detailed inventory of IT assets. The audit provides a benchmark for on-going tracking and management of IT assets; as well as a detailed foundation for identifying current problems, improvement areas and future needs.

Critigen technical staff identifies and documents in detailed configurations of all current IT systems including major and minor hardware, software and communication services. Department heads are interviewed. System performance is measured including wide area and local area network utilization, security vulnerability and application utilization. The technology audit also includes a future performance check and review.

The **Technology Strategic Plan** is ideal for organizations utilizing outsourced IT services, as well as any company seeking an unbiased assessment and comprehensive IT strategy. This service provides a comprehensive two-year plan including a technology roadmap, staffing requirements and budget guidance.

Critigen technical staff identifies and documents in detailed configurations of all current IT systems including major and minor hardware, software and communication services. Department heads are interviewed and the end-user community is surveyed for issues and needs. System performance is measured including individual server systems, wide area and local area network utilization,

security vulnerability and application utilization. IT Support personnel skills are assessed and inventoried. The strategic technology plan also includes a future performance check and review of all measured systems.

TECHNOLOGY ASSESSMENT

Information Collected

- Number of computer servers and workstations
- Description of computers including CPU, memory, hard drive, manufacturer, model
- Major server and workstation software installed such as Microsoft Office, Web browsers, e-mail clients, AutoCAD, etc.
- Type of network connectivity including speed, manufacturer, topology, data layer
- Remote and Wide Area access including Internet, WAN and remote access
- Major application software and services such as Microsoft Exchange and other groupware, databases, major business applications
- Network technology layout

Key Deliverables

- Network layout diagram
- Spreadsheet of server and workstation data
- Spreadsheet of application software and services
- Proposed tactical improvements

TECNOLOGY AUDIT

Information Collected

- Number of computer servers, workstations and peripherals such as printers
- Detailed description of equipment including CPU, memory, hard drive, manufacturer, model, serial numbers, and model numbers
- All server and workstation software installed such as Microsoft Office, Web browsers, e-mail clients, AutoCAD, anti-virus, etc.
- Type of network connectivity including speed, manufacturer, topology, data layer, serial numbers, models numbers, equipment configurations, cabling plant
- Network protocol assessment (IP, IPX, NetBEUI)
- Remote and wide area access including Internet, WAN, remote access, security vulnerability, serial numbers, model numbers, equipment configurations
- Wide area network performance and utilization including routers and telephony
- Network services including Internet services such as Microsoft Exchange and other groupware, databases, major business applications, backup, anti-virus
- Major application software and service configurations
- Network technology layout

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Key Deliverables

- Executive summary
- Equipment audit database via attest systems-GASP system
- Network layout diagram
- Report of server, workstation and peripheral information
- Report of network data
- Report of application software and services
- Report of department head Interviews
- Network re-engineering recommendation
- Technology improvements recommendation
- Six month performance review and report

TECHNOLOGY STRATEGIC PLAN

Information Collected

- Number of computer servers, workstations and peripherals such as printers
- Detailed description of equipment including CPU, memory, hard drive, manufacturer, model, serial numbers, and model numbers
- All server and workstation software installed such as Microsoft Office, Web browsers, e-mail clients, AutoCAD, anti-virus, etc.
- Type of network connectivity including speed, manufacturer, topology, data layer, serial numbers, model numbers, equipment configurations, cabling plant
- Five day Local Area Network performance and utilization including monitoring of application bandwidth utilization and traffic
- Network protocol assessment (IP, IPX, NetBEUI)
- Remote and Wide Area access including Internet, WAN, remote access, security vulnerability, serial numbers, model numbers, equipment configurations
- Five day Wide Area Network performance and utilization including routers and telephony
- Network Services including Internet services, printing services, DNS, WINS, and DHCP
- All application software and services such as Microsoft Exchange and other groupware, databases, major business applications, backup, anti-virus
- Major application software and service configurations
- Network technology layout
- End-user interaction
- IT staff skill inventory and assessment

Key Deliverables

- Executive summary
- Equipment audit database via attest systems-GASP system
- Network layout diagram

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- Report of server, workstation and peripheral information
- Report of network data
- Report of application software and services
- Report of department head interviews
- Network re-engineering recommendation
- Technology improvements recommendations
- Staffing and training requirements
- Technology budget
- Timelines and project plans
- Six month performance review and report
- 24 month technology strategic roadmap

ABOUT CRITIGEN

Critigen has earned a solid reputation by operating and maintaining information technology infrastructures for clients worldwide.

The Critigen team of professionals helps clients reduce costs, while avoiding the costly investments related to purchasing, maintaining and upgrading IT capital investments.

By augmenting current IT resources with Critigen, clients reduce annual technology costs, while increasing reliability, scalability, security and system performance. Critigen handles every aspect of a customer's day-to-day IT functionality and plan for future evolution to help grow the business.

LET US KNOW. WE CAN HELP.

What are your barriers to modernizing critical infrastructure?

Visit us at critigen.com or call +1 303.706.0990.

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