

Network and Systems Discovery & Assessment

Strategic IT Consulting Services Overview

Integrated Business Solutions (Bahamas) Ltd.

www.IBSinternational.com

Overview

An IT Systems and Network Discovery and Assessment is a complex task for any business, especially for business that utilize various third party applications. The integration of these applications onto a cohesive client platform can provide various challenges due to the infinite number of application platforms and architectures. Providing these services in a secure, mission critical environment, such as with healthcare markets, exponentially increases the complexity since various operating systems, security paradigms and network communications protocols are not always compatible, the method of system integration is critical to the proper operation of the enterprise.

Integrated Business Solutions (Bahamas), Ltd (IBS) is uniquely positioned to provide Network & Systems Discovery and Assessment services for healthcare, manufacturing, banking, and other markets. IBS is a specialized information technology and software development company with existing strategic relationships with a network of professionals that have provided Healthcare Information Services (HIS) for companies such as American Express Health Services Group, First Data Corporation, HBO & Co. and McKesson.

Providing Network and Systems Discovery and Assessment service for a healthcare provider is a three-step process. Initially, a series of meetings is scheduled to determine the depth and breathe of the assessment being provided and clearly establishing the project's goals and objectives. During this phase, the resource requirements for the project are finalized and schedules are set.

The second phase of the project is where the technical assessment of the enterprise is performed. Below is an outline of the areas that will be investigated. If any additional requirements were outlined in Phase I, those activities will be integrated into task list and addressed accordingly.

The final phase of the Network & Systems Discovery and Assessment is to provide a written review of the assessment, describing the current state of the enterprise and providing recommendations for modifying or correcting and deficiencies discovered. Along with a written assessment, the results will be communicated verbally to the management team in charge of the assessment along with a question and answer session that will explain any and all items included in the assessment.

Network Discovery

- Network infrastructure Discovery & Assessment
 1. Physical layer
 2. Network topology
 3. Network hardware
 4. Local Area Network (LAN) configuration
 5. Wide Area Network (WAN) configuration
 6. Network Ingress & egress points

- High level network configuration Discovery & Assessment
 1. Networking protocols
 2. Network data flow analysis
 3. Network routing
 4. Required network services (name & address resolution)
 5. Optional network services (DHCP, Radius, etc..)
 6. Logical Network map
 7. Network security assessment
 8. Remote client access discovery
 9. Extranet access methodology
 10. Extranet security policies

- Network Operations Assessment
 1. Network staff and skills assessment
 2. Review of network departmental cross-training procedures
 3. Review of network operational & escalation procedures
 4. Review of network Disaster Recovery procedures
 5. Review of network security configuration and procedures
 6. Review of de-commissioned network hardware procedures

Systems Discoveries

- Systems inventory & discovery
 1. Logical description of enterprise and departmental systems
 2. Systems hardware inventory
 3. Systems O/S discovery
 4. Systems O/S configuration assessment
 5. Network O/S discovery
 6. Network O/S configuration assessment
 7. Systems low level software discovery and configuration
 8. Systems high level application discovery and configuration

- Client (workstation) inventory & discovery
 1. Client hardware inventory
 2. Client O/S discovery
 3. Client O/S configuration assessment
 4. Client applications configuration

- Systems Services Discovery
 1. Network based systems services discovery (printing, file sharing, etc.)
 2. Review of systems deployment architecture
 3. Discovery of mission critical enterprise applications
 4. Review of systems operational & maintenance procedures
 5. Review of Systems security configuration
 6. Review of systems security policy implementation
 7. Review of Systems Disaster Recovery processes

- Systems Operations Assessment
 1. Review of departmental organizational structure
 2. Systems staff and skills assessment
 3. Review of systems departmental cross-training procedures
 4. Review of Systems Disaster Recovery procedures
 5. Review of data archival and recovery procedures
 6. Review of Systems security procedures
 7. Review of de-commissioned systems hardware and software
 8. Software licensing and media storage procedures
 9. Review of user training procedures
 10. Review of user training and problem resolution procedures

COMPANY PROFILE

Integrated Business Solutions (Bahamas) Ltd. is an international software development and consulting services company. IBS leverages the experience, expertise and resources of its internal and external strategic teams of engineering, software development and Information Technology professionals to address emerging software development, systems integration and information technology opportunities in The Bahamas, The Caribbean, North America, and Europe.

IBS is the high-value alternative for every company that needs high quality, within budget, and functional software development and consulting services. At IBS (Bahamas) Ltd. we consider ourselves extensions of our client's businesses, and demonstrate our commitment to their success by providing continued support services for all of the solutions we develop.

Company's Mission: At IBS, we focus on leveraging our many years of software development and consulting services experience to deliver superb, custom-fit software applications and solutions to solve business problems for each of our clients.

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