

*I know there are weaknesses in my network infrastructure. How do I find them?*

**Ask about Accudata Systems' Security Assessments.**



## **A Major Texas Energy Production Company**

### **Situation**

A major, Texas based energy production company was facing strict regulatory requirements and wished to institute greater due diligence. Aware that frequent assessment of an organization's network and systems security can be an effective way to prevent malicious intrusions and their destructive impact (such as self-propagating worms, viruses and intruders), it recently requested the performance of a vulnerability assessment by Accudata Systems.

### **Solution**

Accudata Systems performed a complete **Network Vulnerability Assessment** for the company, evaluating more than 20,000 workstations and 2,000 servers for network and systems vulnerabilities. Additionally, Accudata Systems reviewed 105 floors across 7 buildings for rogue and insecure wireless networking devices as well as more than 25,000 phone numbers for rogue and insecure modems.

From the Network Vulnerability Assessment report, the company gained in-depth knowledge of its network vulnerabilities and associated security risks. The assessment included a thorough analysis of each vulnerability and made recommendations for remediation. The company received the business and technical data necessary to determine remediation priorities and budget requirements.

### **Resolution**

Accudata Systems presented the Network Vulnerability Assessment findings to a newly created security committee, composed of technical and business representatives from the company. The remediation recommendations could then be integrated into a corporate-wide plan for correction, followed by updates to procedural and operational practices. Due to remediation efforts and practice updates, the company expects to see a 90% reduction in systems vulnerabilities.

## **A Major Financial Processing Company**

### **Situation**

After several years of double-digit growth, a major financial processing company was encountering issues with network reliability, which it suspected was a result of this growth. As the company prepared to roll out a new ERP system, it was concerned with potentially aggravating an already strained network infrastructure. The company sought an outside firm to assess its infrastructure and recommend changes to its network, especially in light of future growth plans and the planned ERP rollout.

### **Solution**

The company hired Accudata Systems to perform a **Network Infrastructure Assessment**, an examination of its network with a standardized assessment methodology using both metric-based analysis and subjective analysis of predefined aspects of the network. This assessment included onsite gathering of network data and offsite analysis of the data. The assessment report provided the current status of each aspect, a technical analysis of the current status, and recommendations for improvement for that aspect.

### **Result**

After reviewing the data provided by the assessment report, the company could create a program to address the issues discovered. Based on the metrics provided in the assessment, the company could easily prioritize which aspect to address first in order to realize the most "bang for buck" when creating its improvement program. Another benefit the company realized was that through the baseline created by the assessment, it now had a good foundation to gauge the impact of its proposed ERP implementations and move forward with confidence that the network would be able to sustain the implementation.

