



## ACCUDATA SYSTEMS<sup>SM</sup> NETWORK HEALTH CHECKS<sup>SM</sup>

### SECURITY PATCH LEVELS HEALTH CHECK

One of the most critical and challenging aspects of today's networked computing environments is ensuring that all network services are functioning optimally. The Accudata Systems **Network Health Checks** proactively examine your network resources to determine the health of your environment and that all resources are readily **available** and **performing** as expected.

#### **Why should you perform a Security Patch Levels Health Check?**

Successful information security demands a secure network, and threats to networked systems have never been greater than they are today. As fast as vulnerabilities are discovered, their exploitation is reported. Protecting yourself from these threats requires properly configured systems, using the latest software, and ensuring that the recommended hot fixes and patches are installed.

The diligent review and application of the latest security patches will help prevent your systems from becoming susceptible to auto-propagating worms, viruses, or malicious attacks. A patch management process will give your organizations control over the deployment and maintenance of interim software releases. It helps to maintain operational efficiency and effectiveness, overcome security vulnerabilities, and maintain stability of the IT environment.

The consequences of failing to implement comprehensive patch review and management can be severe. Mission critical systems can fail and security sensitive systems can be maliciously exploited, potentially leading to a loss of time and subsequent business revenue.

A well-defined patch management program is a key element in successful information security, regardless of any controls over physical access to your systems.

#### **The Security Patch Levels Health Check**

Using software tools and other detection methods, the Accudata Systems **Security Patch Levels Health Check** evaluates your server operating systems and applications to ensure that proper, up-to-date security patches are installed and maintained. After your network is evaluated, the findings are utilized to construct appropriate processes that will sustain an ongoing patch management initiative. The net result of the health check is better knowledge and control of your current security levels and the implementation of an ongoing security patch update process.

This health check covers the following areas:

- Documentation of servers noting OS and applications installed
- Generation of current patch level reports
- Download and installation of applicable patches
- Monitoring of systems and applications for adverse effects

At the end of the **Security Patch Levels Health Check**, Accudata Systems will present a complete report of its findings, grading you on the aspects we examined during the health check. This report will point out where you are meeting your objectives and where you are deficient. It will also list recommendations to bring any deficiencies into alignment with your goals.



Analysis and recommendations are based upon vendor and industry standards, Accudata Systems' best practices, as well as manufacturer recommendations.

**Each Health Check Customized to Your Specific Needs**

The Accudata Systems **Security Patch Levels Health Check** is designed provide **maximum** value with a **minimum** investment of time and money.

Depending on the size and complexity of your network, the Security Patch Levels Health Check requires between 2 to 5 days of services. Accudata Systems will provide a detailed Scope of Work, which will outline estimated cost and timeframe based on your specific needs and requirements.

Calculated on a per-server basis (overtime may be required), use the following matrix to estimate the number of hours necessary to discover and patch your systems.

**Estimated Hours per Server**

|                 | Simple | Standard | Complex |
|-----------------|--------|----------|---------|
| Windows NT/2000 | 2      | 3        | 4       |
| Solaris         | 3      | 4        | 5       |
| Linux           | 4      | 5        | 8       |
| Appliances      | 2      | 2        | 3       |

**For More Information**

Get more information on the **Security Patch Levels Health Check** by contacting your Accudata Systems account manager.