



ACCUDATA SYSTEMSSM **NETWORK HEALTH CHECKS**

WIRELESS ACCESS POINTS 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 Wireless Access Points Health Check?

Wireless access to your network offers many conveniences – the freedom to roam, the quick deployment of devices, and great device flexibility.

But wireless access also poses a significant risk to your IT environment. This capability allows hackers to place rogue wireless devices on your network by installing their own wireless access points. Unnoticed by your IT staff, these access points permit unchecked entry into your network and potentially the information that resides there.

The Accudata Systems **Wireless Access Points Health Check** performs a discovery and review of the security settings on wireless devices in your environment. High-gain antennas and scanning software are used to discover any existing or rogue wireless devices and their access points, providing your organization the information necessary to mitigate the security risks that they pose.

The Wireless Access Points Health Check

The **Wireless Access Points Health Check** involves performing a physical site survey at your facility using wireless scanning tools. Accudata Systems scans each building's external perimeter and interior spaces for wireless access points. GPS coordinates are used to document the locations of externally discovered access points in their identified buildings. Internally discovered access points are also mapped on a digitized floor plan of each building.

The **Wireless Access Points Health Check** includes:

- Obtain general campus and building floor plans.
- Document the placement of known access points.
- Document the configuration policy of access points.
- Walk each floor of each building and document discovered access points using handheld wireless scanners.
- Discover if rogue access devices are present.
- Document findings and make recommendations for access point controls, encryption, authentication, deployment policies, and signal strength.
- Review wireless network design.
- Confirm compliance with wireless access best practices.

Wireless Access Points Health Check Deliverables

As part of the **Wireless Access Points Health Check**, Accudata Systems provides documented recommendations for both corrective and preventive measures to control wireless access in your environment, including cost vs. benefit metrics for calculating justification factors. Documentation includes all access point locations, manufacturers, signal strength, encryption, authentication



methods, and code revisions. We also provide recommendations for greater wireless security controls and access restrictions.

Each Health Check Customized to Your Specific Needs

Depending on the size and complexity of your network, the **Wireless Access Points Health Check** requires between 2 and 5 days of services. Before beginning the health check, Accudata Systems provides a detailed Scope of Work estimate, which outlines the costs and timeframe of performing the health check based on your specific needs and requirements.

All documentation for the **Wireless Access Points Health Check** is delivered and reviewed in person. Electronic PDF copies of documentation are provided upon request.

For More Information

For more information on the **Wireless Access Points Health Check**, please contact your Accudata Systems account manager.