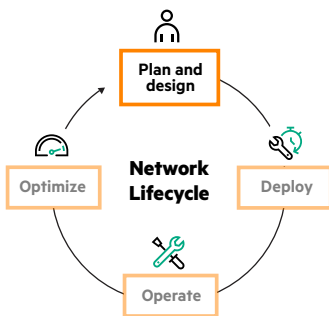


Planning & Design Services



Are you looking for a network infrastructure that can handle the demands of your growing business? Look no further! Our network planning and design services offer tailored solutions to optimize your connectivity, boost efficiency, and propel your organization to new heights.

[Network Design](#) | [Wireless Surveys](#) | [Network Health Check](#)

Our global team of network architects and engineers possess extensive experience in designing, assessing, and implementing cutting-edge networks for a wide range of industries. Whether you are a small business, a large enterprise, or anything in between, we have the expertise to deliver solutions that drive your organization forward. Embrace the power of a well-designed, secure, and scalable network infrastructure with HPE Aruba Networking services.

Benefits of network design:

- Minimize disruption and maximizes productivity
- Ensure scalability and flexibility
- Increase efficiency and productivity through optimized network performance

Network Design

HPE Aruba Networking experts understand that every organization has unique requirements. We work closely with you to design a tailored solution that aligns perfectly with your goals and objectives. Our engineers ensure that your new network seamlessly integrates with your existing IT infrastructure, and is scalable to accommodate increased workloads, additional users, and emerging technologies without compromising performance or security.

Typical engagements include requirements definition, high-level design, low-level design, validation testing, and project management support. Technical program management is also available as part of our subscription-based optimization services.

Solution brief

Benefits of predictive wireless surveys:

- **Cost-effective:** As a simulation, it doesn't require physical hardware, making it more economical
- **Time-efficient:** It can be done remotely, saving time compared to on-site surveys
- **Planning:** It helps network designers and administrators plan the deployment strategy more effectively

Benefits of passive wireless surveys:

- **Real-world data:** Provides accurate and real-time information about the wireless network's performance in the specific environment
- **Troubleshooting:** Helps identify dead zones, interference sources, and other issues that may not have been apparent during the planning phase
- **Validation:** Verifies whether actual network performance aligns with initial predictions from the predictive survey

Benefits of Network Health Checks:

- Learn how to optimize HPE Aruba Networking technologies
- Gain insights to improve your network experience
- Identify network readiness to support new business applications
- Manage potential issues before they impact your business

Make the right purchase decision.
Contact our presales specialists.



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Wireless Survey

HPE Aruba Networking offers two types of wireless surveys to assess and optimize the performance of wireless networks – remote predictive and passive. Wireless surveys help to ensure HPE Aruba Networking wireless solutions are implemented properly.

The predictive WLAN survey is conducted remotely prior to the installation of HPE Aruba Networking access points (APs). We utilize industry-standard software to simulate and model the wireless environment based on the building's layout, materials, and other factors that may affect wireless signal propagation. The software accounts for various parameters, such as the placement of APs, power levels, and antenna types, to generate a predictive coverage map of the expected wireless signal strength and coverage.

Deliverables typically include predictive WLAN design heatmaps for the new AP deployment and AP placement maps to include the recommended quantity of APs.

Our passive wireless survey is conducted on-site after the wireless network has been installed and is operational. HPE Aruba Networking leverages specialized survey tools and software to measure the actual wireless signal strength and performance in various areas of the facility.

Passive survey deliverables include documenting existing coverage areas, proposal for AP placements to meet your network and business requirements, and providing a list of mounting requirements including power, mounting hardware, and wired backhaul connectivity.

Network Health Check

Your network must be in constant good health to ensure its high availability, security, and optimal performance. Yet assessing its health and understanding the complex factors that can cause slowdowns and outages can be a full-time job and constant distraction for your IT team. Get ahead of your network with a Network Health Check from HPE Services- Aruba Networking, saving IT staff time and ensuring your wired, wireless, and ClearPass deployments are working at their best.

Our Network Health Check provides you with the information and expert guidance you need to focus your actions where they matter most. Use the health check report findings to identify weak points and to focus your IT team on best practice recommendations for your next-step actions. Discuss your report findings with our product experts who can point your team in the right direction with less effort.

Network Health Check resources

- [Network Health Check Service Brief](#)
- [Network Health Check Service Description](#)

Visit [ArubaNetworks.com](https://www.arubanetworks.com)



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