# Avocent® Network Connectivity Service

## Streamline provisioning and data center management with comprehensive network connectivity data

**Infrastructure Management & Monitoring** for *Business-Critical Continuity™*

**The Avocent Network Connectivity Service provides an ideal solution for rapidly capturing a complete and accurate picture of your network infrastructure.**

### Key Benefits

- Eliminate the time and costs for manually collecting network infrastructure data
- Gain reliable visibility into available racks, power and ports to streamline provisioning
- Improve service delivery by proactively alerting affected parties when maintenance is scheduled or unexpected network outages occur
- Improve data center management with expert advice on infrastructure management best practices such as naming conventions and managing multiple networking relationships

The importance of corporate networks is increasing every day. Efficiently provisioning equipment and running applications require an accurate understanding of the thousands of network connections in today's complex data centers. Without reliable data, provisioning can take weeks with repeated trips to the floor only to discover insufficient space, power or ports.

However, mapping thousands of network connections is a time-consuming business that few data centers can afford. With the Avocent Network Connectivity Service, you gain a fast, cost-effective solution for populating your Aperture™ Infrastructure Process Manager or Avocent Data Center Planner™ solution with comprehensive networking information. As a result, you can easily trace network connections to see the impact of a change on any network device.

Whether you are implementing a new data center or want to capture network information for existing facilities, the Avocent Network Connectivity Service delivers a complete, accurate picture of your network infrastructure.

With the Avocent Network Connectivity Service, you can:

- Reduce provisioning time and costs. Provision network connections as part of a device request and have your Aperture or Data Center Planner solution identify cabinets with available ports during the request. This eliminates multiple trips to the data center floor to find out if space, power and ports are available to support a planned installation.
- Proactively manage outages and maintenance. Easily trace network connections to rapidly identify all the devices and applications connected to a specific switch so that you can quickly alert affected organizations when outages occur or maintenance is scheduled.
- Enhance planning. Assign future use to currently unused cabinets to ensure space, power and ports are available when needed and help executives better understand current data center use and upcoming needs.

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## Rely on the Avocent Experts to Rapidly Map Network Connectivity Data

The Avocent Network Connectivity Service is delivered by our experienced Professional Services team who are uniquely qualified to map network connectivity in large data centers. Using proven mathematical modeling, on-site Avocent consulting engineers will quickly capture an accurate model of your connectivity infrastructure at a fraction of the time and cost that would be required for manually collecting data.

Avocent delivers its Network Connectivity Service using a well-honed, best practices process as follows:

- An on-site collection team defines the network connections for each device type; captures any existing data; graphically models port connections, relationships to devices and connection paths; and reviews the information with your staff to confirm the accuracy of the data.
- The team uses a data collection spreadsheet to automatically populate your Aperture or Data Center Planner solution with the information, including a rack and device infrastructure inventory, power strip inventory, connection data and storage infrastructure connection information.
- The consulting engineers can also help you enhance the management of your data center by guiding you through such intricacies as rational naming conventions and managing one-to-many network relationships.
- The Avocent team works closely with your staff through multiple iterations to refine and correct the data so that your Aperture or Data Center Planner solution correctly recognizes all connections, providing you with a reliable, accurate single source of information that streamlines the provisioning process and enhances data center planning and management.

In addition to the Network Connectivity Service, Avocent Professional Services is ready to help you get the most from your IT infrastructure management investments with programs that can assist you through any phase of your IT lifecycle, from planning to implementation.

For more information and to order the Avocent Network Connectivity Service, please contact your local Avocent representative or visit us at **www. avocent.com/services.**

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