

## Network Audits

Regular monitoring of all relevant network parameters is critical to maintaining the long-term efficiency of a network. The network audits from the Belden Competence Center are the process of evaluating existing assets, data traffic and network performance, in order to create an understanding of the real network status.

### The key issues

Constant network supervision and support are imperative to resolve critical situations. Even more important, and more cost effective, is to not let such situations arise.

The regular monitoring of all relevant performance parameters facilitates effective prevention. These parameters provide answers to fundamental questions: does the usage still match the criteria for which the network was originally designed? What faults occur, and why? Are there bottlenecks, is there a need for expansion or replacement? Which assets comprise the network? The sooner you know the answer, the better.

### Which advantages you should exploit

You can also completely rely on the Belden Competence Center team for prevention, in the same way as for fault diagnostics and rectification. The Network Asset Audit will give you detailed information about how your network is constructed and which devices are connected to it. The Network Health Audit will help to protect your network against loss of performance and downtimes.

What we do for you	
<p><b>Network Asset Audit</b></p> <ul style="list-style-type: none"> <li>• General           <ul style="list-style-type: none"> <li>• Discover the network infrastructure and end device</li> <li>• Determine the type of devices</li> </ul> </li> <li>• GarrettCom™, Hirschmann™ and Tofino™           <ul style="list-style-type: none"> <li>• Visualize Network Topology</li> <li>• Determine general device information</li> <li>• Ascertain configuration</li> </ul> </li> <li>• Documentation           <ul style="list-style-type: none"> <li>• Topology map</li> <li>• Asset report</li> <li>• Device configurations</li> </ul> </li> </ul>	<p><b>Network Health Audit</b></p> <ul style="list-style-type: none"> <li>• General           <ul style="list-style-type: none"> <li>• Evaluation of network performance and data traffic</li> <li>• Analysis of the network capacity</li> </ul> </li> <li>• GarrettCom™, Hirschmann™ and Tofino™           <ul style="list-style-type: none"> <li>• Determine of the current status of network components</li> <li>• Analysis of alarms and errors</li> <li>• Configuration check</li> <li>• Baseline the network performance</li> <li>• Remote monitoring of manageable systems</li> </ul> </li> <li>• Documentation           <ul style="list-style-type: none"> <li>• Test procedure</li> <li>• Recommendations for optimization</li> </ul> </li> </ul>

