



Data Center Cabling Audits

Audits that work for you

As a part of our Data Center Services offering, the Siemon team provides free in-depth Data Center Cabling Audits for your Layer 1 (cabling infrastructure) components.

These on-site reviews are designed to provide you with comprehensive analysis of your current cabling infrastructure strategies, as well as suggestions from our expert technical services team for potential improvements that can be made, all summarized in an easy-to-follow report and de-brief.

This actionable insight will give your organization clarity that your data center environments meet all current cabling standards and codes, highlights any potential design improvements you could utilize following current industry best practice approaches and as a result identifies any savings you can achieve on space, power and material costs.

The result is third-party validation that your cabling infrastructure is ready to support your needs today while also having the performance, resilience and scalability options you need to support whatever comes tomorrow.

Who is this service a good fit for?

Our specialist technical services team bring with them many years of experience in data center design and industry standards knowledge. As a result, they are perfectly placed to tailor this service for any type and scale of data center environment, so whether your environment is on-prem, cloud, colo or part of a hybrid approach we can support you.

How do we do it?

We keep it very simple. Working collaboratively with your teams we will tailor the audit to match your needs and desired outcomes. Essentially though, we follow these steps:

1

We have an initial discovery session (online or in-person) with your team to discuss your requirements and what you would/wouldn't like us to look at, we will then define the scope of the project and timeframes.



2

Once approved, we come on-site and walk the physical space with your team and ask a comprehensive set of questions to review and understand your infrastructure.



3

Finally, we'll deliver to you a comprehensive report which distils the whole process as well as our findings and recommendations.

What is included in the DC Cabling Audit?

- The copper and fiber cabling installed
- The status/usage of High Speed Interconnects
- Your on-site installation techniques
- The types of cabinet(s), security and safety requirements in place
- The grounding of cabinet and containment systems
- Your cable management and routing pathways
- The electrical segregation and separation
- Your field testing methodologies

What isn't included?

- Your physical security
- The main power distribution and resiliency
- Your non-layer 1 network equipment
- Your primary main telco/ISP carrier networks and resiliency
- The thermal performance and efficiency of your site

► Does it sound like a good fit?

Great! Our teams are ready to support you. To book your free Data Center Cabling Audit please contact your local Siemon representative.

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

North America
P: (1) 860 945 4200

Asia Pacific
P: (61) 2 8977 7500

Latin America
P: (571) 657 1950/51/52

Europe
P: (44) 0 1932 571771

China
P: (86) 21 5385 0303

India, Middle East & Africa
P: (971) 4 3689743

Siemon Interconnect Solutions
P: (1) 860 945 4213
www.siemon.com/SIS

Mexico
P: (521) 556 387 7708/09/10

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