



DATA SPEED CONTROL GMBH

Get the most out of your Data Center

There is more about Cabling

There is a lot more to cabling system performance than just buying good quality cable and connecting hardware. In order to ensure full bandwidth potential to keep sustainability and reliability, a structured cabling system needs to be properly designed, installed and administered. From time to time it is essential to proceed with a health check to avoid any potential risk and issues.

The Challenge

By getting rougher and faster, expectant, competitive, professional and efficient design of business processes for companies in all sectors is a crucial economic and competitive factor. The Data Center in this case plays a central role: you must always work correctly with the highest reliability and availability.

Through the constant and increasingly rapid developments in the Data Center, a future-proof, flexible and expressive stable cabling system (with reproducible measurement and characteristics) is absolutely necessary. Exclusively excellent components are suitable

for these tasks. This excellence is not always recognizable at first glance - functionally seemingly identical components are significantly different at the highest levels of requirements from each other.

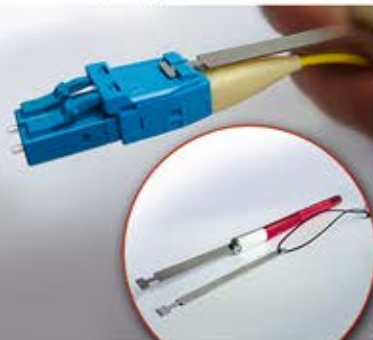
Expertise and Experience

We offer many years of experience in the assets and liabilities in the enterprise Data Center environment. For years, we have been dealing with the planning of complex Storage Area Networks "SAN" and the installation and documentation of passive infrastructure in major European Data Centers.



Standards and Objectives

The driving force behind most Data Center designs is cost, but increasingly enterprises are taking the focus off the cost factor and instead view it as an essential investment. Flexibility is key to designing a Data Center. Revenue is also valuable, particularly if clients have to wait hours, days, or even weeks for Data Center equipment to be up and running. Understanding the Data Center standards, identifying cabling objectives, and choosing the right components will ensure reliable performance and operation. It is a decision that can save time, money, and frustration.



CABLING

Our Range of Services

✓ Planning and Design



- Fault-tolerant data networks
- Cable Management
- Structured cabling systems with ceramic components in mating area
- Rack solutions including clear passage enclosures
- Data Center documentation (in own or custom documentation tool)

✓ Care and Sustainability



- Installation
- Installation work of trunk, multijumper and jumper cables
- Rack solutions including clear passage enclosures
- Moving / De-installation
- Server, switch and storage systems
- Passive Data Center infrastructure measurements
- Fibre performance measurement (Protocols)
- Fiber OTDR / reflection measurement
- Logging your liabilities Fibre infrastructure to currently

40Gb / Ethernet (4 * 10 Gb) or future 100Gb / Ethernet (4 * 25 Gb) and 08/10/16 Gb / Fibre Channel data rate

✓ Extras, Analysis and More



- Error analysis
- "Tracking" of connection problems in your passive infrastructure
- Identify solutions to infrastructure
- Documentation Software (input or recording your "IS" condition)
- Staff training for the maintenance and care of the software

Cabling infrastructure Requirement Definition

Through the Cabling Requirement Definition Service, we collect and analyze data upon your request and provide a detailed and comprehensive picture of the current IT infrastructure. We compare it against best practices to lay the foundation for planning and designing future IT capabilities.

This is the foundation to offer solid recommendations that address your biggest concerns considering cabling systems challenges and matters beyond.



Take the Next Steps

Our Cabling Service offering can form an integral part of your enterprise Data Center strategy. Learn more about how it can improve efficiencies, sustainability and availability in your organization, please contact your Hitachi Data Systems representative or partner, or visit us at www.my-hds.ch.



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