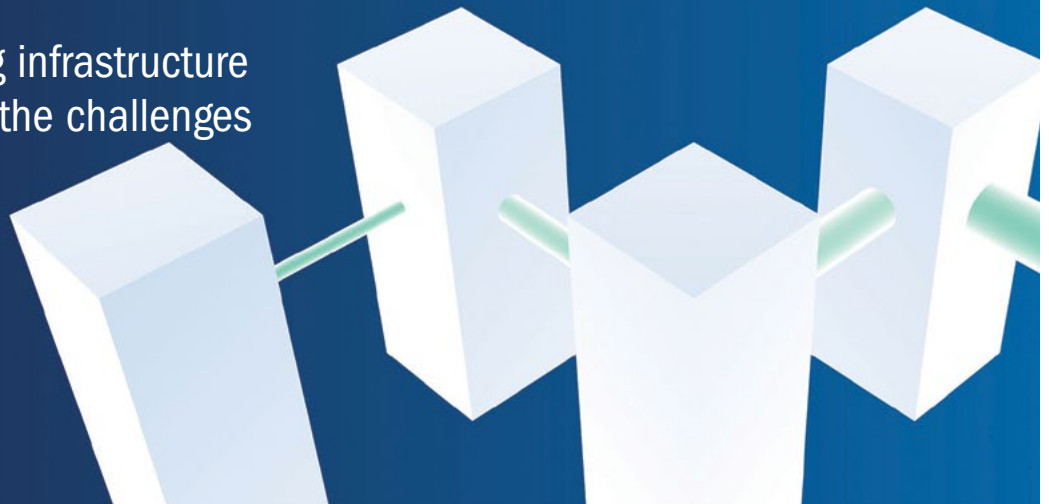


Is your physical cabling infrastructure designed to withstand the challenges of constant change?

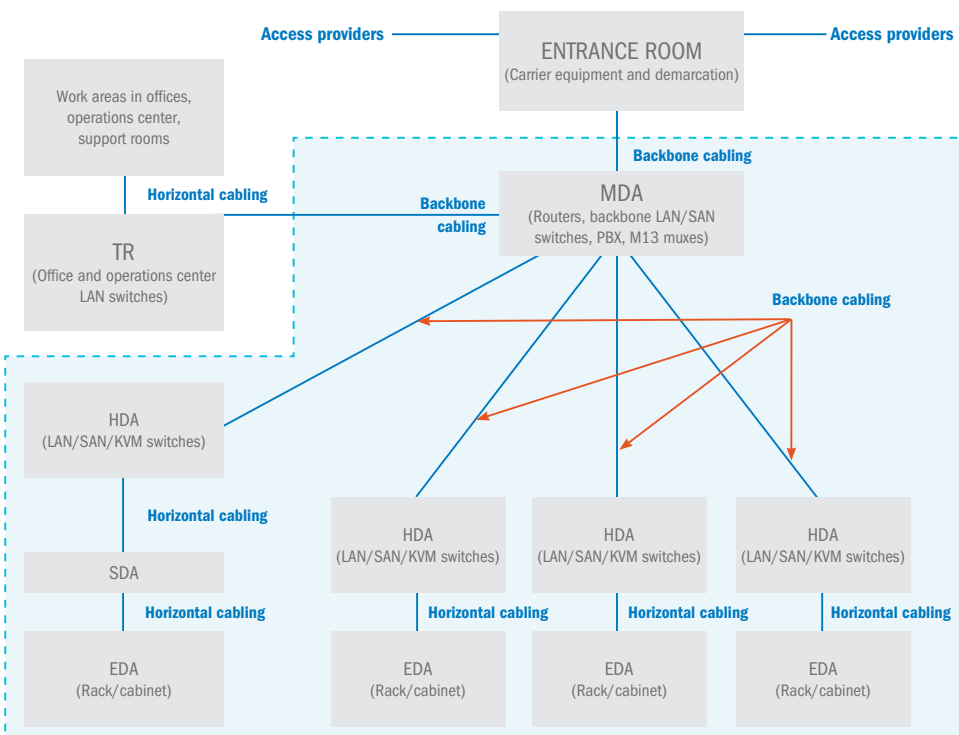


## DATA CENTER NETWORK MIGRATION

Server and network hardware technologies are continually evolving due to increasing bandwidth requirements. Your fiber and copper cabling architecture is required to become more versatile to compensate for multiple migration paths, which include 10, 40 and 100 Gigabit data rates.

Regularly ripping and replacing cabling infrastructure increases capital expenditure (CAPEX) and, ultimately, operational expense (OPEX). Product, architecture and performance selection are critical in avoiding unnecessary costs.

### COMMON DATA CENTER TOPOLOGY



Basic data center cabling topology (see reference guide)

### WHAT WE HEAR

Challenges from the various data center stakeholders are:



**AMORTIZATION** of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



**SPEED** of deployment



Pace of **INNOVATION**, adoption

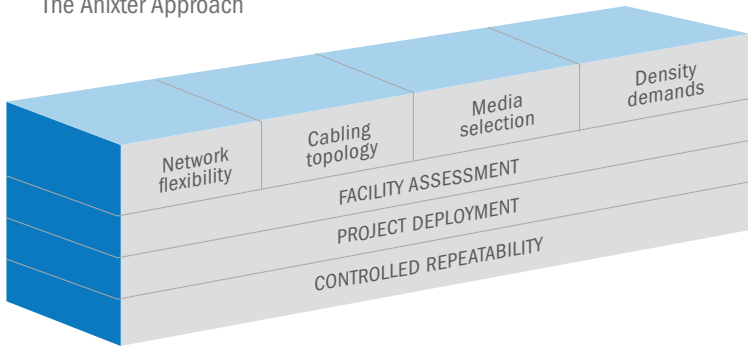
**Data center infrastructure lifetime and network interoperability** becomes significantly compromised when data center deployments neglect the importance of cabling system design.

**Infrastructure as a Platform**  
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

### HIGH-PERFORMANCE STRUCTURED CABLING

The Anixter Approach



Anixter understands that in order to achieve a high-performance, future-ready structured cabling system one needs to consider the right combination of network architecture, performance, distance and density requirements to form the right solution. Our approach solves that puzzle.

- **Network flexibility**

Apply designs to accommodate your performance requirements and highly scalable network architecture demands.

- **Cabling topology**

Determine the right choice for your computing requirements with careful consideration for EoR, MoR or ToR cabling architectures.

- **Media selection**

Choose the appropriate cabling media from twisted pair, optical fiber and direct attached to address high-speed bandwidth requirements.

- **Density demands**

Deploy scalable designs that accommodate for uncertain density requirements.

### PRODUCT AND DEPLOYMENT SOLUTIONS

With our alliance and integrator partners

- Copper and fiber cabling infrastructure
- Vertical and horizontal cable management
- Copper and fiber patch panels
- Copper and fiber patch cords
- Preterminated fiber trunk cables
- Infrastructure certification testing equipment



FOR MORE INFORMATION VISIT [ANIXTER.COM/DATACENTER-EMEA](http://ANIXTER.COM/DATACENTER-EMEA)

For over 30 years, Anixter has been the leading, global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

[anixter.com](http://anixter.com)



Products. Technology. Services. Delivered Globally.

### YOUR CABLING SYSTEM PLATFORM

Anixter engagement process

