

SYSTIMAX®

SOLUTIONS

Deloitte Prepares for 10G Desktop Connections at New Danish HQ

SYSTIMAX® GigaSPEED® X10D and InstaPATCH™ Solutions selected by world-leading audit and professional services firm

Deloitte Denmark has more than 2,150 employees at 20 locations serving 13,000 private and public sector clients across Denmark and Greenland. The company is part of Deloitte Touche Tohmatsu, which has 120,000 people in around 150 countries producing global revenues of \$16.4 billion in 2003/4.

To manage its growing business, Deloitte Denmark will soon have a prestigious new headquarters at Weidekampsgade in central Copenhagen. The six-floor building will be equipped with the latest, high performance IT and communications systems to ensure fast information flow. These are vital to the efficient operation of the firm's services, which include auditing, accounting, IT, tax, relocation, environment and management consultancy.

After carefully considering all the connectivity options for its network, Deloitte chose a combination of the 10 Gb/s SYSTIMAX® GigaSPEED® X10D unshielded twisted pair (UTP) copper solution and the InstaPATCH™ fiber solution.



The GigaSPEED X10D cabling supports end-to-end data transmission speeds up to 10 Gb/s over distances of 100 meters. A key reason why Deloitte chose this solution is because it is fully tested to deliver reliable, consistent 10 Gb/s throughput, even under adverse conditions such as electromagnetic interference.

To begin with, the network's 3,600 outlets will provide end-to-end connections at data speeds of up to 1 Gb/s. However, Deloitte Denmark has the option to upgrade to 10 Gb/s networking at any time, without need to change the cabling infrastructure. This is possible because the GigaSPEED X10D Solution, fully complies with the current IEEE 802.3an 10GBASE-T specifications as well as proposed TIA and ISO/IEC specifications for Category 6a/Class E_A cabling. Therefore, Deloitte Denmark is future proofed for future network speeds and bandwidth requirements.

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Ole Ferbine, IT Manager for Deloitte

IT Manager for Deloitte, Ole Ferbine, realizes this is the key to maximizing return on cabling investment. “The new cabling will meet our connectivity needs over the next decade and beyond without need for major additional costs,” he said. “It will provide the fast, reliable communications and information access that our staff must have to work efficiently. The SYSTIMAX GigaSPEED X10D Solution also delivers the high bandwidth we will need, to capitalize on new generations of productivity enhancing IT systems as these become available.”

High bandwidth in network backbone connections is provided by 10 Gb/s SYSTIMAX LazrSPEED® laser optimized multimode fiber cables. These link satellite distribution frames on each floor of the building to a central computer room via SYSTIMAX InstaPATCH patching hardware.

The InstaPATCH Solution is a high-density, factory terminated and tested, modular system that makes it quick and simple to connect cabling components together. As well as speeding installation, the system makes moves, adds and changes easier and allows cable channels to be upgraded to parallel connectivity while preserving the existing investment.

The whole installation was completed by SYSTIMAX BusinessPartner, Tele & Data Køge. During the project, the team of engineers and installers had to work to very tight timescales and deal with a number of design changes. Logistics and delivery of materials to the site were handled by SYSTIMAX distributor, Anixter.

The cabling is run in a grid system under the building's floors with outlets mounted in movable tiles to give maximum flexibility in the workplace layout. The completed installation is covered by the industry-leading SYSTIMAX SCS 20-year Extended Product Warranty and Application Assurances. These are backed by extensive testing of the cabling solutions at the world renowned SYSTIMAX Labs.

Commenting on the project at Deloitte Denmark, Dorte Blichfeldt of SYSTIMAX® Solutions in Denmark said: “We believe the GigaSPEED X10D solution is the first full UTP solution to comply with the latest IEEE 802.3an specifications for 10GBASE-T as well as proposed TIA and ISO/IEC specifications for Category 6a/New Class E cabling. It provides a next-generation total solution that supports all Deloitte Denmark's bandwidth needs today - and will also support the more bandwidth intensive applications it will need to maintain its leadership position in the future”.

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