

Extending the Network

DFN, Germany's national research and education network, has grown over many years in partnership with Interxion in Frankfurt.

The Challenge

When DFN built their new gigabit scientific network - G-WiN – they decided that, for added independence, the network nodes should be located in member data centres. About 30 nodes were installed at universities and research centres. But what was still missing was an efficient connection to the public internet.

“Our network is not an island. We needed inexpensive, high-bandwidth connectivity to different Tier 1 Internet providers,” said Martin Wilhelm, Deputy Managing Director of DFN.

The Solution

In 1999 the DFN association decided to house one of their Frankfurt nodes with Interxion. As well as providing access to an unrivalled number of carriers and ISPs, Interxion's Frankfurt data centre was home to DE-CIX, Germany's leading internet exchange.

“It meant we could save substantially on our internet connectivity,” said Martin Wilhelm. “Interxion housed all the major networks and ISPs, so all we needed was a set of direct agreements and connections with key Internet providers.”

DFN grew their network capacity and reach over the years, as Interxion expanded its Frankfurt data centre capacity. In 2005 the DFN backbone was expanded, and gradually it became clear that more space was needed. In December 2008, DFN relocated its equipment in the Interxion Frankfurt hub, increasing its power supply and doubling its cabinet space at the same time.

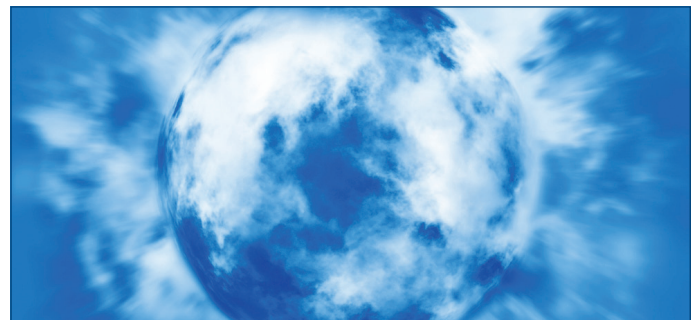
“Reliable, sustained quality of service is vital for a powerful network like ours. Interxion provides us with plenty of power, state-of-the-art infrastructure, extensive security and very reliable systems and processes.”

Authorized DFN team members can access their equipment at any time, day or night. For more day-to-day maintenance, DFN uses Interxion's Hands & Eyes service.

“Interxion is a thoroughly professionally operator,” said Martin Wilhelm. “So far we have had no problems. Response times have been met and exceeded, and we are very happy with the relationship.”



Deutsches
Forschungsnetz



What DFN does...

DFN – Deutsches Forschungsnetz – is Germany's National Research and Education Network. It provides a high-performance infrastructure which connect universities and research institutions and supports the development of new applications. Since 2006 the national backbone of DFN has been the X-WiN with about 60 nodes. Connected to the Internet and to European Backbone GÉANT, X-WiN is an integral part of the worldwide community of research and educational networks. <http://www.dfn.de/en/enhome/>

What Interxion delivered...

- ISO 27001-certified information security management systems
- Direct access to over 150 carriers/ISPs, as well as direct access to the DE-CIX Internet exchange
- Multiple physical security layers and 24-hour security support with controlled customer access 24/7
- Guaranteed power availability up to 99.999% with N+1 backup generators and cooling and 2N UPS
- Redundant cooling equipment with free cooling maintaining temperature and humidity
- A range of other optional services, including hands & eyes, monitoring, connectivity, hosting and backup and restore

About Us

Interxion is a leading European operator of carrier-neutral data centres and managed services. We serve our customers from 26 facilities located in 13 cities across 11 European countries.

Every Interxion data centre meets the most stringent industry requirements, offering the highest levels of security, power availability and energy efficiency.

Interxion's customer community also has access to 18 major European Internet exchanges and over 350 carriers/ISPs giving exceptionally convenient, cost-effective and reliable connectivity.

Our Customers

Over 1,100 organisations, ranging from global carriers and ISPs to leading FMCG and financial services firms house their mission-critical infrastructure with Interxion, including:

- Akamai
- BT
- Cable & Wireless
- Coca Cola
- Fortis
- HP
- IBM
- Level3
- Nasdaq OMX
- Real Networks
- RTL Interactive
- Sage Software
- Siemens
- SunGard

Quality of Service

Over and above expert local staff, Interxion provides a unique European Customer Service Centre (ECSC) that monitors customer security and systems 24x7 and provides quick-response support in five languages.

Following a rigorous independent assessment process, Interxion has been awarded ISO 27001 for Information Security Management Systems and Business Continuity.

Contact Us

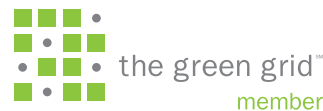
To find out more about our facilities, and our full range of services and solutions, please contact us with your requirements:

Interxion Germany Hanauer Landstrasse 298 60314 Frankfurt Germany	Interxion Germany In der Steele 29 40599 Dusseldorf Germany
Tel: +49 69 40147 0	Tel: +49 211 7496670
Fax: +49 69 40147 199	Fax: +49 211 74966799
Email: care@interxion.com	Email: care@interxion.com
Web: www.interxion.com	Web: www.interxion.com

Accreditations & Associations



Cofounder EMEA Chapter,
Uptime Institute



Contributor Member,
The Green Grid



ISO 27001-accredited
Information Security
Management Systems



Contributor, EC Joint
Research Centre on
Sustainability



Patron of the European
Internet Exchange
Association