



IMTECH TELECOM CASE STUDY

DANTE - THE GEANT2 MIGRATION PROJECT



Imtech Telecom



The Challenge

GÉANT2 was established to provide a multi-gigabit next generation data communications network for research and education centres across Europe.

Tasked with planning, building and operating the new GÉANT2 network, DANTE set out to connect over 30 million users across 34 European countries. The organisation turned to Imtech Telecom to project manage a key part of the core network upgrade.

Project management excellence

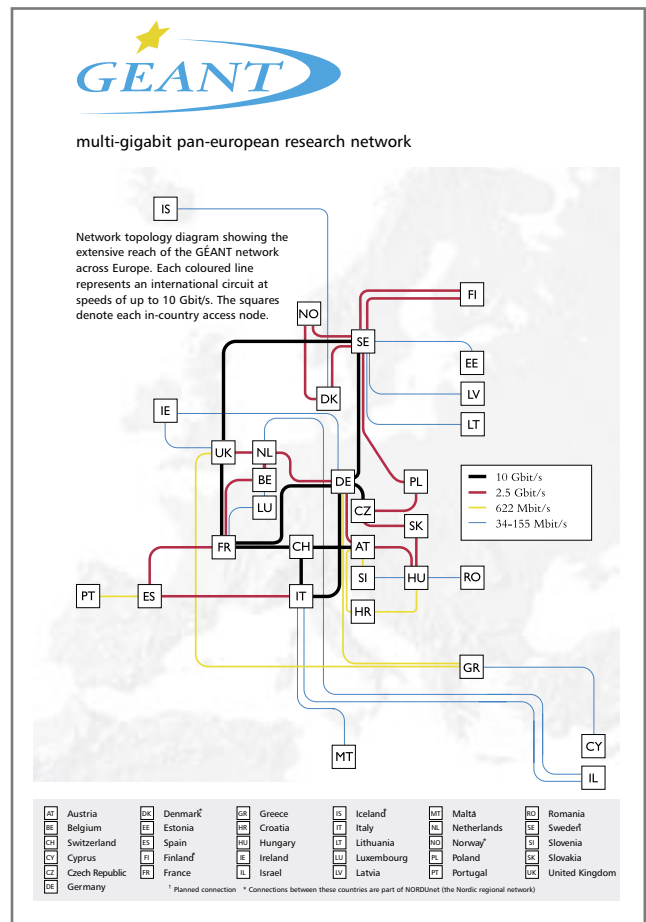
As part of the first phase of GÉANT2, Imtech Telecom is preparing Points of Presence (PoP) sites across Europe. Imtech engineers are implementing the IP, Optical Distribution Frame (ODF) and Out of Band facilities in all nine sites, on time and to budget, with no disruption to existing services.

Scope of Project

- Build, Test and Stage Management Service
- Install Juniper Routers
- Install Optical Distribution Frame

Countries covered by Imtech Telecom

IT, UK, DE, FR, NL, CH, AT, DK, ES, BE, EE, LT, GR, LV & SE.



Period of time

July 2005 to April 2006



Next generation research and education

The deployment of the first phase of the GÉANT2 next generation network means that European researchers will now benefit from unparalleled collaboration. The largest ever network built for the European research and academic community will offer unrivalled geographical coverage, high bandwidth, innovative hybrid networking technology and a range of user-focused services, keeping Europe at the forefront of global research.

“Building the first international hybrid network of its kind is a massive technical challenge,” said Marian Garcia Vidondo, DANTE’s Operations Manager. “Above all, it has been important to ensure continuity of service as we migrate the connected national research and education networks from GÉANT to GÉANT2. Through extensive testing and stringent quality control we are ensuring that GÉANT’s reputation for excellence is maintained during this transition.”

Imtech Telecom

Imtech N.V. is a European technical service provider in the fields of information & communication technology, electrical engineering and mechanical engineering. With around 14,000 employees, Imtech achieves an annual turnover of around 2,0 billion euro. Imtech holds strong positions in the buildings, industry, marine, infrastructure and telecoms markets in Belgium, Germany, Luxembourg and The Netherlands and is also active in Sweden, UK and Spain. Imtech shares are listed on the Euronext Stock Exchange (Amsterdam), where Imtech is included in the Midkap index (AMX) and the Next 150 index. For more information on Imtech, visit its Web site at <http://www.imtechtele.com>



Imtech Telecom



**Imtech Telecom
Netherlands**
Postbus 70500
5201 CA 's-Hertogenbosch
Utopialaan 50
5232 CE 's-Hertogenbosch
Tel. +31 (0)73 640 64 64
Fax +31 (0)73 640 64 69
info@imtechtele.com



**Imtech Telecom
Belgium**
Bld. Paepsemiaan 20
1070 Brussels
(Anderlecht)
Tel. +32 2 303 27 00
Fax +32 2 303 27 01
info@imtech-telecom.be



**Imtech Telecom
Germany**
Schiesstrasse 68
40549 Dusseldorf
Tel. +49 211 530 680
Fax +49 211 530 681 59
info@imtech-telecom.de



**Imtech Telecom
United Kingdom**
Newton House
Hatch Warren Lane
Basingstoke
Hampshire
RG22 4RA
Tel. +44 1256 312 350
Fax +44 1256 312 377
enquiries@imtechtelecom.co.uk



**Imtech Telecom
Scandinavia**
Gardsvagen 18
169 70 Solna
Sweden
Tel. +46 8 735 37 00
Fax +46 8 735 37 20
info@imtech.se