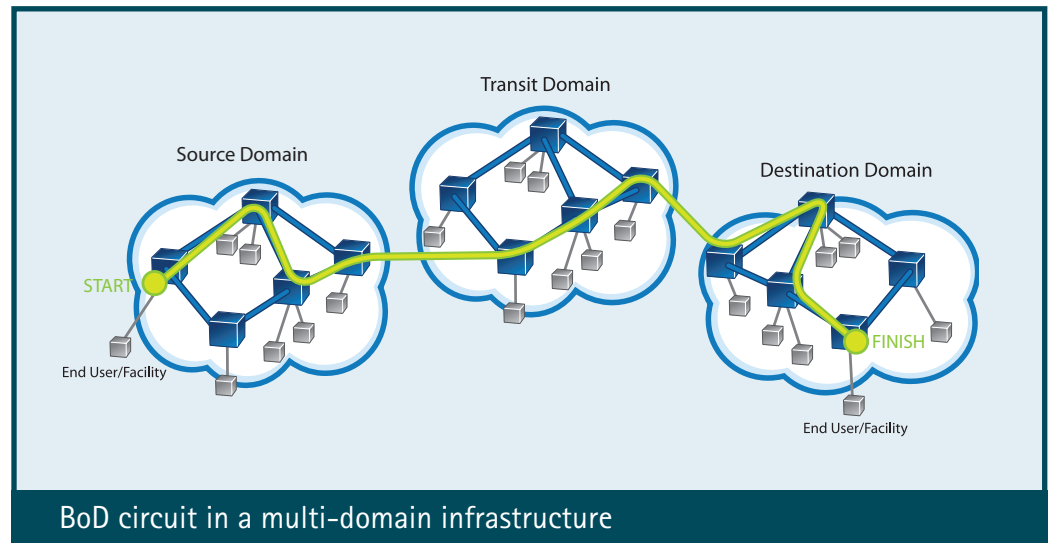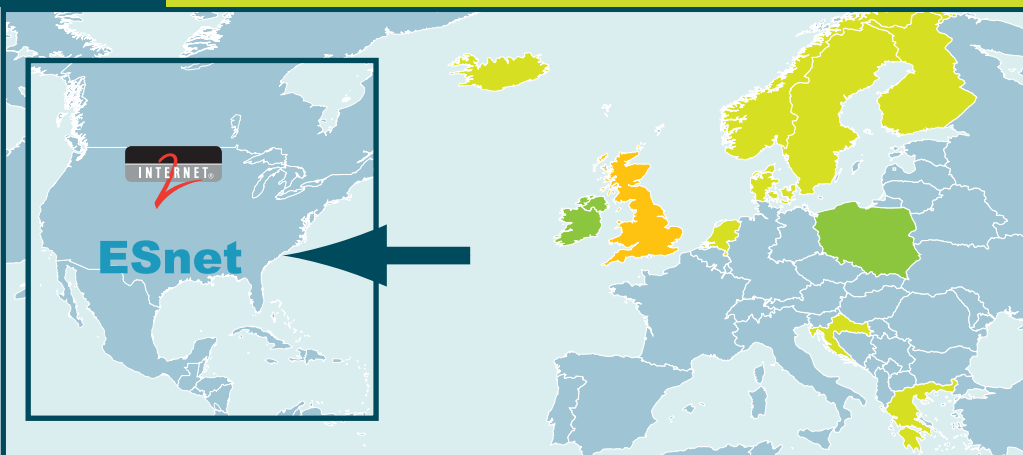# GÉANT

connect • communicate • collaborate

GÉANT Bandwidth on Demand (BoD)
Now a Production Service

1 What is GÉANT BoD?

- Co-provisioned by GÉANT and participating NRENs, GÉANT BoD is the multi-domain service for dynamic bandwidth provisioning.

- BoD enables users to instantly create dynamic point-to-point circuits through a web-user interface. Ideal for any situation where large amounts of data need to be transferred between two points for short periods of time, and with guaranteed bandwidth.

Transit Domain

Source Domain

Destination Domain

START

FINISH

End User/Facility

End User/Facility

BoD circuit in a multi-domain infrastructure

2 NRENs and users

INTERNET2

ESnet

Deployment in pilot

- GÉANT BoD is already being used by projects such as AutoKNF, NTT-BBC, Bonfire, Mantychore and Exemplar. Mantychore has implemented GÉANT BoD support on OpenNaaS as the foundation of its L3 NaaS services.

- Pioneering the production service: PIONIER, HEAnet & DANTE (for GÉANT)
- NRENs in the pilot phase: CARNet, Forskningsnettet, GRNet, NORDUnet, SURFnet
- NRENs in technology trials: JANET

3 Key features

- Predictable performance of a dedicated circuit with the flexibility of an IP service

- Capacity up to 10 Gbps

- Rapid set up of multi-domain circuits in minutes

- Tool independent – choose your provisioning tool

- Interoperable with with global partner services such as those offered by Internet2 and ESnet

- Web user interface to easily create and manage bandwidth requests

4 Why deploy GÉANT BoD?

- Offer a new connectivity option to your user community, satisfying their current and future data requirements

- Simplify the multi-domain circuit provisioning process

- Automatic provisioning reduces staff effort, time and costs

- Minimal set up costs – leverage your existing infrastructure investments

Be at the forefront of innovative networking
Offer GÉANT BoD to your users. Ask us how at the GÉANT booth.

http://bod.geant.net

DANTE
www.dante.net