

Point-to-Point Links

Linking campuses and remote sites via Network / LAN Extensions

HEAnet

Ireland's National Education & Research Network



What is Point-to-Point?



Point-to-Point is a service provisioned by HEAnet which allows institutions to link remote sites and campuses into a single Local Area Network.

It is an established, cost-effective service of substantial use to Irish educational and research facilities which have multiple locations, campuses or remote buildings.

A Point-to-Point link aids in the smooth delivery of HEAnet services and can be an asset to any institution.

Specially Provisioned for HEAnet Clients

Point-to-Point links can be smoothly rolled out for clients, depending on end point locations, third parties and available resources.

Clients can contact HEAnet via noc@heanet.ie to inquire about Point-to-Point links.

HEAnet also has the ability to manage existing Point-to-Point connections and re-configure them as necessary. This flexibility underlines the client-focussed nature of HEAnet's ever-evolving network.

Client Needs

- Academic and research institutions in Ireland can often be spread across numerous locations and sites.
- Extending a Local Area Network to include all sites carries multiple benefits for an institution.
- These can include substantial improvements across:

- **Connectivity**
- **Network Privacy**
- **Firewall Coherence**
- **Functionality of WiFi and Shared Services**
- **Remote Lab / Machine Sharing**

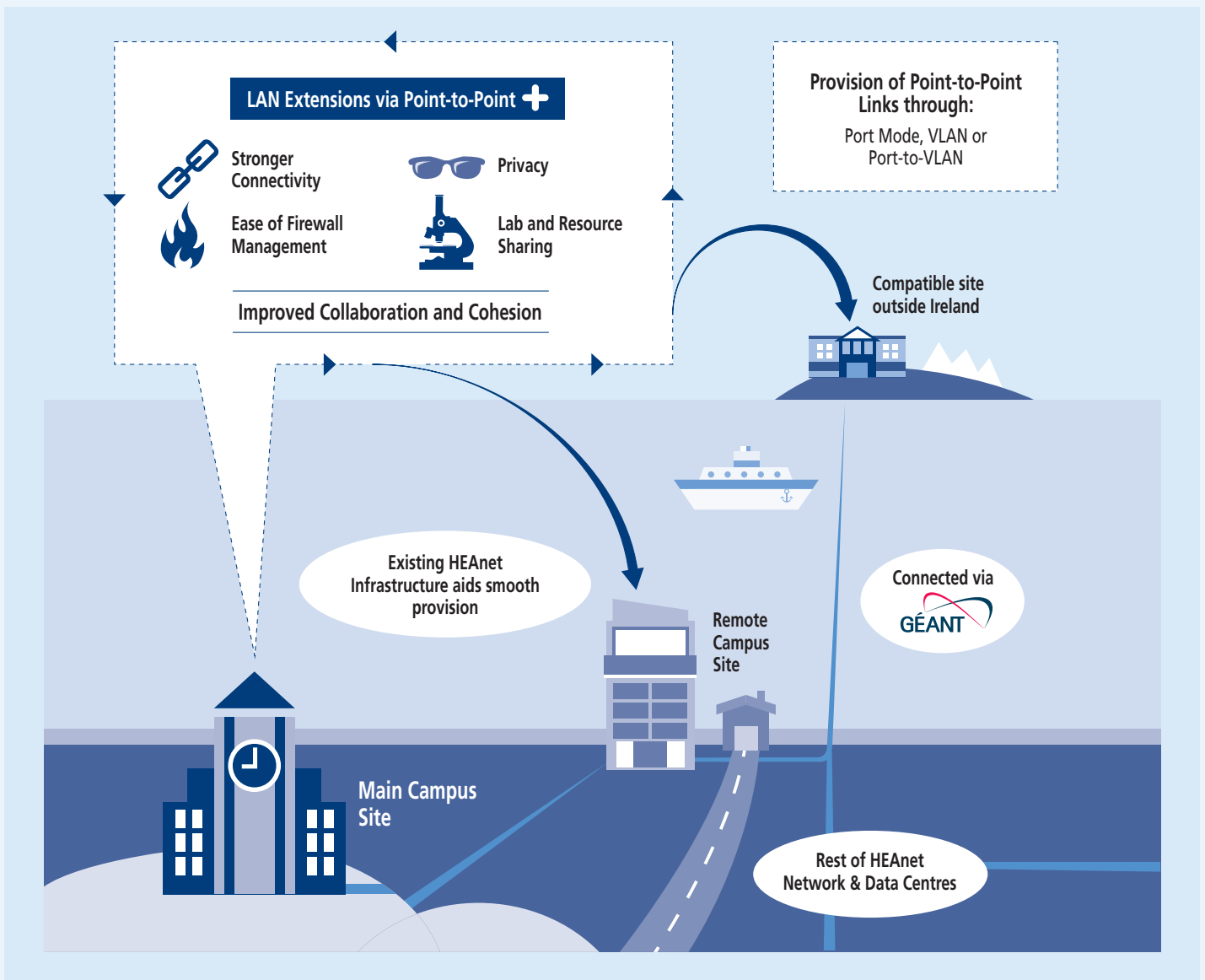
- HEAnet's Point-to-Point service is a cost-effective solution, which can be tailored for each and every institution.
- As the network provider, HEAnet is in an ideal position to deliver seamless network and LAN extensions - ensuring excellent connectivity to data centres and co-location equipment.
- Direct, dedicated support is available from the HEAnet NOC regarding any issues that arise regarding Point-to-Point links.

Active Network Improvement



- The Point-to-Point service can be broadly understood as providing extensions to the HEAnet network.
- The continued evolution and improvement of the network, as outlined via HEAnet's strategic plan, ensures client organisations will continue to receive seamless and reliable connectivity, with an expanding portfolio of additional services.

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Gerard Spain, Technical Officer, Mace Head Atmospheric Research Station (NUIG)

- "From an operational point of view, the performance of the (Point-to-Point) link has been exceptional."*
- "There was a need to facilitate research activities on-site by providing a (substantial LAN extension)...options in such a remote location were limited."*
- "The installation process was very smooth. The ability to remotely access data...is one of the strengths of the service."*
- "Utilisation of the service is increasing. The success of the link(s) has resulted in the NUIG Point-to-Point network expanding to Mayo, Sligo and Donegal..."*



Contact HEAnet

Support for Point-to-Point Links is provided through the HEAnet NOC.



You can contact the HEAnet NOC by emailing noc@heanet.ie or by calling 01-660-9040, Monday to Friday, 09:00 - 17:30.

The HEAnet NOC is committed to ensuring every client receives a consistent, responsive service with an emphasis on minimising client disruption.