



An Internet Exchange for Wales



**Unite Infrastructure.
Ignite Local Economies.**

An important element of global Internet traffic is called ‘peering’, which is usually the settlement-free exchange of traffic between individual service and content providers. LINX was established to facilitate peering, and has done so very successfully. A key element of this is our mutuality - LINX is owned by the entities that it serves.

Benefits of Peering and using an Internet Exchange

- Improved performance
- Low latency
- Greater resilience
- Control of traffic routing

LINX Wales: Supported by the Community

Originally established in 2015 as IX Cardiff, LINX’s 4th regional Internet exchange point was set up with the support of Cardiff City Council and the staff of the Welsh Government.

A strong local community of interest is essential for building a successful Internet exchange.

Located in both BT Stadium House, Cardiff and new for 2020, Next Generation Data, Newport. LINX Wales provides the complete solution for keeping traffic local.



Supporting the LINX Regional Peering Strategy

To support the LINX regional peering strategy members are able to connect to a 1GE port at any of LINX’s six LANs purely for the price of the membership fee

This reduction in costs now gives members:

- Added incentive to peer at all our local exchanges:
- More peering at local exchanges makes the Internet faster and more reliable for end users
- Better connectivity for businesses which stimulates the local economy
- Lower cost of entry for SMEs.

“We want to create a world class digital infrastructure in Wales. The creation of an Internet Exchange will have wide ranging benefits to the business community in Cardiff and across south Wales. It will also help to make Wales a more connected nation.”

“By LINX bringing the exchange to Wales, all of the LINX members will be able to peer in Wales, boosting local enterprises who would otherwise have had to foot the bill for a significant transit cost burden to access this opportunity.”

“In addition, the Welsh Government has recently peered the PSBA Network with the IX in Cardiff which looks forward to opportunities to provide new services to the significant number of users it serves.”

Lee Waters
Deputy Minister for Economy & Transport, Welsh Government



LINX Wales Peering Platform

A regional Internet exchange encourages local digital businesses. It reduces the dependency of industry on London and other major digital conurbations, giving them the benefit of lower local overheads. Faster more reliable digital services provide a fertile environment for SMEs which in turn contributes to the regional digital economy stimulating local growth.

Technical specification

- Extreme X460 switch
- Management router
- Route Server
- Route Collector
- Monitoring Server
- IPv4 Peering LAN
- IPv6 Peering LAN

Services available at LINX and LINX Wales

- 1G, 10G and 100G peering ports
- ConneXions partnership scheme
- 24/7 support services
- Traffic statistics
- Infrastructure support
- Route server for multilateral peering
- Rack space rental
- Colocation services

Who would benefit from using the Exchange

- Internet service providers
- Content delivery networks
- Hosting companies
- Network service providers
- Data rich transactional enterprises

Colocation Resales

LINX are able to provide space for members located in the BT Stadium House centre through its Colocation Resales service.

This reduces the number of suppliers that a member or potential member has to deal with when connecting to an exchange, thus making the connection process easier and more cost efficient. Colocation Resales includes rack space, cross connects, remote hands and managed access.

About LINX

The London Internet Exchange (LINX) was founded in 1994 to facilitate the exchange of traffic between Internet service providers.

LINX is a not for profit Internet exchange. Before LINX was founded, most of the traffic between UK service providers was exchanged in the USA, which is both inefficient and a costly way of doing it. LINX's mission was therefore to keep traffic local - and it did this originally in London, as one of the world's first not-for-profit Internet exchanges. Keeping traffic local has been responsible for many of the improvements in Internet services that we have all come to rely on. This has contributed to the general improvement in the Internet services that we, as end users, are familiar with. Our mission was, and is, to work for the good of the Internet and to 'keep traffic local'.

Today, LINX includes networks in the north-west of England, Scotland, Wales and Northern Virginia in the USA. New for 2019, JEDIX a new IX for Jeddah, Saudi Arabia, powered by LINX.

London Internet Exchange Ltd

2nd Floor, Trinity Court
Trinity Street
Peterborough PE1 1DA
Tel: +44 1733 207700

WeWork c/o LINX
77 Leadenhall Street
London EC3A 3DE
Tel: +44 20 7645 3500

Fax: +44 20 7645 3529
Email: info@linx.net
Web: www.linx.net

Registered in England and Wales: 3137929