

# LINX NoVA

LINX's mutual approach to enhancing connectivity of the local digital infrastructure, based on an industry led approach.

## Working for the Good of the Internet

The London Internet Exchange (LINX) is one of the world's leading Internet Exchange Point operators (IXP). Our company ethos and aspirations result in constant growth and improvement in our services.

As a not-for-profit organisation, we focus on investing our service and membership fees into strengthening LINX network services. This ensures that our infrastructure is world leading and that we remain at the forefront of the IXP industry. By doing so, we can confidently provide our members with improved network performance, low latency and more control.

With over 820 member ASNs connecting from over 75 different countries worldwide, LINX members have access to direct routes from a large number of diverse international peering partners. Using LINX allows a reliable exchange of traffic with increased routing control and improved performance.

### LINX NoVA in Numbers

- 50 connected member ASNs
- Over 520GB of connected capacity
- Over 25GB/sec of peak traffic
- 1G port included in annual membership
- No charge on 10G ports\*

\*Until traffic exceeds 1G at 95th percentile

## Why LINX NoVA?

For our members, and the Internet network community in general, network stability is regarded as the single most important issue\*\*. One of the ways they achieve this with regards to peering is by ensuring there is resilience in the IXP services they take.

Until LINX NoVA launched in 2014, the Ashburn metro area, one of the largest interconnect locations in the world, was a single point of failure. Today our members can enjoy platform diversity as well as a choice of colocation providers in the region, which in turn has improved the Internet in general in the region.

**Internet exchanges work best at scale, and as more and more of the community join the exchange the stronger the eco-system becomes. Now is an exciting time to join one of the fastest growing IXPs in the USA.**

\*\* Source: LINX Membership survey



### Benefits of joining an Internet exchange

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

### Benefits of LINX NoVA

- Neutrality
- Unique, not for profit organisation
- Community of users
- Stimulating market competition
- Lower barrier to entry
- Increasing economies of scale reflected in pricing
- Flexibility and choice

**Uniting Networks.  
Igniting The Internet.**

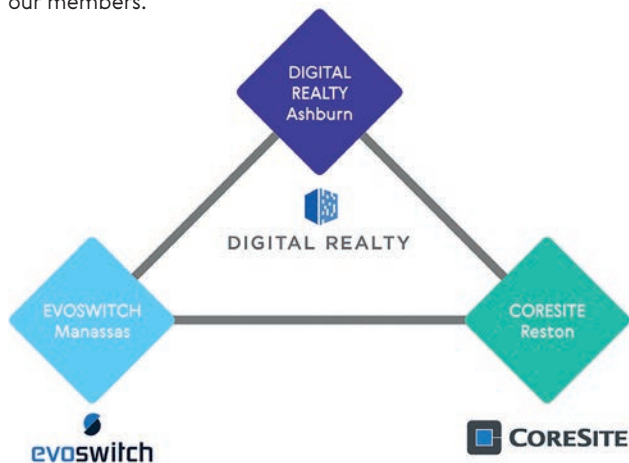


# LINX NoVA Topology & Engineering

LINX NoVA is located at three sites: Digital Realty in Ashburn, Coresite in Reston and EvoSwitch in Manassas.

## Peering LAN

LINX NoVA is not connected back to the LINX exchange in London. It is our mission to keep traffic local as this gives the fastest exchange of traffic and as a result, the best service to our members.



A multi site deployment gives our members choice of colocation provider and carrier. It also enables us to improve our redundancy and increase the resilience of the exchange. Having chosen the best site for them our members are able to reach all other peers on the network regardless of which datacenter they are located in.

LINX exists for the benefit of our members and by creating a peering eco-system we hope members will benefit from the increased competition that results by seeing their costs reduce.

## LINX Services

- 1G, 10G & 100G peering ports
- Traffic statistics
- Route server for multilateral peering
- Private peering
- Reseller partnership scheme
- 24 x 7 in house NOC
- Infrastructure support & monitoring
- Colocation services, including remote hands

## Benefits of a Multiple Location IX

- Increased resilience
- Choice of data center operator
- Access to multiple carriers
- Improved redundancy
- Fully meshed peering fabric

## How to Peer at LINX NoVA

### Existing Members

- No new membership fee
- No new contracts
- Nothing to sign
- 30 day cancellation
- Simple port order via the member area

### New Networks

- Decide how you want to present
  - remotely over Layer 2
  - direct connection to a LINX PoP
- Go to [www.linx.net](http://www.linx.net) and click 'Join LINX'
- Sign the membership agreement (MoU)
- Order your port

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