



DATA SHEET

Central internet breakout

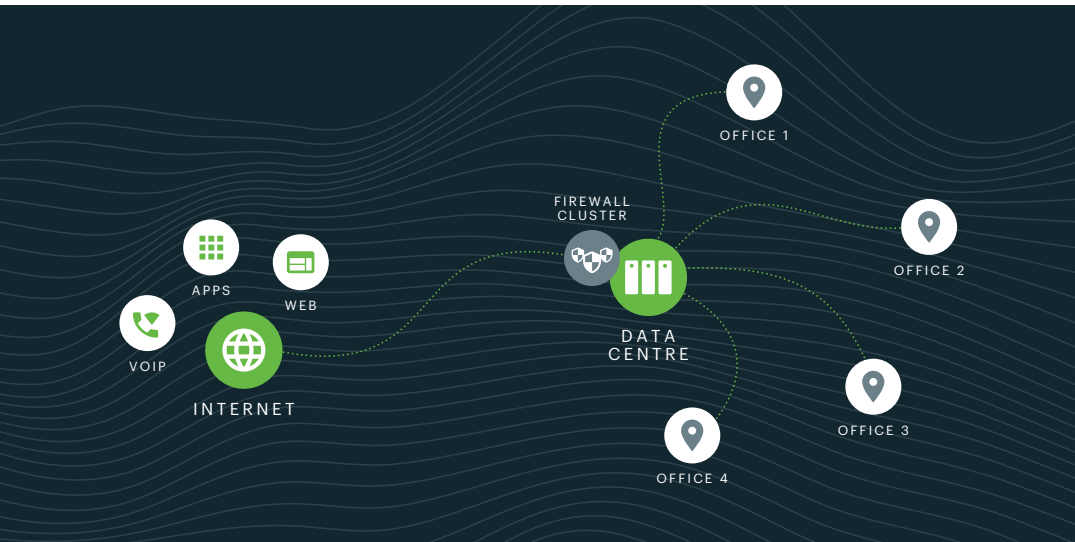
Evolving Networks, Nexus House
7 Commerce Road, Lynch Wood
Peterborough, PE2 6LR

+44 330 55 55 333
sales@evolving.net.uk

evolving.net.uk

Central internet breakout

Central Internet Breakout describes a network topology where, rather than each office or branch in a network accessing the internet separately on an individual public IP address, all traffic is routed centrally to a hub site, where an internet connection is shared between all connected sites.



The power of the INF software, linking sites to each other, to the internet, to the datacentre. Connecting users to their applications, wherever they are. And, crucially, able to flex and change at a moment's notice, enabling businesses to redesign their WAN on the fly

Whether a business employs a central internet breakout topology or not can depend on a number of factors:

- Skill level of IT resources
- Size of IT team
- Presence of site-to-site WAN
- A policy of outsourcing or insourcing
- The number of individual branches or sites in the network
- Firewall licencing costs
- Desire to add additional security features such as filtering
- Personal preference or network ideology
- Vendor hardware choice

As a result, network topology is not always a straightforward choice.

With apps and data increasingly moving to the cloud or internet based, it's not always a question of moving only in one direction – towards a hub and spoke topology. Advancements in local broadband provision has made internet connectivity cheaper than MPLS bandwidth, and with SD-WAN technology, resilience can finally play a part in network decision making in a way it never could before.

Network topology is not always a straightforward choice

Central internet breakout can be an easy reality

But with the Evolving Networks Intelligent Network Fabric (INF), central internet breakout can be an easy reality, whatever the underlying tail circuit technologies employed at the branch.

Site-to-site, site-to-cloud and site-to-datacentre are all possible once an EVX is installed on every branch and datacentre site.

Internet access can be delivered via multiple geographically diverse locations, with firewall clusters designed to fail gracefully and automatically, even if an entire datacentre or ISP fails.

It's entirely your choice

Co-locate your own security appliances or take a managed service offering – it's entirely your choice. The SD-WAN will deliver a simple hub and spoke topology, or something far more complex if your enterprise needs vary from site to site, or from time to time.

Benefit from local edge redundancy with your circuits, and consolidate your security spend, gaining advanced Next Generation Firewall (NGFW) features, simplifying licencing and lowering the number of devices your IT team has to manage.

If your topology needs to change in the future, the INF is configurable to change without any physical reinstallation of hardware or connectivity circuits, giving you the ultimate in network agility.

Co-locate your own security appliances or take a managed service offering – it's entirely your choice.

