

DATA & VISIBILITY



DATA

Information is based on data. Accessing this information efficiently and securely is paramount to business.

CHALLENGES

Whether production is deployed on public, private or hybrid cloud environments, our dependency on secure & reliable data connectivity is greater than ever. No matter how well-designed a given hosting platform is, without a stable and consistent data solution the end user experience is poor and that ultimately leads to frustration with technology.

Built using best of breed carrier grade equipment, the Encoo core is designed to withstand multiple levels of failure without impacting the end user. Being completely carrier agnostic allows us to extend the same design concept to end clients, delivering multiple levels of fault tolerance at a given site. Whatever a client's requirements – Encoo can design to them.



PRIVATE NETWORKS

Seamless Aggregation

Encoo own & operate our MPLS core. This provides us with the flexibility to deliver Point to Point, Layer 2 or Layer 3 MPLS networks depending on the client's requirements. With national points of presence in multiple data centres throughout the country, we can design private networks with multiple levels of last mile redundancy.

By default, all partners are given access to the Encoo monitoring portal that allows them to monitor & report on their clients networks in real-time, this saves time troubleshooting issues and identifying potential issues within the network.

Advanced traffic visibility and control options are also available without the need to deploy additional hardware on site, real-time insights & analytics are available instantly to help you identify the root cause of any issues and give you complete control of the network.

INTERNET

Built in Failover

Whether delivered centrally from the data centre via Managed Firewall or locally via a direct Internet tail, the end client benefits from Encoo's network design.

Multiple T1 transit providers across multiple states means that Encoo Internet transit is always protected and the best routes are always selected. Bilateral peering arrangements with global content providers as well as connections into peering points throughout Australia gives end clients the confidence to know their traffic is getting to its destination as quickly as possible.

SOFTWARE DEFINED NETWORKING IN A WIDE AREA NETWORK (SD WAN)

Intelligent networking

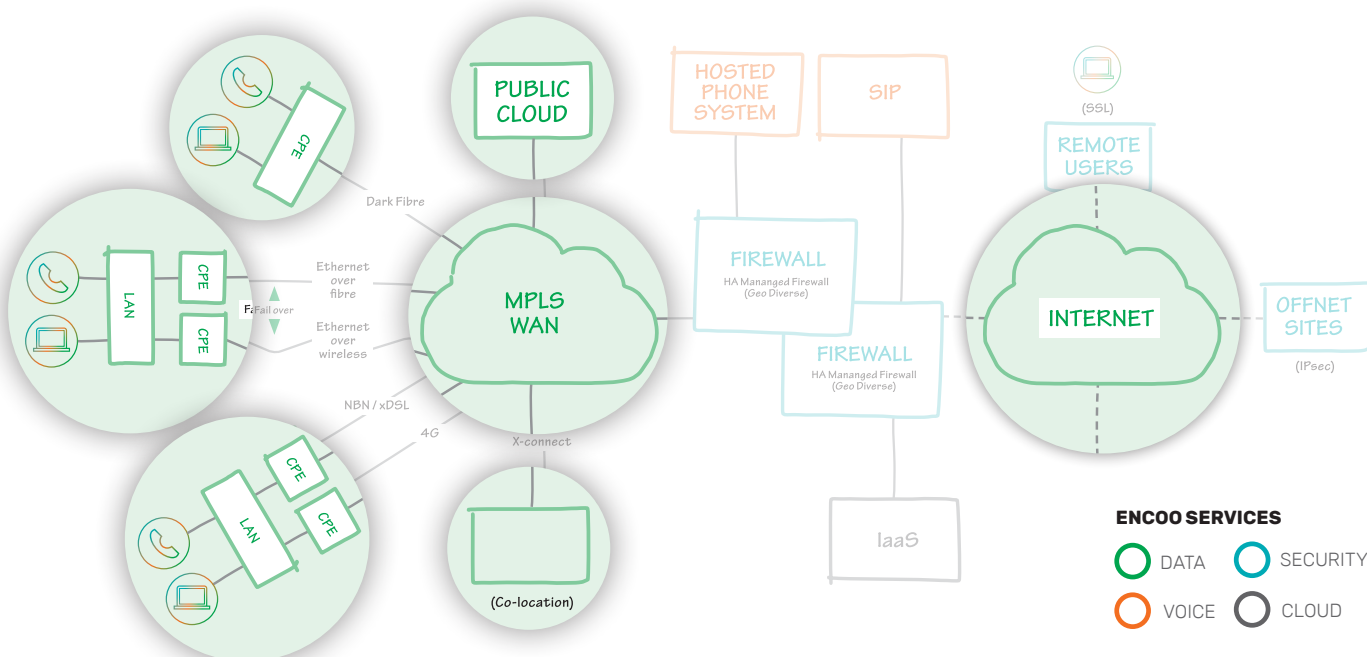
SDWAN gives us the ability to use different technology types across multiple carriers, presenting to the end client as a single link. This provides clients with the ability to integrate seamless automated failover, as well as select the most optimal path for given traffic types. SD WAN can be deployed across multiple branches in a variety of ways and all managed from a single pane of glass, providing simple and centralised ongoing management.

THE ENCOO EDGE

Partnering with Encoo is easy, cost-effective and provides you with full visibility of the network. Our national footprint and multiple carrier interconnects allow us to provide carrier diverse & bespoke solutions, giving us the ability to service clients of any size.

ENCOO NETWORK TOPOLOGY

What needs to be considered when building your network



ENCOO VISIBILITY

The Encoo NOC actively monitor and alert on all WAN circuits that are terminated with an Encoo managed CPE as well as the Encoo Managed Firewall. Being transparent is one of our core values and being true to this we provide our partners with access to the same network monitoring tools that our NOC use. This provides real-time visibility into the status of the WAN as well as utilisation details of the circuit, allowing troubleshooting to start as soon as an issue is identified. Alerting via email or SMS can be configured so that all parties are able to collaborate using the same source of information from the outset.

If more granular reporting and visibility is required then Encoo can enable Advanced Visibility on a per link or per account basis, this will provide near instant analytics, insights & reporting – from a single pane of glass. In addition to providing application aware visibility, Encoo Advanced Visibility provides a granular and graphical assessment of all traffic profiles and includes traffic anomalies detection & alerting. For more details on Encoo Advanced Visibility and take back control of the network, please contact Encoo today!

