

**The ePN-WAN with CeyGalaxy creates
the best performing, most effective,
low-cost wide area network**

Connecting multiple sites into a single, manageable ethernet network

The security & simplicity of VPLS (ethernet connectivity across multiple sites) is coupled with CeyGalaxy, which enables with a single box what other solutions require multiple (expensive) boxes to achieve.

OAK Telecom ePN-WAN

- Creates a secure ethernet wide area network across your sites
- Connections from multiple vendors (NBN, Telstra, TPG, Vocus, etc.) and technologies (Fibre, DSL, NBN, 4/5G, etc.) seamlessly
- Uses Layer 2 which is simple to set-up and manage
- Low latency and low jitter
- Inherent security across services and sites
- Multiple VLANs, variable VLANs – QoS to the edge
- Internet via a single gateway at head office
- Auto fail-over at all sites as required
- Full and detailed traffic monitoring & optimisation from CeyGalaxy



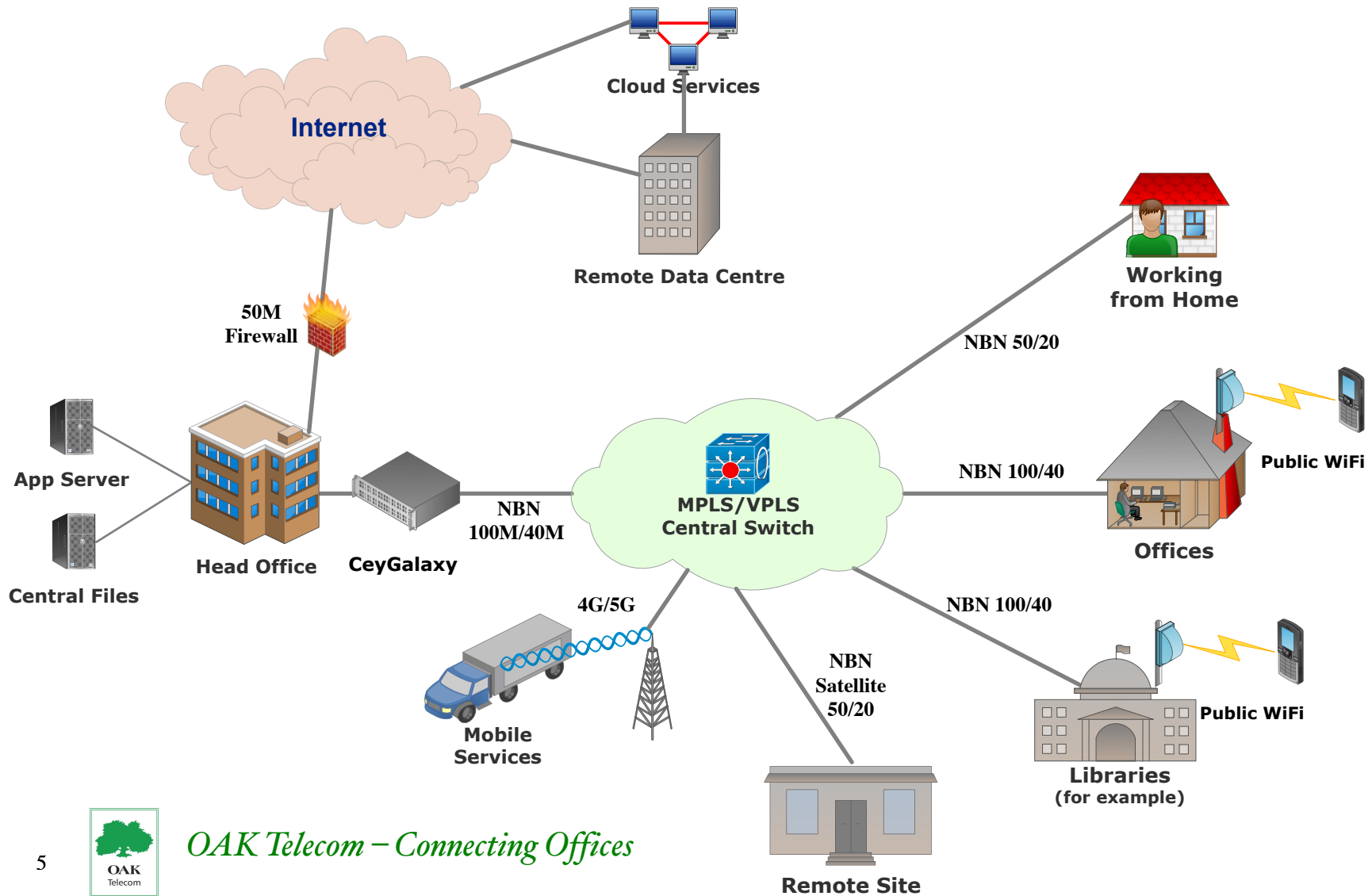
Paraqum CeyGalaxy

- CeyGalaxy from Paraqum Australia provides full monitoring and control of all traffic on a LAN and/or a WAN
- The unit sits "in-line" with the head office connection (and the internet connection)
- It monitors every single packet, using what is called Deep Packet Inspection (DPI)
- Since DPI is analysing each packet, it is possible to use a time-window as short as a millisecond
- All information in L2 to L7 packet header information is captured and analysed
 - including IP addresses, VLANs, PPPoE, QinQ, etc.

Paraqum CeyGalaxy (2)

- The network administrator is able to see the complete network
 - assuming all branch IP addresses are visible to the CeyGalaxy
- All application traffic can be monitored (e.g. Office365, Xero/MYOB, Zoom/Teams, Facebook, YouTube, etc.) and rules set for priority (or exclusion), as well as standard reporting
- Comparison of performance at each branch site can be used to identify issues for upgrade or solution of any problems

ePN-WAN with CeyGalaxy



OAK Telecom – Connecting Offices

Benefits for the Network Users

- Simple, secure and private network between all your sites
- You are able to monitor any or all activity around the network with a single box at head office
- More cost-effective than alternatives
- Extra boxes or firewalls at remote sites are not required - only at head office. This greatly simplifies network management.
- Central files are accessible in head office and/or the Cloud
- Prioritise key traffic (e.g. IP telephony, public WiFi, etc.) according to needs using QoS or free VLANs
- Set access & usage rules for applications & websites across the network and monitor usage

OAK Telecom

- Fully Australian/Victorian owned & managed
 - Based in Melbourne
- Providing WANs to Councils since 2001
- Specialists for Councils, Libraries, Health Services
- Also WANs for commercial organisations
 - with multiple offices/locations



Paraqum

- Network intelligence and control solutions provider
- Established in 2013 and released first network analytical tools in 2016
- Provides custom solutions based on requirements
- An expanding international company with a large customer base in the USA
- Delivers Network Quality of Experience (QoE) Assurance Platform