

2025 PNG Resources – Port Moresby

Accelerating Network Solutions for Papua New Guinea

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Sector Leadership in Satellite and Remote Communications



\$500m
Revenues



1000+
Employees



70
Countries



40,000+
Active Remotes



100+
Field Technicians



Professional &
Technical Services

*Complete Cloud-Enabled Software-Defined Service Delivery
from the Core to the Edge*



Networks

21GHz / 50Gbps GEO

175 iDirect Hubs

Largest Newtec Dialog

35 Teleports

50 PoPs

Global SD-WAN



Integrated Partners

Starlink Authorized Reseller

OneWeb strategic Distribution Partner

SES O3b mPOWER

Iridium | Inmarsat | Globalstar

Nokia Private LTE | Tampnet

Global MVNO



Software & Cloud

SIGMA Ecosystem Edge Computing

TrueBeam Core

TrueBeam Edge

IIOT

AWS Partner



Speedcast PNG Teleports

POM



LAE

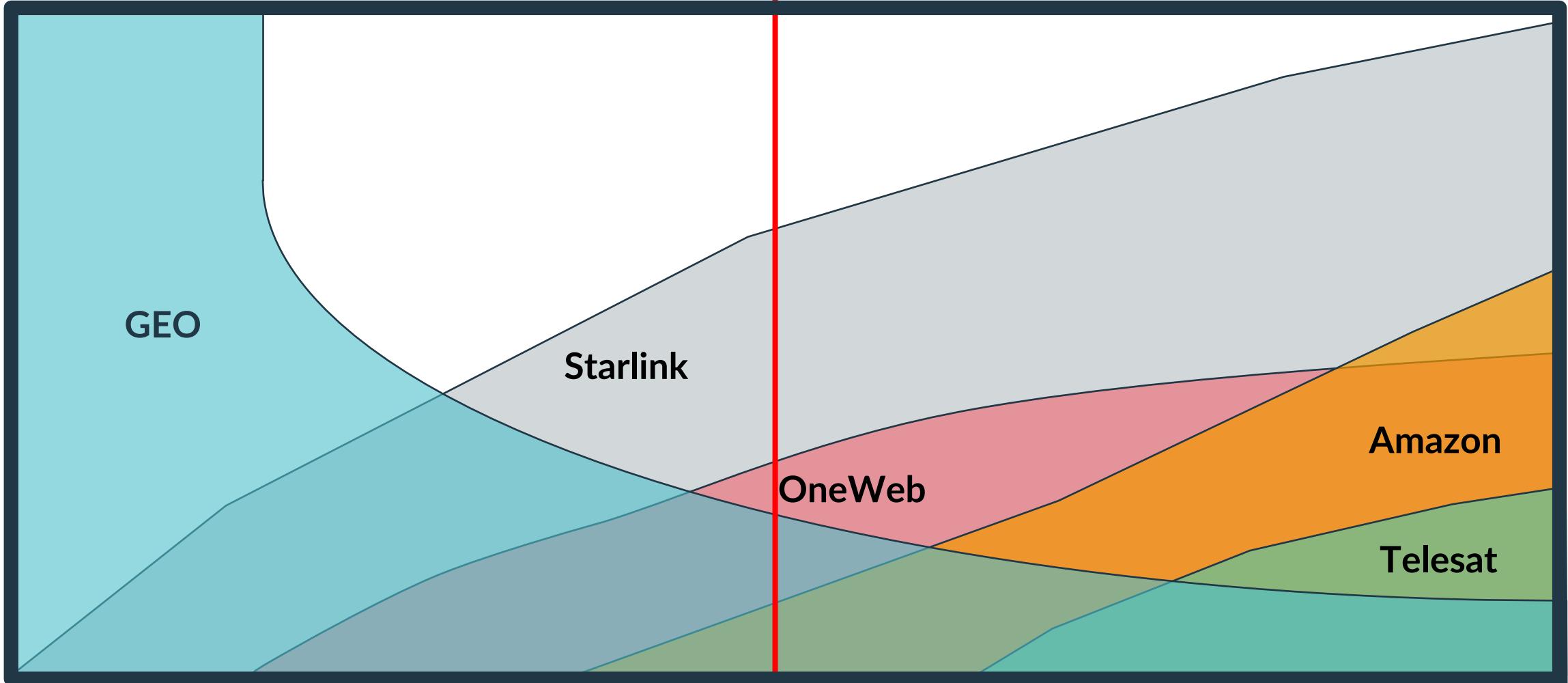




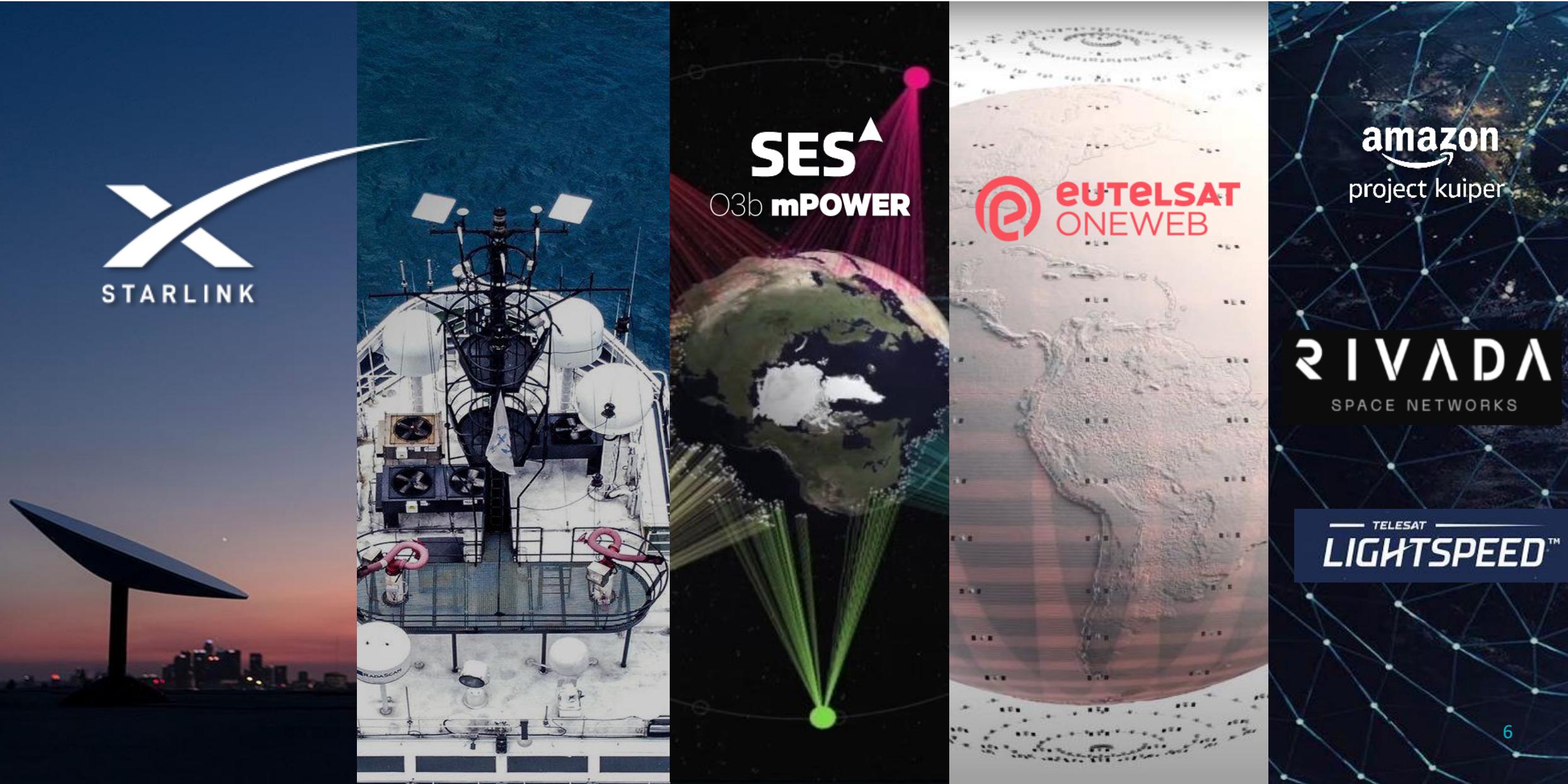
Speedcast Investment into the community in PNG
<https://www.operationlife.org.au/>

Market Outlook

Today



Speedcast's position with NGSO Connectivity



Speedcast & Starlink

- Global Service, wherever it is licensed
- SpaceX has launched over 7,000 satellites
- Speeds of ~200/25 Mbps
- Best effort performance
- Public Internet
- Intersatellite links (ISL)
- Low-cost flat panel hardware, one model
- Antennas getting Smaller – backpack size
- Variable fixed and mobile plans
- Designed to be installed by non-technical



Starlink Mini Terminal



AUTHORIZED
INTEGRATOR
& RESELLER

STARLINK

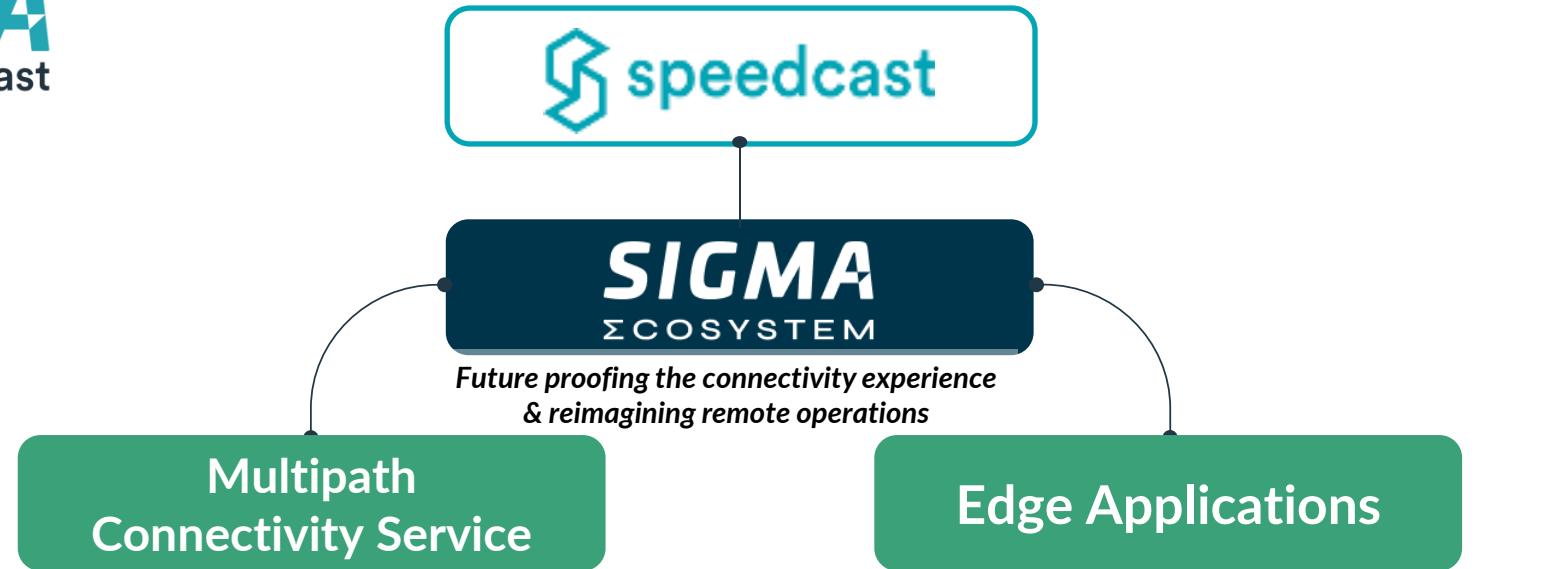
 speedcast

Starlink Community Gateway

Powered by Speedcast

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ACCELERATE
»»» AHEAD



GEO | MEO | LEO | L-BAND | LTE | Line of Sight

- Complete connectivity path toolkit
- Leading expert on next-gen comms
- Technology partner to customers



- Expanding portfolio of value-added applications
- Optimized to operate at the edge & accelerate customer operations
- Access to leading solutions & services from partner companies

SIGMA PRODUCT TIERS

SIGMA Essential

Essential network tools and applications for simple set-ups.

SIGMA Enterprise

Comprehensive network tools and applications for enterprise-grade ecosystems.

SIGMA Elite

Our most powerful network tools and applications for advanced virtualized environments.

Speedcast Sigma SD-WAN Core Features

Failover

Provides for simple failover between WAN's or groups of WANs. Where all traffic is tunneled, failover is seamless.

Load Balancing

Can load balance flows between multiple WANs – important to only load-balance across 'like' WANs or use application steering

Application Steering

Allows applications to be stuck to specific WAN underlays as preferred, falling back to the next preferred if the WAN is unavailable or triggered by IP SLA metrics

SLA Profiles

Monitors every link for packet loss, latency and jitter in both forward & return directions.

This can then be used to trigger application steering – e.g., Put voice on Starlink, unless packet loss is above 10%, then move it to VSAT until the packet loss settles back under 10%.

Next-Gen Firewall

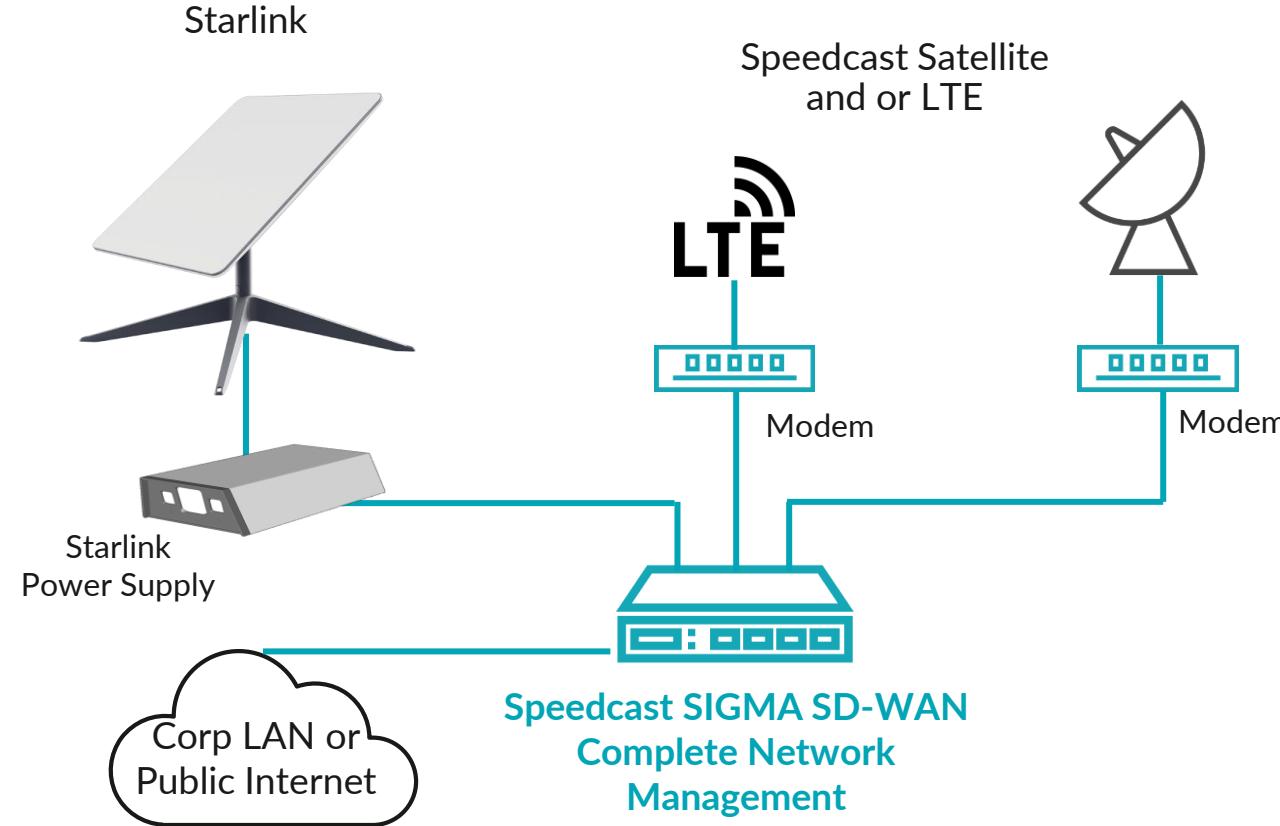
Web and Application filtering as well as regular IP/Port based firewall (optional)

Direct Internet Access (DIA)

Allows traffic destined for the internet to be broken out locally across one or more WAN interfaces, rather than tunneled back to a hub.

Important when considering LTE and Starlink, as there are cost implications to tunnelling all traffic back through a hub.

Direct Plug and Play for Fully-Managed Service



Benefits

- ✓ Simultaneous connectivity across links = ~100% uptime
- ✓ Load balancing
- ✓ Data categorization
- ✓ Application layer Quality of Service
- ✓ Cybersecurity (NGFW, Encryption, IAM)
- ✓ Remote orchestration = zero touch provisioning
- ✓ Single pane of glass
- ✓ Exciting feature release roadmap incl. leading VMs

SOFTWARE DEFINED PLATFORM



New Flexible
Architecture



Application
Marketplace



Hardware
Options



VNF
Capability



Intelligent
Edge

Line of Sight

LEO

MEO

GEO

L-Band

LTE

MULTI-PATH CONNECTIVITY

Managed Service Program in Australia



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The **Northern Territory Government**, is the administrative authority of this Federal state - the most sparsely populated territory in Australia located in the central and northern regions of Australia.

Summary:

- In 2016 Speedcast connected 250+ remote sites serving Education, Health, Police & Utility agencies for this Government program.
- The network included custom built teleports in Darwin and Alice Springs operated locally by Speedcast staff contracted to NTG
- In 2021 a Speedcast technology upgrade seamlessly introduced leading edge technology to increase Ku band throughput by 20%
- In 2023 Speedcast executed a POC to introduce additional WAN connections including Starlink LEO broadband and LTE to complement and augment the primary Ku band WAN.
- Speedcast introduced its Sigma Edge Compute appliance to software automate the new multipath environment, creating a simple to manage, always on, single virtual WAN connecting NTG remote sites and data centres.
- In late 2023 Speedcast extended the POC to rollout the new software defined multipath network to 98 agency sites with the rest likely to follow in 2024

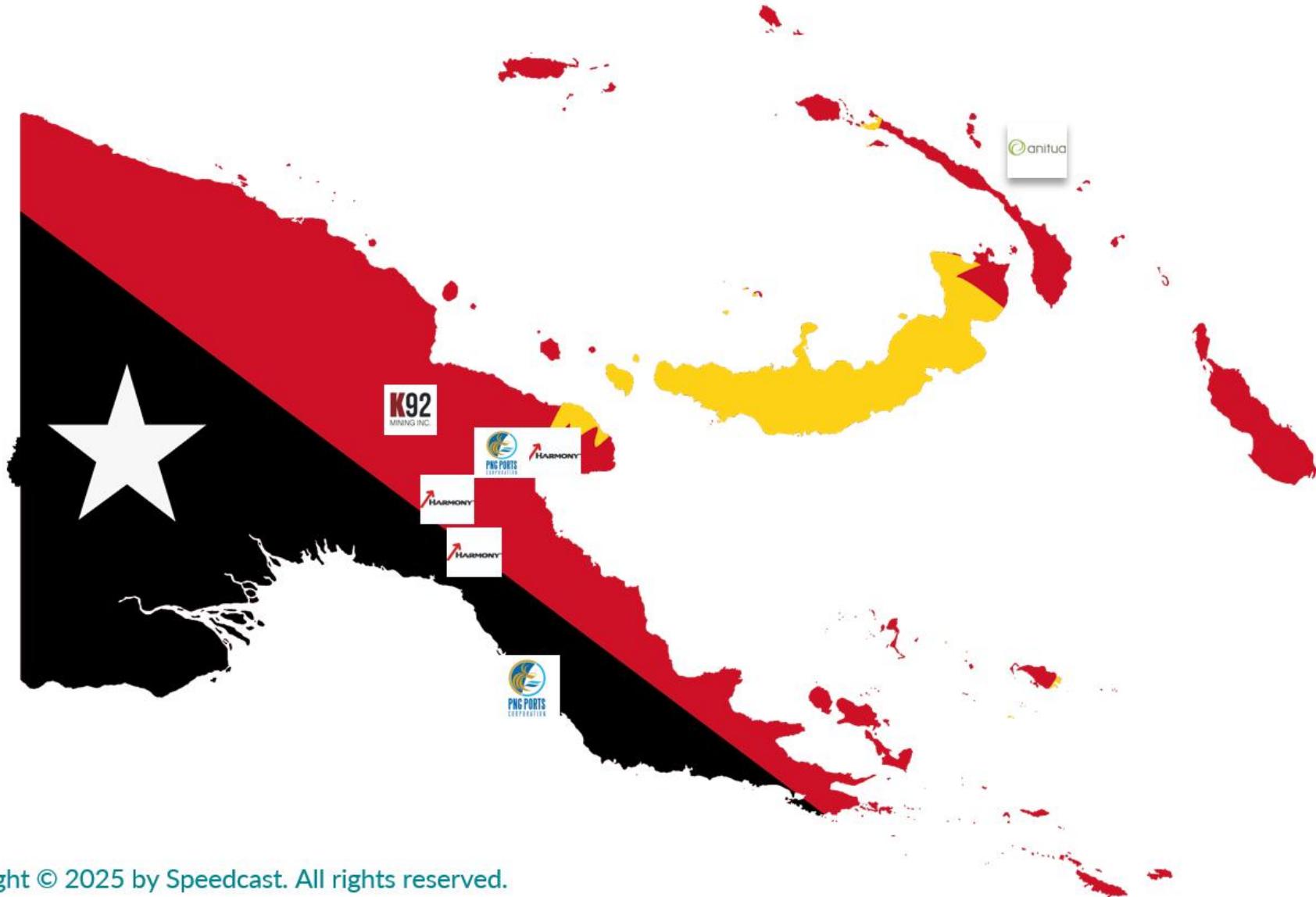
Roles and Responsibilities

Speedcast	Northern Territories	
Design & Supply, test and support all remote site equipment.	Repair, Maintenance & local Support	
Integration and Network design authority; and support and Management of the Hybrid solution	Transportation to specific sites and departments, On-site build and commissioning	



Speedcast Sigma POPs

Carrier grade local Internet access driving higher performance & lower latency on your network



Thank you!



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