

CASE STUDY

Fixed Wireless Network Performance Improvement

CLIENT | NBN



ABOUT THE PROJECT

INDUSTRY	Telecommunications
SERVICES	Telecommunications Network Deployment
SOLUTIONS	Fixed Networks Business Intelligence OSS/BSS
DURATION	1 year

THE CLIENT

NBN Co. is the government owned organisation responsible for the design, construction and operation of a ubiquitous wholesale only broadband access network to residential and business premises across Australia.

NBN Co. faces several challenges in designing and deploying network infrastructure, not least the oversubscription of services on Fixed Wireless sites due to the high demand for OTT platforms such as Netflix, Facebook and Telecommuting applications. Residents and businesses in these regions were experiencing poor service and therefore NBN Co. had to quickly solve transmission performance issues to ensure minimal impact to end user satisfaction.

THE PROJECT

\\Fixed Wireless Network Performance Improvement\\

GQI provided a multi-skilled team of Wireless Subject Matter Experts to ameliorate underperforming fixed wireless sites on the NBN network which were congested due to high uptake of NBN Services within a short timeframe.

THE STORY

Through a high integration with NBN and Ericsson's engineers, GQI's team reduced the percentage of congested Transmission links from 17.5% to 1.6% of the overall FW Network, significantly improving network performance and end-user experience in regional areas. From a legacy perspective.

THE BENEFITS

GQI drove business improvements to transmission and RF performance, data management and network performance reporting ensuring that project activities were delivered as per the customer's requirements.

Reporting and Project Management activities included a weekly status update to the NBN Steerco, including the preparation of C-Level information packs with details of project status, risks & mitigation, and detailed task breakdown.





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