

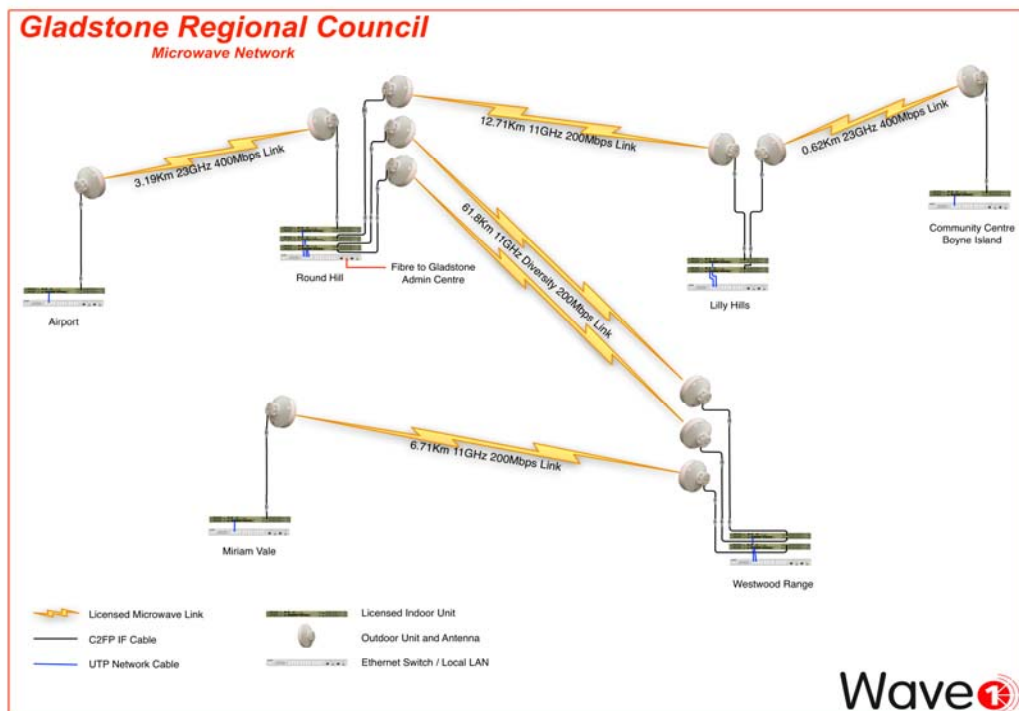
About Gladstone Regional Council:

Gladstone Regional Council was formed as part of the Queensland Local Government Reform process. The new Regional Council incorporates the former Gladstone City, Calliope and Miriam Vale Shires.

The new Council is situated in Central Queensland. The primary focus of the Council is the continued delivery of high levels of customer interaction and services. To this extent, Council is maintaining customer service and administrative presences in all previous administrative locations.

Objective:

Due to the recent amalgamation, the newly formed Regional Council required a Wide Area Network to link the facilities of Gladstone & Miriam Vale Offices together.



The key objectives of this project include:

- To provide a cost effective, flexible and reliable IP WAN solution between Council Offices, scalable to meet current and future (five year outlook) requirements.
- To provide the highest possible level of performance and availability for Councils business systems including QoS for VOIP.
- The solution needed to offer high speed communications with a minimum of 100Mbps full duplex with high availability as this communication solution would be critical to the Council's day to day operations.

Microwave technology was viewed as a possible communication medium for this project, however there was no direct line of sight between the Council buildings.

The Solution:

The Council identified a possible repeater site at Westwood Range, Round Hill and Lilly Hills. The repeater site had clear radio line of sight.

As part of this wide area network upgrade, the Council also wished to upgrade the Airport and Boyne Island Community Centre links.

With this long term view in mind the Council went out to the market in the form of an open Tender. The guide lines for the Tender was for high speed carrier grade licensed microwave service with high system availability and strong support.

The open Tender was won by Wave1 with an innovative solution that offered five state of the art, high speed carrier grade licensed microwave systems (the MV400). The solution met all the technical requirements and was well within budget.

The installation has given the Council a high end business grade solution with comfort of having on-site spares supplied and maintained by Wave1 as well as the support of the Wave1 engineering team behind them.



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Installation of one of the main microwave antennas

The Result:

The Wave1 microwave solution provided Gladstone Regional Council with a fixed cost solution that met their immediate bandwidth requirements but also allows for future growth & expansion.

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Customer Testimonial:

We (Gladstone Regional Council) required a wide area wireless network that would enable us to connect all 4 sites together within a very short time frame.

After scouring the market for a cost-effective solution, not only was Wave1 equipment the top performer in its class, it was one of the very few product lines that could withstand our extremes of weather and provide a high bandwidth link over long distances such as 63km.

The Wave1 microwave solution gave an incredibly fast solution that delivered what we needed. They are a very professional group and we would have no hesitation recommending them to other prospective customers.
A great job, many thanks

Greg Clarke,
Manager IT Communications and Projects
Gladstone Regional Council.



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