

SKYY 
CABLE & WIRELESS



Delivering *quality service* with a *client focus* every time.

SKYY Cable & Wireless

Skyy Cable and Wireless offer a communications and infrastructure service from design and planning through to construction and installation. After completion, we're here to support you into with your operations and maintenance program.

Our highly-qualified team has the experience and technical skills to meet your infrastructure needs. Whatever the scale or complexity of the project, our staff are committed to delivering the outcomes safely, on time and on spec.

We understand the need to be responsive and flexible and we always make time to discuss your requirements.

Skyy Cable and Wireless are proud to be a reliable, capable, and trustworthy partner to our clients in the successful and safe completion of their projects.

AT YOUR SERVICE


We work to meet and exceed our customers' expectations. We promise to deliver end-to-end innovative and agile solutions that solve your toughest communications challenges. **We look forward to assisting you in your next project.**

Industries we work with:

- Oil & Gas
- Manufacturing, Chemical & Industrial Sites
- Roadwork & Construction Projects
- Agriculture
- Land development & Residential Properties

MISSION

SKYY Cable & Wireless is a leading facilitator/ enabler/ provider of 5G infrastructure throughout WA/Australia. Our mission is to be the most trusted provider of 5G installation by consistently delivering a quality, client focused and innovative service.



Our experienced team are committed to ensuring your project is handled with the highest level of importance. You can be assured of real time, accurate and reliable communications throughout"

Gurpreet Kahlon (Raj)
SKYY

How we work

We provide superior wireless technology solutions which meet client expectations as well as all regulatory and safety requirements.

Committed to quality and excellence.

"Your project goals are OUR project goals."

OPERATIONS

Our highly qualified and experienced employees are process driven and proactive. The team think on their feet and resolve issues safely and innovatively to ensure the smooth running of each project.

DEVELOPMENT

Ongoing training and upskilling programs keep our skills at the forefront of industry best practice which is essential to successful project outcomes.

AGILITY

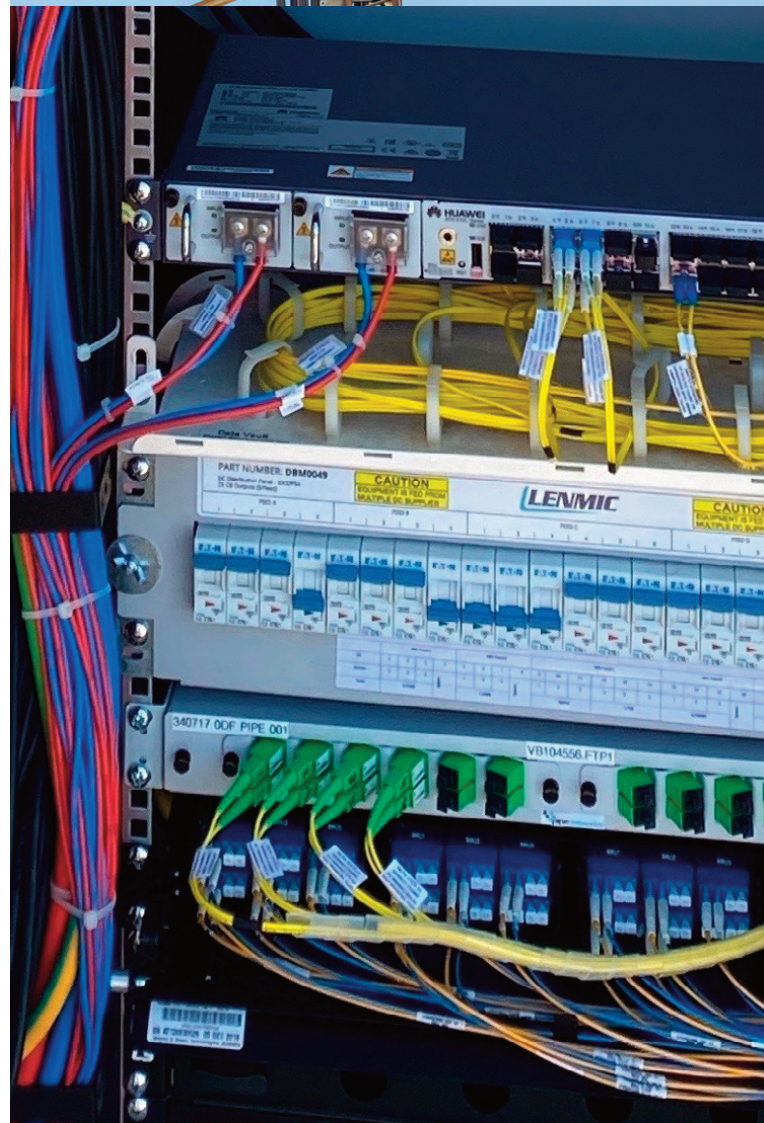
We listen and respond to specific clients needs and timescales. Each contract is unique but our standards remain the same. We advise on best practice and ensure clients fully understand the specifications of the project.

COMMUNICATION

Excellent communication is the key to client satisfaction. We maintain an honest and open working relationship from project conception through to completion. Transparency and accountability ensure clients understand their project status and cost at all times.

SAFETY

Safety is our first consideration in all that we do. It's embedded in our organisational culture and operating systems. It's how we carry out our business every day.



5G Infrastructure Done Right

5G is the future where interconnection of devices is a reality and immersive experiences are the norm.

5G is the next generation of mobile broadband that will eventually replace, or at least augment, your 4G LTE connection.

SKYY CABLE & WIRELESS ARE 5G INSTALL READY

Enlarging the 5G network requires the installation of many more transmitters, themselves connected to existing networks including fibre and microwave.

Our team are fully qualified in:

- 5G architecture
- 5G installation - upgrade and new tower requirements
- 5G Internet including network reconfiguration and virtualisation support
- small cells for 5G, mobile clouds, cognitive radio technology, and white spaces
- 5G communication security.

Our team is expert in providing services to all types of towers in the toughest of environments safely.

They have gained experience while working across different scenarios and have developed an understanding of what is required to delivery scope safely.



The Skyy Cable and Wireless teams are made up of highly specialized:

- Engineers
- Technicians
- Riggers

Each are fully trained, qualified, experienced and capable of delivering complex 5G projects.

5G installation work is largely divided into two categories.

Upgrade of existing tower:

The existing 3G/4G infrastructure is upgraded into 5G. This involves installation of

- new antenna,
- RRU, BBU etc. based on the plan issued.

Installation of a new tower:

The new tower is either

- ground-based monopole
- mast to a rooftop monopole
- 3-4-legged lattice

RIGGING

Our Riggers are highly skilled in the install, testing and maintenance of telecommunications equipment mounted on high structures. This includes fault finding. The team are also trained to assess and plan installation requirements.

INSTALLATION

Our installation teams are supremely qualified in telecommunication networks and their components.

This includes Fixed Access devices (Ethernet SDH, DWDM, PDH, PTN, IP/MPLS, EPABX and VOIP) and Wireless devices (LTE, Microwave, UBR, LMDS, Small cells).

The install team work collaboratively with the technicians to ensure equipment meets safety, efficiency and calibration procedures.

5G for our Future

WHAT IS 5G?

5th generation mobile services which are the next step in the mobile network technology.

The Evolution of Wireless Communications - maybe a diagram form the info?

1G was all about ability to make a call while moving around

2G gave us the sms and photo messaging

3G provided us with mobile internet and applications

4G was about fast streaming and sharing, high speed data

5G is all about ultra-fast internet speed where the downloads are a matter of seconds, seamless streaming, real-time gaming.

THE CORE NETWORK

This is the mobile exchange and data network that manages all the mobile voice, data and internet connections.

For 5G, the 'core network' is being redesigned to better integrate with the internet and cloud based services and includes distributed servers across the network improving response times (reducing latency).



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