

Private 5GaaS

URSYS is a multilayered partner of CID Group, the leading provider of Private 5GaaS across Australia.

A private 5G network is a dedicated wireless communication network that operates independently from public mobile carriers. It provides high speed, low latency, and secure connectivity for businesses requiring reliable and customised network solutions.

Major Benefits

Dedicated Spectrum	CID Group holds an extensive array of spectrum licenses, ensuring secure and reliable private network deployments for our customers. Our licensed spectrum provides guaranteed performance, interference free connectivity, and enhanced security for heavy industry applications.
Ultra Low Latency	Real time communication for automation, AI, and robotics.
High Security	Full network encryption and access control to protect sensitive data.
Customer Coverage	Built specifically for your facility, campus, or industrial site.
Edge Computing Power	Reduces reliance on cloud processing, improving network responsiveness.

Major Features

SIM-Based Authentication	Private 5G networks use dedicated SIM, which are installed in devices such as smartphones, tablets, IoT sensors, and routers. These SIM cards are preconfigured to connect exclusively to the private network, ensuring secure access and controlled connectivity.
Wireless Connectivity Through Radio Access	Devices communicate wirelessly with radio units that transmit 5G signals. These radios are strategically placed to provide reliable coverage across indoor and outdoor environments, including industrial sites, campuses, and remote areas.
Core Network and Data Processing	Once the 5G signal is received, it is processed through a central network controller, managing data flow, security, and authentication. The network can support localised data processing, reducing reliance on external infrastructure and improving speed, security, and reliability.
Seamless Integration with Enterprise Networks	The private 5G network is connected to an organisation's internal IT systems or the broader internet, enabling custom applications, secure communications, and IoT solutions. It can also integrate with existing Wi-Fi, public 5G, and cloud platforms to enhance operational efficiency.



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