PRIVATE NETWORKS

Your Network, Your Way

Comsol's Private Networks solutions are designed to fit your unique needs, delivering innovation, reliability, and speed to support critical operations across industries in even the most remote areas of South Africa.

WHY COMSOL?

Customised solutions

From robust Private 5G for mining to reliable Wi-Fi for offices, we integrate multiple technologies to meet your unique requirements.

Tailored for performance

Our networks are designed to adapt to specific conditions, supporting critical operations with reliability, security, and speed.

Driving efficiency and productivity

Enable autonomous machinery, streamline workflows, and maintain seamless communication to boost operational control and safety.

Dedicated licensed spectrum

Leverage exclusive, interference-free spectrum for secure and reliable connectivity in mission-critical environments.

SLA-based services

Our solutions come with SLA-backed reliability and performance guarantees, ensuring peace of mind for your operations.

One size doesn't fit all

Comsol creates cohesive, high-performing networks that deliver the perfect fit for your business challenges.

Expertise in Private Networks

With decades of experience across industries, including mining, manufacturing, logistics, education, and smart cities, we design and deploy solutions precisely tailored to your operational needs.

OUR
PRIVATE NETWORKS
SOLUTIONS

PRIVATE 5G

Experience secure, low-latency connectivity with Private 5G. Designed for industries like mining, manufacturing, and logistics, it supports real-time data analytics, automation, and operational technology (OT) systems, enhancing efficiency and productivity.

WI-FI

Stay seamlessly connected with high-performance Wi-Fi solutions powered by the latest Wi-Fi 6 technology. These networks provide secure, reliable coverage for offices and industrial sites alike.

HIGH-CAPACITY ON-CAMPUS CONNECTIVITY

Achieve speeds up to 10 Gbps with scalable solutions for educational institutions, municipalities, and businesses. These SLA-backed networks are built for IoT applications, big data analytics, and other data-intensive needs.

INDUSTRIES WE SERVE

Mining   Manufacturing   Ports & Logistics   Education   Smart Cities   Retail

EXPERIENCE **THE COMSOL ADVANTAGE**

Transform your operations with networks built for your most demanding requirements. Whether modernising a factory, securing a mine, or building a smart city, Comsol delivers reliable, customised solutions that enhance safety, efficiency, and productivity.

Contact us today to learn more!