

Accelerating towards a Gigabit Future

The evolution of gigabit has truly changed the telecommunications industry landscape.

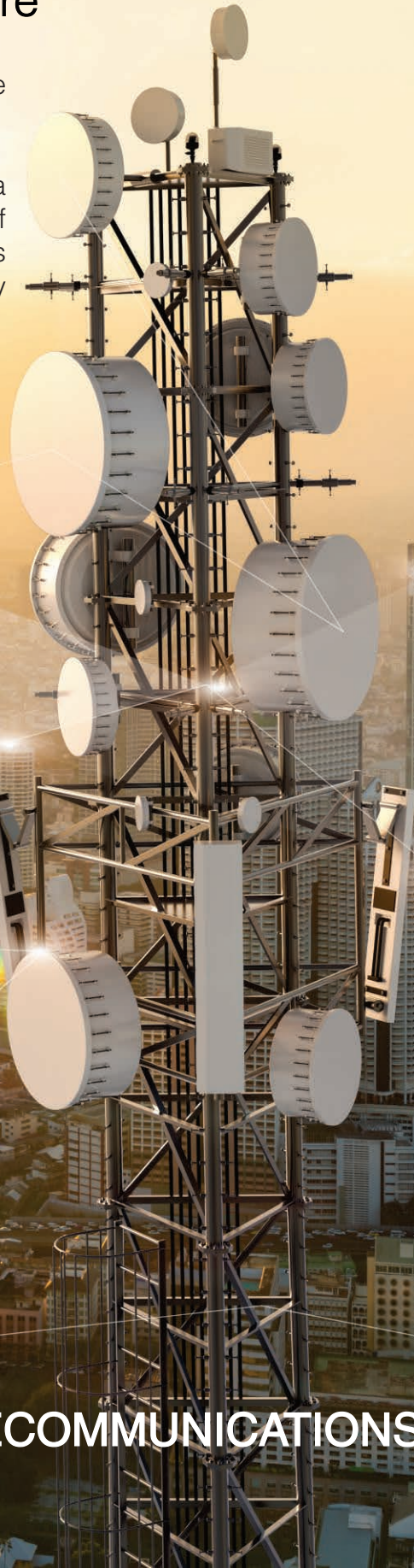
Telcos are facing a significant demand increase, driven by a rapid growth in data consumption and also the challenge of reducing cost per GB of data. They are transitioning towards new age networks and making investments in connectivity infrastructure.



5G



TELECOMMUNICATIONS



Telecommunications companies play a crucial role in connecting people and businesses, therefore many changes are required to remain competitive and to satisfy the customer demands. The dynamic changes in technology experienced in this decade calls for fast adaption and innovation by the telecom industry.

A global Telecommunications Service Provider (TSP), RMSI provides domain specific engineering and telecommunications solutions that address the entire industry landscape. Our core delivery capabilities cover network engineering, provisioning & solution development across wireline and wireless networks.

Powering digital transformation in Next Generation Networks

Key Solutions



Gigabit Fibre Engineering Design

Full service end-to-end turn-key engineering partner, providing gigabit broadband capable networks including Fibre (FTTx) and HFC networks.

Wireless Network Engineering

Comprehensive 4G & 5G network design engineering services to help you deliver network expansion and optimization goals.

Network and Service Provisioning

Delivering end-user services consistently and efficiently with our comprehensive provisioning services ensuring speedy deployment.

Gigabit Fibre Engineering Design

RMSI is a full service end-to-end turn-key engineering partner which provides gigabit broadband capable networks, with domain specific engineering solutions across all technologies including Fibre (FTTx) and HFC networks. We have over 20 years of experience in supporting our clients globally with the delivery of fixed network designs that are optimized for performance and cost of deployment. Our safety conscious culture provides the inclusion of design controls to address Hazard Identification, Risk Management & Heritage and Environmental Assessment.

In addition to the extensive experience across all leading industry platforms such as Synchronoss SpatialNET, Esri suite, GE Smallworld, Ericsson NE, Autodesk's AutoCAD, QGIS, IRIS, Magellan, ARAMIS DT, IQGeo, IKE, Katapult, LoadData, O-Calc Pro, SPIDAcalc, Bentley's Microstation, Mapinfo, IQGeo, Magellan, IKE/OCALC, Aramis, QGIS and other custom OSP applications, RMSI also develops innovative in-house tools to improve the efficiency and quality of service deliverables. Our proprietary in-built DesignX and R-Field applications enable real-time coordination between design and field teams supporting the delivery of optimised designs.

Key services include:

- Wireline network planning and design for gigabit broadband
- Construction plans including Bill of Materials & Qualities and straight line diagrams
- Permit drawings & statutory approvals processing
- Network analytics & reports
- Field surveying & network audits
- Pole loading analysis & Make-ready engineering
- As-built documentation & system updates

We significantly speed up your network deployment with optimised and constructible designs, that are fully compliant with all regulatory and engineering standards

Wireless Network Engineering

RMSI's comprehensive 4G & 5G network design engineering services help you deliver a seamless network expansion and fulfill your optimization goals. Regardless of the project size and complexity, our team is capable of designing and delivering the project with flexibility to scale-up and down in accordance with the planned workflow demands.

RMSI service offerings enable the deployment optimization of 4G & 5G ecosystem via new technologies in radio, network slicing, massive MIMO, complex beam forming, fibre back-haul connectivity, edge and cloud computing.

Our team comprises structural, electrical and RAN engineers, certified by the local accredited bodies and skilled across industry leading load analysis and design applications: Microstran, MSTower, OpenTower Designer, CheckWind, CheckPole, SPACE GASS, Blue Beam etc.

Key services include:

- Macro site mobile tower / monopole / rooftop design
- Greenfield / Brownfield site design
- 5G small cell design
- Homing macro-site survey & design
- BBU installation, integration, commissioning & call testing
- In-building coverage (IBC)
- Fibre back-haul connectivity engineering
- RF optimization
- 3D city RF modelling
- WiFi / IoT design



The industry is rapidly evolving, with a growing need for network modernization to meet increasing demand for dynamic capacity and bandwidth

Network and Service Provisioning

In an environment where competition is strong and technology is rapidly evolving, speed of deployment and customer experience is critical. RMSI helps you deliver end-user services consistently and efficiently with comprehensive provisioning services.

RMSI's global team of network and service provisioning experts are experienced in connecting customers and upgrade to the next generation networks. Our services cover the full network and provisioning life-cycle, from design, pre-provisioning, post-provisioning and testing activities.

Skilled and certified networks engineers across: CISCO, Ericsson, Juniper, Nokia, AlcatelLucent, Ciena, Aruba, Ribbon etc.

Key services include:

- Order creation & management
- Design & 3rd party management
- IP / VPN / VOIP services management
- Number portability & asset management
- Cutovers & testing
- QoS management
- Technology migrations to NextGen Carrier Ethernet
- Network modernisation & optimisation
- Interstate DWDM capacity management
- Management of core & distribution networks over SDN
- Design the diverse networks for Carrier Ethernet
- Migration of 4G/5G & SDN services to the NextGen platforms

Key Differentiators



Safety
Conscious
Culture



Customer
Centric



Quality
Certified



Global
Scale



Technology
Domain
Expertise



Focus on
Technology &
Innovation

At RMSI we apply a people oriented approach, simultaneously focusing on technology innovation to achieve customer excellence



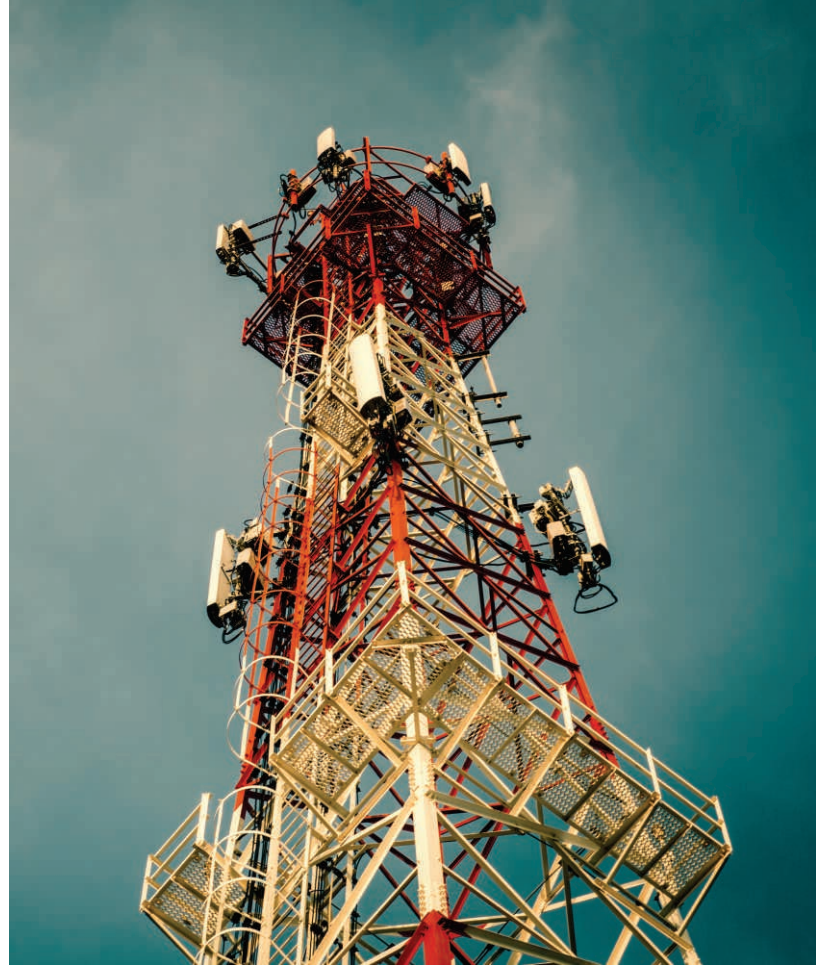
We help telcos to stay agile, manage and modernize their networks, and rapidly deploy new service solutions, delivering next generation technologies seamlessly for their customers.





Operating models

RMSI is a global company with a client base spread across 30 countries that has enabled us to develop a variety of flexible operating models to suit client's needs based on size, cost & timeframe. The models allow organisations to adapt quickly to changing market conditions, customer needs, and regulatory requirements in various geographical locations.

We have a highly skilled, certified and motivated workforce that operates off-shore and locally to deliver project requirements to a high standard of quality.

Achieve more with less: Leverage our scalable staffing solutions to efficiently scale your operations, matching your dynamic market demands.



1	2	3	4
 On-Site	 On-Shore	 Off-Shore	 Hybrid (On-shore & Off-shore)
<p>Teams work directly out of the client's office using the client's equipment</p> <p>Meeting all project SLAs related to resources, ramp-up, throughput & quality</p> <p>Pricing based on labor time and material rates</p>	<p>Teams are located 100% on-shore in the client's home country working out of our secure facilities</p> <p>Meeting project SLAs</p> <p>Pricing based on either labor time & material rates or SoRs (Schedule of Rates) deliverables</p>	<p>Teams are located 100% off-shore in our secure facilities based in India</p> <p>Meeting all project SLAs</p> <p>Pricing based on either off-shore labor time & material rates or SoRs (Schedule of Rates) deliverables</p>	<p>Customised delivery model to provide optimized delivery for both operational cost and local client engagement</p> <p>Meeting all project SLAs</p>

Success Stories

RMSI has experience in delivering engineering expertise on major infrastructure networks globally, including North America, Europe, United Kingdom and Australia. Some of our success stories include;

Gigabit Fibre Engineering Design

- Enabling gigabit broadband capability through the delivery of planning & design engineering services for Australia's national broadband network rollout
 - Delivering Design services to upgrade Copper & HFC (hybrid fibre coaxial) networks for leading American telecommunication providers
 - Providing end-to-end planning and design engineering services to multiple UK based telecommunications companies deploying gigabit fibre connectivity
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Wireless Network Engineering

- Wireless Engineering services encompassing structural, electrical and RAN designing for deployment of 5G network for a leading Australian operator
 - Providing engineering services for mobile network modernisation including transmission and capacity upgrades
 - Wireless Tower Designing for 5G network deployment for a leading mobile operator in UK
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Network and Service Provisioning

- Network design and provisioning engineering services for customer orders for a leading telecommunications company, Australia
- Supporting a next-gen transport modernisation program with design engineering & provisioning services to upgrade fixed and mobile core, distribution and access networks in Australia

Assisting telcos enhance their network initiatives by providing tailored engineering solutions

Technology

We have demonstrable experience on all leading industry platforms



About RMSI

RMSI is a global IT company providing geospatial and software solutions to clients in sectors ranging from utilities, communications, navigation & location-based services, natural resources, land & infrastructure, to government & funding agencies.

RMSI is one of the largest geospatial employers with an employee base of over 6000 resources and is consistently ranked amongst the top companies to work for. RMSI has three state of the art development centers in India, and five fully owned international subsidiaries in US, Canada, Australia, UK, and Middle East.



Our Global Offices

Australia

RMSI Australia Pty Ltd.

Canada

RMSI Canada Inc.

India

RMSI Private Limited

North America

RMSI North America Inc.

UAE

RMSI Middle East Limited

UK

RMSI Ltd.

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