

COMMUNICATION TECHNOLOGIES

Engineered for extreme connectivity



1st 5G network at sea

LMT pioneered maritime 5G deployment for autonomous, defence and industrial applications



99%+ population coverage

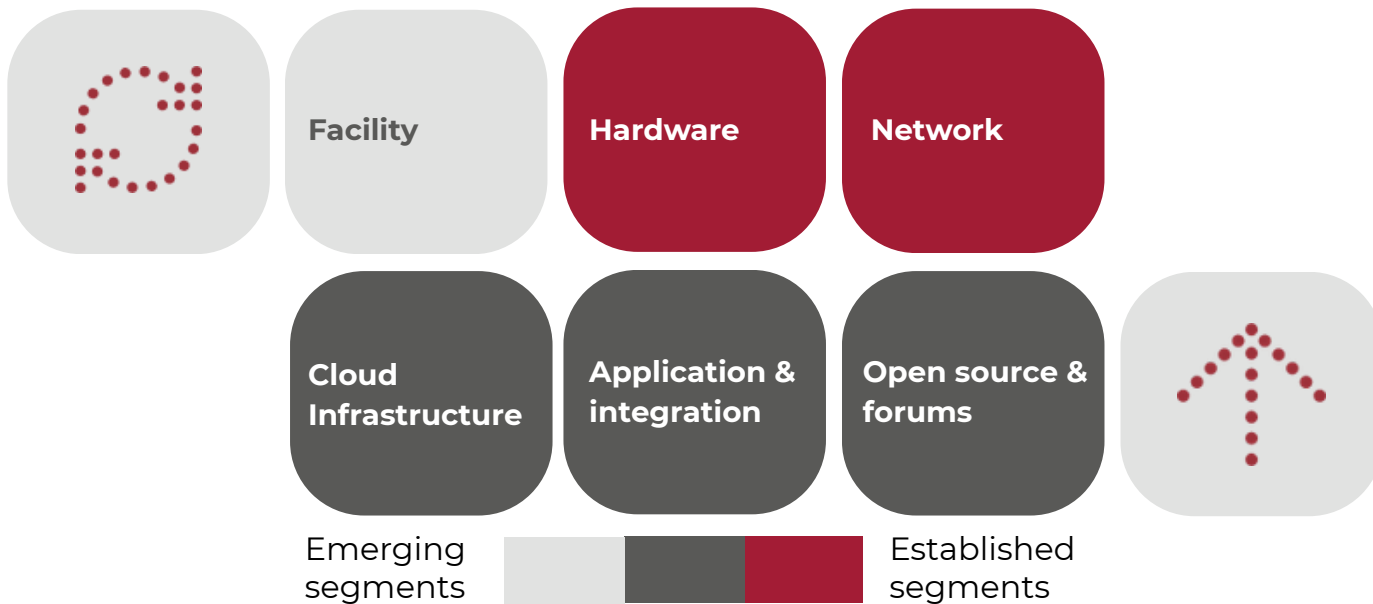
Near-universal mobile network coverage ensures nationwide connectivity, supporting IoT deployment, smart infrastructure and distributed digital services



Connectivity without limits

MikroTik hardware has been used to deliver connectivity on Mount Everest, validating its robustness for mission-critical, remote and high-risk deployments.

Communication Technologies value chain



Leading companies



From extreme environments to mission-critical networks



Eventech

Deep-tech provider of ultra-precise time synchronisation systems used in satellite, telecom and space-grade infrastructure.



MikroTik

Globally scaled networking hardware engineered for extreme reliability, validated by deployments from data centres to Mount Everest (~30 modems, up to 50 Mbps).



LMT

Field-proven 5G and mission-critical connectivity, including one of the world's first 5G deployments at sea.



SAF Tehnika

Niche leader in high-frequency RF and microwave systems powering carrier-grade and defence-grade communication networks worldwide.

Relevant Education Institutions



Applied research and testing infrastructure for next-generation communication technologies.

Institute of Electronics and Computer Science

Conducts applied research in wireless communications, IoT and sensor systems, offering test environments and prototyping support for industry collaboration.

Riga Technical University

Provides research and testing capabilities in 5G and wireless technologies, developed in cooperation with industry partners for validation in operational settings.

Institute of Mathematics and Computer Science

Contributed to the development of Latvia's quantum key distribution network, supporting research in secure and quantum-based communication technologies.

Electronic Communications Office of Latvia

Participates in EU-level initiatives related to electronic communications, supporting innovation and the development of the national communications ecosystem.