AI-driven Network Slicing Technology

FOR MARITIME COMMUNICATION

Intelligent Private 5G Slicing with AI-driven Telco Agents

SLICE SLA ASSURANCE	SLICE OBSERVABILITY	3GPP & O-RAN SLICING	SLICE AUTOMATION & SCALING

ADVANTAGES

OPEX Reductions

Dynamic Resource Optimization

Slice QoS Guarantee

Intelligent Slicing Empowered by NVIDIA NIM Microservices

Demo

Private 5G services for Maritime communication are dynamically optimized by AI-driven 5G Network Slicing Technology to prioritize and isolate mission critical traffics from passenger and remote inspection services.

Innovation

Slice Operator (SO), an evolved 3GPP Network Slice Management Function (NSMF), empowered by AI to autonomously provision slices by jointly performing 3GPP network slicing and O-RAN RAN slicing.

Impact

This AI-driven innovation is not only reshaping telecom operations but also has the potential to scale across industries like manufacturing, mining, and logistics, ushering in a new era of network efficiency and optimization.

A Breakthrough in Maritime Connectivity.
Transforming Network Operations.
Scaling Across Industries.