



Simplifying Private and Neutral Host Networks



www.mosonetworks.com

Who is Moso Networks?



Building 4G/5G Solutions

Designs and builds 4G/5G radios with a unified network automation and management platform

Pre-integrated with partner software for turn-key private network solutions



Simplifying Private Networks

Mission: simplify the entire private and neutral host network experience – from planning to deployment to management



15+ Years RAN Experience

Brings more than 15 years' experience building 4G/5G small cells for global Tier-1 operators

Delivering Simple Private and Neutral Host Network Solutions

Why Moso Networks?

→ Company

- > Tier-1 trusted, globally proven private and neutral host RAN
- > US-based, Sercomm subsidiary with strong financial stability
- > Vertically integrated capabilities with 15+ years' experience
- > Qualcomm-based, TAA Compliant private network products

Key Differentiators

- » **Simple, full-featured** Private 5G solutions – on-prem and AP-only architectures
- » **Cost-effective**, Feature-Rich All-in-One eNBs/gNBs (3x-10x cost savings)
- » **TAA Compliant** products
- » Proven **reliable** performance, delivery, support
- » Aggressive, private-network **specific 5G roadmap**
- » Agile **in-house** development and manufacturing
- » US and Taiwan team for **24x7 responsiveness**
- » **Products on-hand** for fast shipping and delivery
- » Diverse and expansive **ecosystem** relationships
- » **Trusted** technology partner with experience working with SIs, MSPs, and operators

Moso Customers



Tucson International Airport

Challenge

Tucson International Airport needed to connect cameras, smart signage, perimeter access management, and other systems, but didn't have the funds to run cables and had only an outdated wireless system.

Solution

Moso worked with Betacom to deliver a private 5G CBRS outdoor solution covering the entire airport to connect cameras, lightning sensors, and digital signage. The network enables additional use cases including perimeter security management in future phases.

Benefit

Moso private 5G are resilient and scalable to support the critical operations for airports. Once the network is in place, airports have the ability to accelerate modernization efforts and dramatically cut the costs of deploying equipment around the perimeters of the facility.



Smart Distribution/Logistics

Challenge

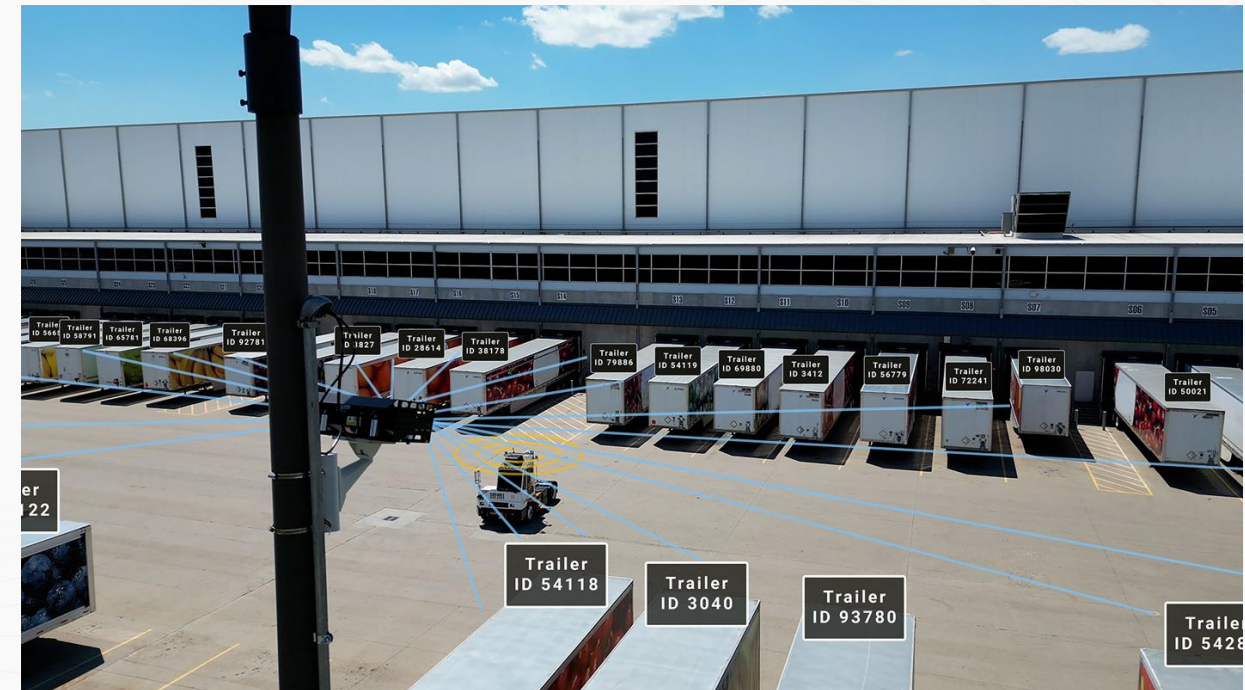
Meijer Grocery (a US national grocery store chain) needed a mix of indoor and outdoor connectivity for their distribution centers.

Solution

Moso was chosen to provide an outdoor private 5G solution that will provide connectivity across the entire distribution center to power Mitsubishi's Hubpilot autonomous distribution yard platform.

Benefit

The private 5G networks can enable rapid data transfers across expansive, multi-building warehouses and distribution centers.



Connected Remote Power Sub-Stations

Deployment in Q4 2025

Challenge

PG&E, a large California energy company, needs local wireless coverage to connect cameras, tablets, and other IoT devices at existing remote power sub-stations and hydro-power dams.

Solution

Moso will provide a CBRS outdoor private cellular solution using satellite backhaul to deliver local, reliable connectivity for the use cases above and allowing for more digitization in the future.

Benefit

Moso private 5G was selected because it is simple to install and offers local coverage anywhere – even in the most remote locations – to deliver reliable connectivity for their business operations and security.



Who are our customers?



System Integrators



Managed Service Providers



Operators



Top Tech Companies

Companies building private network solutions and/or providing managed services to enterprises

- > Networks that enable problem solving and new use cases
- > Solutions for networks large, medium, or small
- > Built for simplicity
- > Integrated use cases
- > Options to fit your business model



Manufacturing



Logistics



Healthcare



Office/Campus



Retail



Transportation



Education

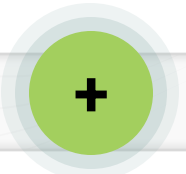


Government

Delivering Turn-Key Private Networks



- > **Private 4G/5G Network**
 - 4G/5G RAN
 - On-Premise Switch with PTP+PoE
 - Cloud/On-Prem Mgmt Software
- > **Verified Device Solutions**
 - 4G/5G UEs
- > **Technical Consultant**
 - RF Planning Support
 - Network Design Feedback



Technology Partners

- Core
- MOCN Gateway
- SAS
- Other Devices



SI/MSP/Operator/Channel Partner

- > Sales channel
- > Solution provider
- > Single point of contact for customers
 - System/Technology integration
 - Network Planning
 - Installation
 - Network life cycle management



Enterprise/
End-Customer

Moso Customers

Building an Ecosystem



Core and MOCN Partners



Technology Partners



Associations/Organizations



Find a Partner

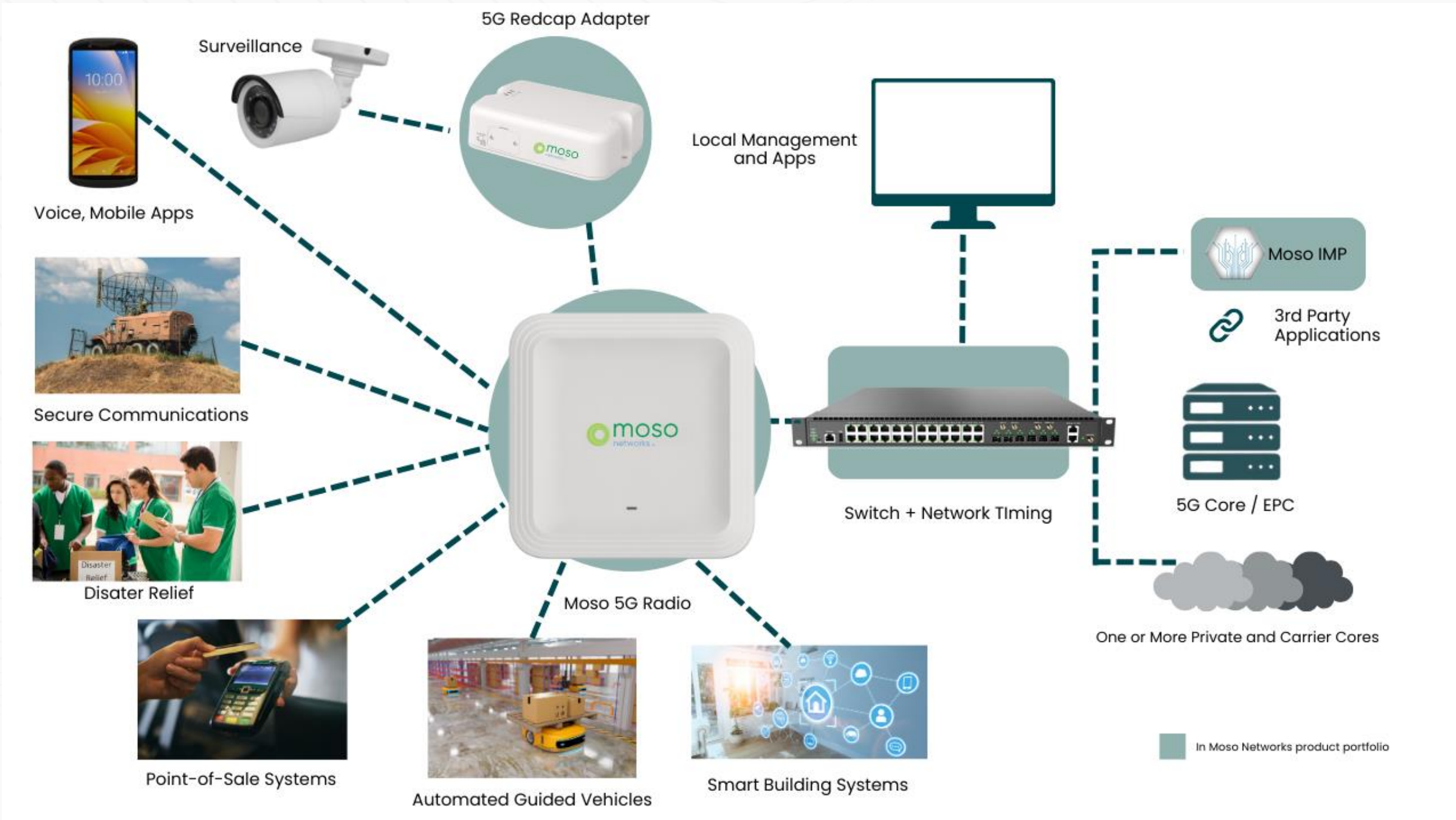
<https://www.mosonetworks.com/partners/>



Moso Portfolio & Ecosystem



Moso Private Networks Solutions



Moso Private Networks Portfolio

4G & Rel15 5G Radios



Moso Canopy 4GID1
4G Indoor
All-in-One eNB
B48

OnGo FC



Moso Canopy 4GOD1
4G Outdoor
All-in-One eNB
B48

OnGo FC



Moso Canopy 5GID1
Rel15 5G Indoor
All-in-One gNB
n48, n78, n77

OnGo FC CE



Moso Canopy 5GOD1
Rel15 5G Outdoor
All-in-One gNB
n48, n78

FC

Rel16 5G Radios

Coming Q3



Moso Canopy 5GID2
Rel16 5G Indoor
All-in-One gNB
n48, n78, n77

OnGo FC CE



Moso Canopy 5GOD2
Rel16 5G Outdoor
All-in-One gNB
n48, n78, n77, n79

OnGo FC CE

PTP Switch



Moso Concord
Smart Ethernet Switch
PTP + PoE + Data

User Devices



Moso Connect 5G
RedCap 3GPP Rel17
Multi-Band
Ethernet Adapter



Moso IMP

Private Network RAN and Device Lifecycle Management
Cloud and On-Prem Options
Fault-Tolerant, Redundancy Available
Integrates with Existing IT/OT Systems

Key Functions

- Automated Radio Provisioning
- Advanced Diagnostics
- KPI and Alarm Collection and Reporting
- System Access Control
- CBRS Domain Proxy
- Secure APIs for Partner Integrations

Moso Canopy 5GID2 and 5GOD2 are the most advanced private network 5G all-in-one radios on the market

Industry's first Rel 16 private 5G gNBs built on the [Qualcomm® FSM200 5G RAN platform](#). Introduces several new capabilities enabling critical benefits for customers such as increased coverage, simultaneous multi-carrier support, ultra-low latency, and high reliability.

Key features and capabilities include:

- Delivers improved **4×4 cell edge performance** for both downlink and uplink connections
- Supports **carrier aggregation** for expanded downstream bandwidth
- Provides **simultaneous multi-carrier operation** with a single radio – n48/78/77
- **Software tunable frequency** in a single SKU – n48/78/77
- Enables **advanced network slicing** for low latency and high reliability applications
- **5G RedCap** to enable expanded device connectivity and 5G IoT
- Simple to deploy with **pre-integration with multiple core vendors** and automated provisioning/management with Moso IMP





THANK YOU

