

Enabling the Edge with Flexible 5G RAN Technology



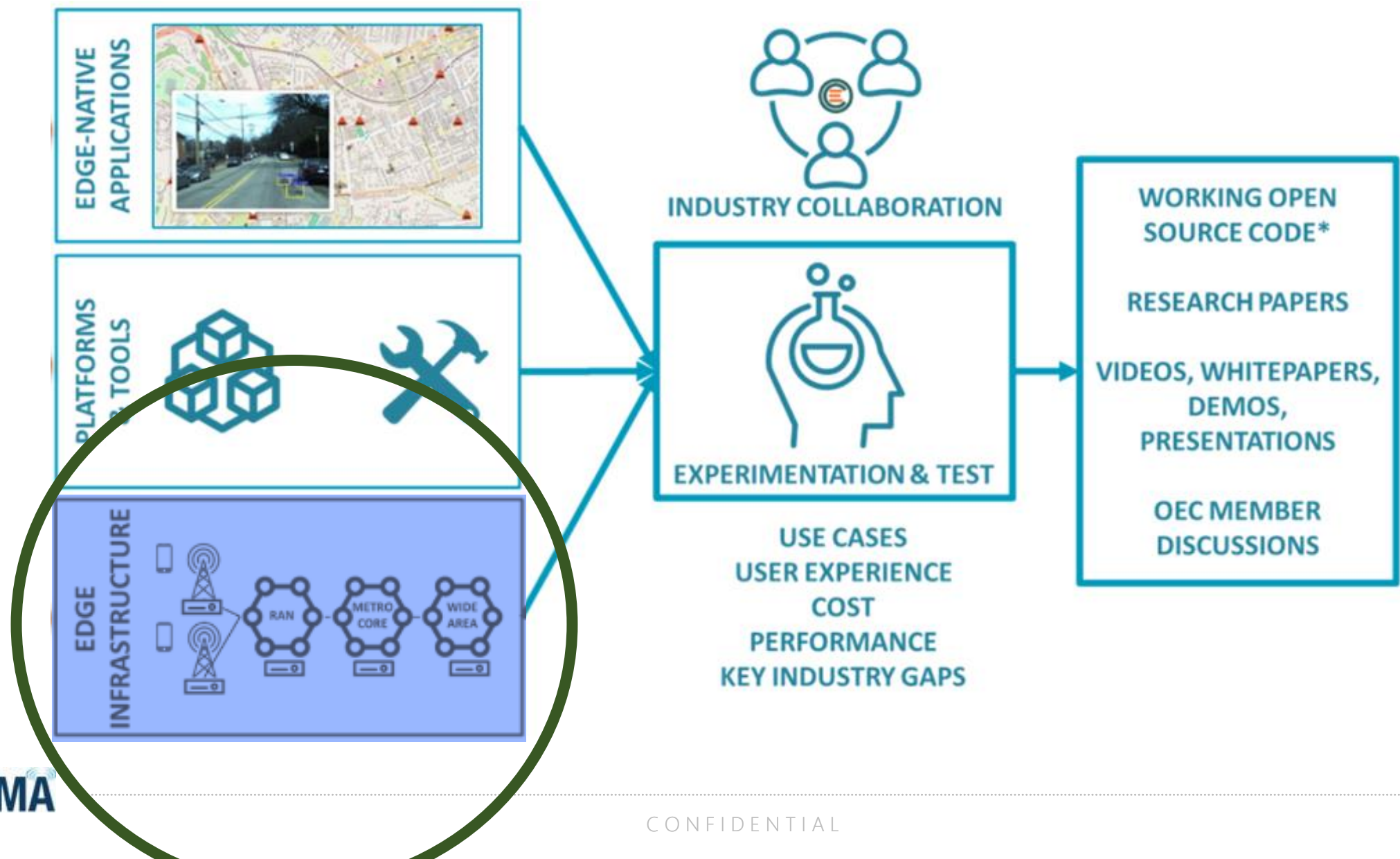
Todd Landry, Vice President
Industry Solutions Innovation
Office of the CTO

Carnegie
Mellon
University



openEDGE computing

Executing on Key Elements of the LEL





JMA – A Modern-Day Approach for Wireless Networks

Enable new business infrastructures to efficiently outmaneuver those with traditional approaches

LEGACY

Monolithic, hardware-centric,
complex site by site builds, limited
to no edge feature enablement

Single vendor, proprietary
interface and full stack preference

Forced hardware upgrades to add
latest features, complex command-
line oriented commissioning



MODERN



Software & virtualization centric, Dynamic
capacity at the edge, controlled from the cloud



Commitment to open interfaces, plug-n-play
with best-in-class partners, own the technology

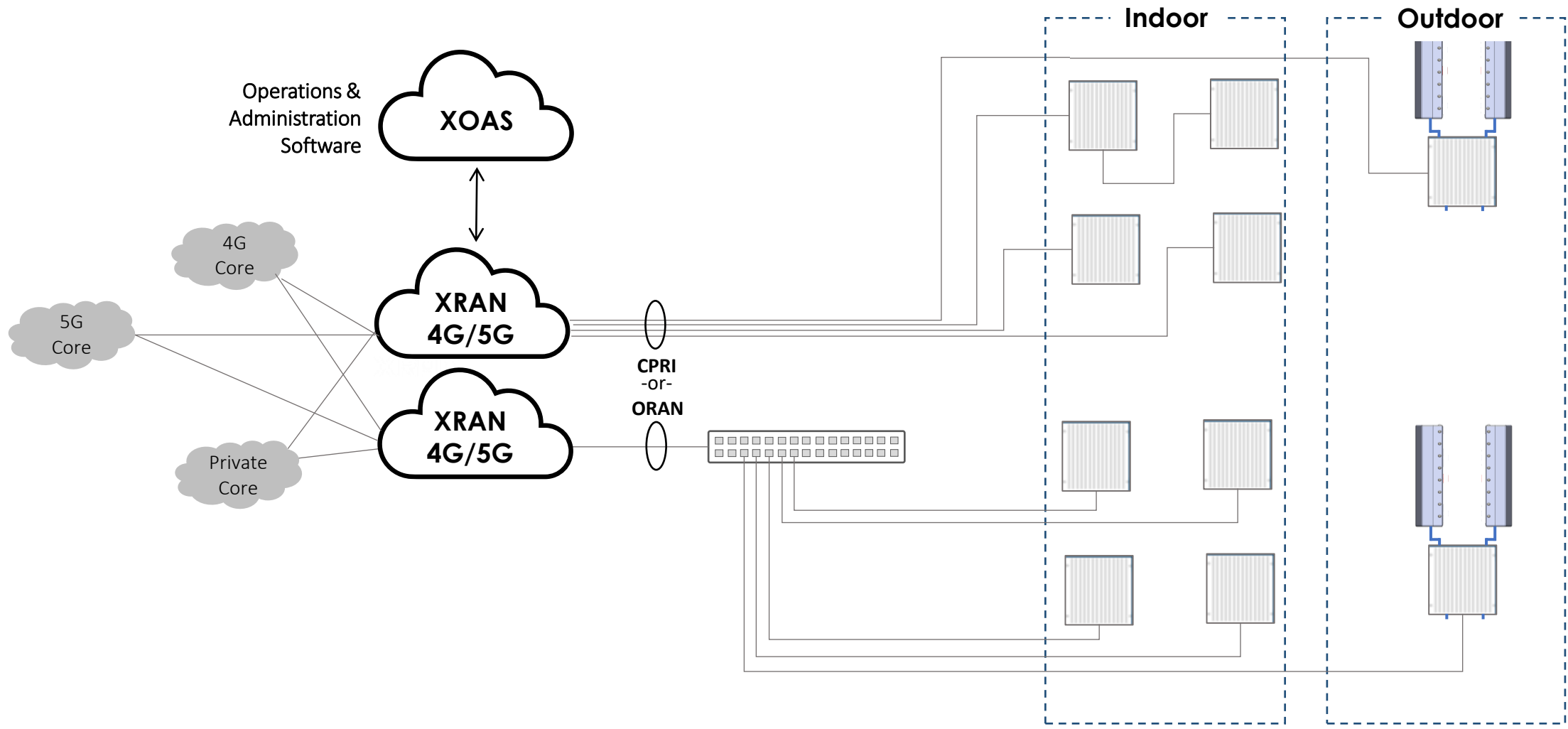


Add features through software and cloud-
centric operations, no hardware dependencies

Extensible Private Wireless Edge Infrastructure using OnGo CBRS Spectrum



Complete & Flexible 4G & 5G Software Solution Architecture



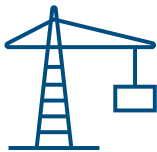
Many Commercial Applications Ongoing Now



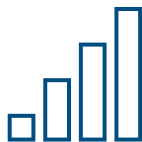
Manufacturing
& Warehouse



Department
of Defense



Long Term
Construction



MNO
Service



Major Sports
League



Auto
Racing

Performance
Workstream Sliced
Persistent Connections

U.S. Based
OpenRAN
Spectrum Aligned

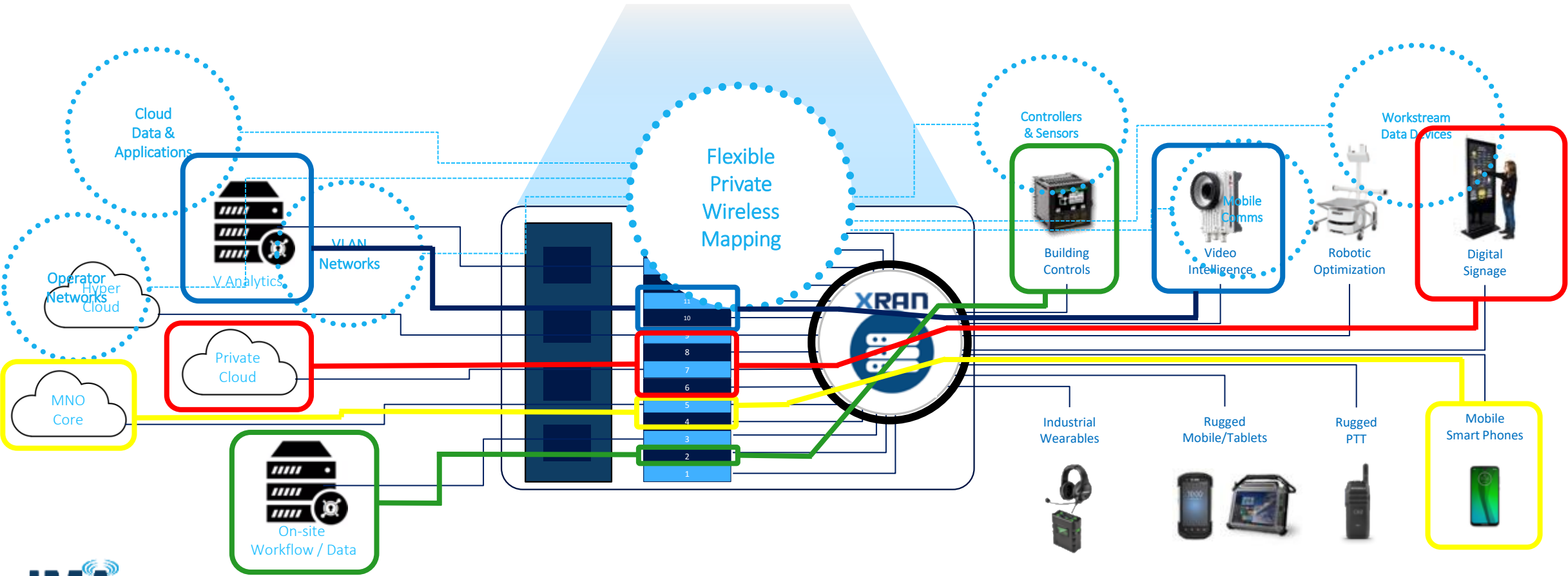
Adapts to Site
Scales to Need
Migrates to Venue

Multi-Service
CBRS + 5G
Untrusted BH

Mission Critical
Nationwide System
Managed Service

Team/Ops Sliced
Track-wide
Track-Cell Video

Creative Segmenting / Slicing to Creative Use Cases





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