C U S T O M I Z E • O P E R A T E • C A P I T A L I Z E

bubble ran

DELIVERING CLOUD-NATIVE 4G/5G SOLUTIONS

OUR TECHNOLOGY

bubble ran

YOUR NETWORK

We are helping organizations to seamlessly build, customize, and operate their private 4G/5G infrastructure by consolidating open RAN and cloud-native architectures with a green MANO/SMO offering more than 10x efficiency and delivery cycle with lower carbon footprint for a wide range of R&D and enterprise use-cases from the lab to the production environment.

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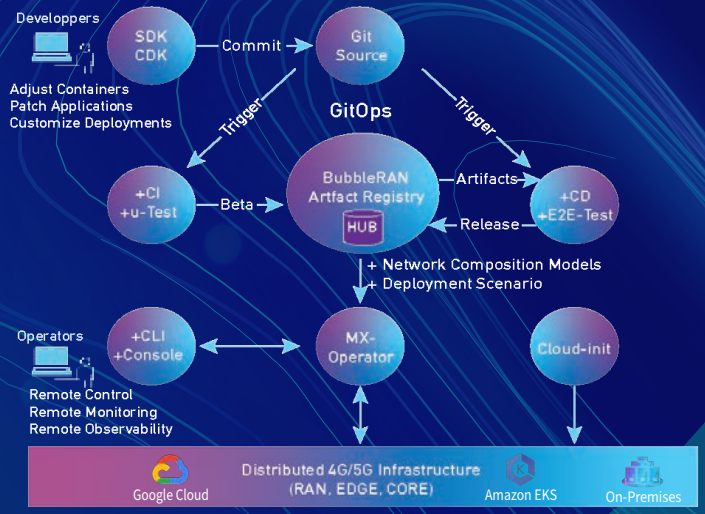
BUBBLERAN DEVOPS TECHNOLOGY

This environment offer more than 10x efficiency and delivery cycle to develop, validate and release the 4G/5G network as a service. Its enables emerging operators to gain control over the whole network operations from day 0 to day n.



1.Packaging
2.Testing
3.Distribution

1.Provisioning
2.Automation
3.Control
4.Observability
5.Testing

Multi-X RAN

- 3GPP Rel. 16
- Software-based
- Cloud-Native
- Open RAN
- HW accelerator

Multi-X CN

- 3GPP Rel. 16
- Software-based
- Cloud-Native
- Network Slicing
- IMS

Multi-X Operator

- Automation
- Cloud-Native Intelligent
- Closed-loop Observability
- Isolation and Security
- Green MANO/SMO

Multi-X RIC

- O-RAN Compliant
- rApps/xApps Catalog
- RAN Intelligence
- Cloud-Native
- Built-in Emulator

BubbleRAN technology is a turnkey 3GPP compliant 4G/5G solution ideal for R&D, PoC/MVP, and deployment. It includes multi-vendor eNodeB, gNodeB, 4GC, 5GC, and IMS for both Non-standalone mode (NSA) and Standalone mode (SA) deployment in frequency range 1 and 2 (FR1, FR2), with RAN intelligent Controller (RIC) and core network controller (CNC) as extensions, underpinning the network deployment and operation.

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What is Multi-X? Multi-vendor, Multi-version, Multi-RAT,Multi-Frequency, Multi-RF, Multi-cloud, Multi-OS, Multi-deployment.