ORACLE

Oracle – Core to Edge

From Isolated Regions to operational environments – Oracle technologies for defense operations

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Current market trends

Customers are looking to design a **path to the cloud** with **national data residency** and **low latency access to data**

Customers want a **develop once, deploy anywhere** approach

Customers want **scalability**, easy **manageability** and **supportability**

Customers want the ability to operate in **denied** or with **intermittent connections** while being to **reach back** to the cloud.

65%

Of application workloads will be optimal or ready for cloud delivery by 2027

Gartner

97%

of respondents say they are or will soon be using a fully featured private cloud.

S&P Global
Market Intelligence

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Oracle’s distributed cloud with flexibility and choice

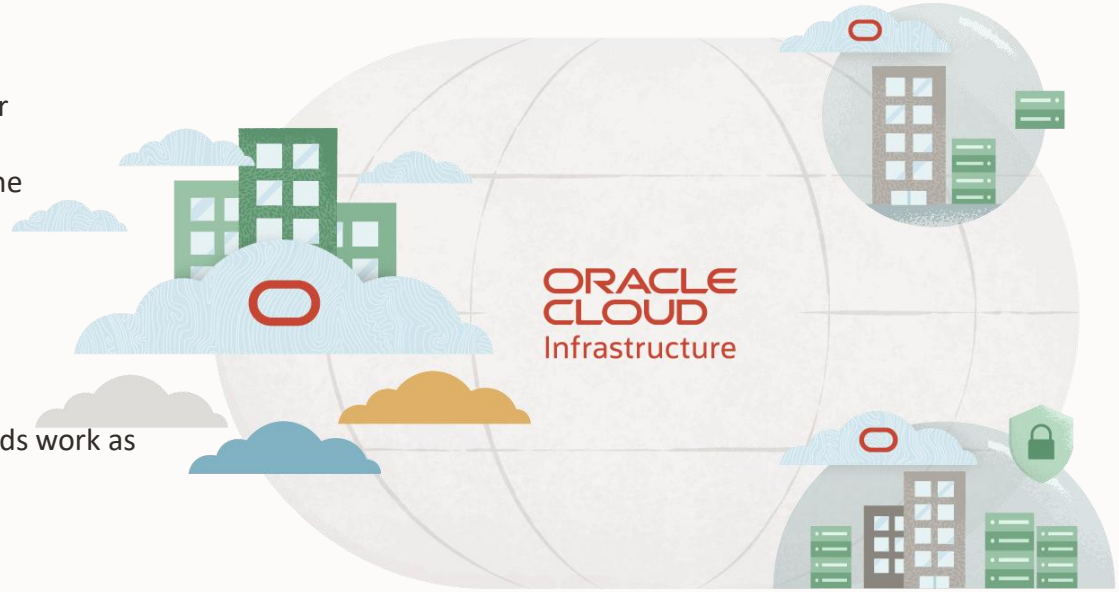
Access OCI cloud services, experience, and value anywhere your business demands

Public Cloud

Globally available for enterprises, governments, and the next big thing
48+ regions

Multicloud

Makes multiple clouds work as one



Edge Cloud

Trusted cloud solutions for nearly any location
Compute Cloud@Customer and Roving Edge

Dedicated Cloud

The only full-power cloud for your data centers

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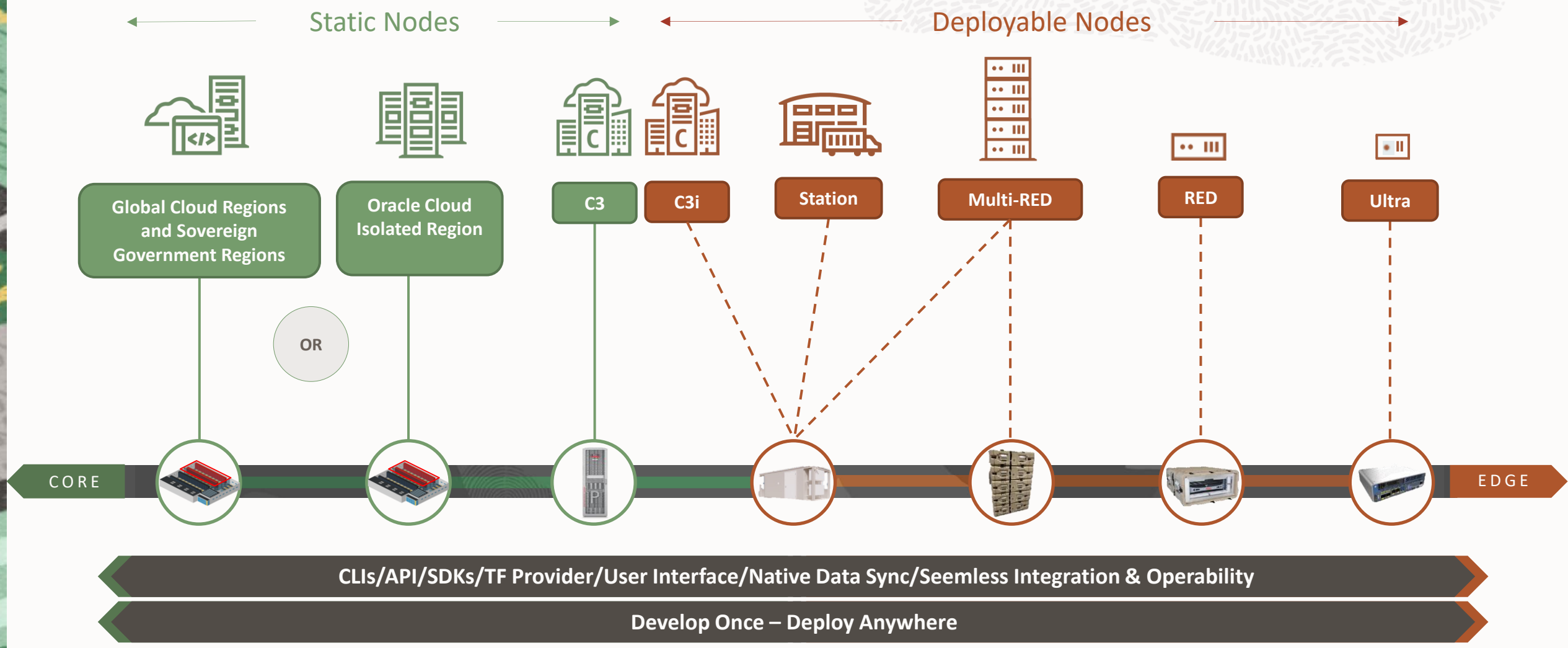
Distributed cloud from core to edge



Cloud@Customer scalability

Start with:

552 cores

6.7 TB memory

150 TB storage

Scale to:

2,208 cores

26.8 TB memory

150 TB storage

Single Rack

Scale to:

6,624 cores

80.4 TB memory

3.4 PB storage

Multi Rack

Independent and dynamic
calability of compute and storage
cloud resources

Oracle Roving Edge 1.0 - Ruggedized, portable cloud nodes

Roving Edge Device (RED)

- 32 OCPU usable capacity
- Integrated Nvidia Tesla GPU
- 384GB Usable RAM
- ~55 TB Storage capacity

OLD MODEL

Roving Edge Ultra (Ultra)

- 8 OCPU usable capacity
- 64GB Usable RAM
- ~7.7 TB Raw Storage capacity
- Battery operable

Roving Edge 2.0

RED.2 enables 3 configurations to support the right hardware to support your mission at the edge;

- Standard – lowest cost targeted at general application workloads operating at the Edge
- GPU – high performance compute for AI, Image & Video processing, and Analytics
- Storage – data store for data lake, image repositories, that have data sovereignty constraints

Hardware Specification:

CPU	**48 OCPU** - Intel 8480+ 56C
RAM	**384GB** - 8 x 64GB DDR5 DIMM
Storage (SSD)	**55TB -** 4 x 15.38TB SSD
Networking	Quad Port 10G
Dimensions	2RU, <20” depth

Configuration Options:

Additional Storage	**115TB NVME** - 8 x 15.38TB SSD
GPU	**3 x L4 NVIDIA GPU**

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Roving Edge station

Secure Expeditionary Data Center
2 x 42RU Racks with full integrated cooling. Example Loads: REDs, PCA, OC3

High-capacity IaaS at the Edge
25’ Containerized Solution with cooling, power management, UPS, fire suppression, security monitoring embedded

Supports shore power or generator
- Capable of running on standard DoD TEP 30kW TQGs Generator.

Extensive security
- Alarms, cameras, shielding, EMI filters, shielding

- **Compact and powerful data center**
- Sized to be transportable via aircraft, ship or truck (<33,000 lbs)

NATO selects Oracle Cloud Infrastructure for sovereign, AI-ready modernisation

Goal:

- Modernise its technology infrstructure
- AI innovations
- **without compromising the security of its mission-critical data.**

On-prem mission critical workloads moving to Oracle Souverign Cloud

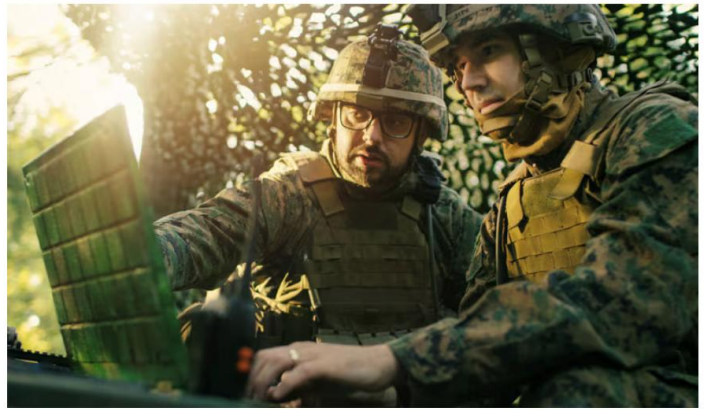
Partners: Thales, Shield Reply, Red Reply

Press Release

The NATO Communications and Information Agency Selects Oracle Cloud Infrastructure

Oracle Cloud Infrastructure will enable the NATO agency to take advantage of the latest cloud and AI technologies to securely modernise its technology infrastructure

London, United Kingdom—September 11, 2025



Oracle today announced that the NATO Communications and Information Agency (NCIA) will move its mission-critical workloads to Oracle Cloud Infrastructure (OCI). Delivered in collaboration with Red Reply, and Shield Reply, the Reply Group companies specialising in Oracle technologies, and prime contractor Thales, NCIA will move its on-premises workloads to OCI to benefit from OCI's sovereign cloud solutions, high performance, availability, AI innovation, and enterprise-grade security.

NCIA is the technology and cyber hub of NATO, focusing on connecting the Alliance, defending its networks, and supporting its operations. Its mission is to provide secure, cost-effective, and interoperable communications and information systems and services to NATO. To support this mission and its ongoing modernisation programme, NCIA is enhancing its capacity and optimising the performance of its systems.

NATO CCDCOE to Research Battlefield Connectivity with Oracle 5G Solutions

CCDCOE verified Oracle's 5G Security Edge Protection Proxy (SEPP) trusted solution for securing 5G roaming communications across NATO member network.

CCDCOE has chosen Oracle and Oracle partner Druid Software to design, deploy, and secure private 5G networks for NATO research, war gaming, and development initiatives.

- Oracle's SEPP software
- Druid 5G "Raemis" core network
- Oracle Roving Edge Device

Partner: Druid Software

Press Release

NATO CCDCOE to Research Battlefield Connectivity with Oracle 5G Solutions

NATO Cooperative Cyber Defence Centre of Excellence selects Oracle and Druid Software solutions to build and secure private 5G networks for research and war-gaming

London, UK—Oct 7, 2025

The NATO Cooperative Cyber Defence Centre of Excellence (CCDCOE) has chosen Oracle and Oracle partner Druid Software to design, deploy, and secure private 5G networks for NATO research, war gaming, and development initiatives. The technologies will be pivotal in helping enable high-performance connectivity for cyber defence exercises that protect critical infrastructure from external threats.

Based in Tallinn, Estonia, the CCDCOE is a multinational, cyber defence hub. The Centre supports NATO and its member nations with interdisciplinary expertise in the field of cyber defence research, training, and exercises covering technology, strategy, operations, and law. As part of NATO's drive to enhance operational readiness, the CCDCOE supports building secure private networks across the alliance.

Thank you!

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