

Partnerships

- [O-RAN Alliance](#)
- [Linux Foundation](#)
- [3GPP](#)
- [ETSI](#)
- [Open Source](#)
 - [Acumos](#)
 - [Akraino](#)
 - [K8S](#)
 - [ONAP](#)
 - [OpenStack](#)
 - [OPNFV](#)
 - [QEMU](#)

O-RAN Alliance

O-RAN Alliance is the primary funder and partner of the O-RAN Software Community. The O-RAN Software Community's primary goal is to create a working software solution that is aligned to the O-RAN Alliance specifications. Members and contributors have committed to evolving radio access networks around the world. Future RANs will be built on a foundation of virtualized network elements, white-box hardware and standardized interfaces that fully embrace O-RAN's core principles of intelligence and openness. An ecosystem of innovative new products is already emerging that will form the underpinnings of the multi-vendor, interoperable, autonomous, RAN, envisioned by many in the past, but only now enabled by the global industry-wide vision, commitment and leadership of O-RAN Alliance members and contributors.

Linux Foundation

The Linux Foundation is dedicated to building sustainable ecosystems around open source projects to accelerate technology development and industry adoption.

Founded in 2000, the Linux Foundation provides unparalleled support for open source communities through financial and intellectual resources, infrastructure, services, events, and training. Working together, the Linux Foundation and its projects form the most ambitious and successful investment in the creation of shared technology.

3GPP

The 3rd Generation Partnership Project (3GPP) unites [Seven] telecommunications standard development organizations (ARIB, ATIS, CCSA, ETSI, TSDSI, TTA, TTC), known as “[Organizational Partners](#)” and provides their members with a stable environment to produce the Reports and Specifications that define 3GPP technologies.

The project covers cellular telecommunications technologies, including radio access, core network and service capabilities, which provide a complete system description for mobile telecommunications.

The 3GPP specifications also provide hooks for non-radio access to the core network, and for interworking with non-3GPP networks.

3GPP specifications and studies are contribution-driven, by member companies, in Working Groups and at the Technical Specification Group level.

The three [Technical Specification Groups](#) (TSG) in 3GPP are;

- Radio Access Networks ([RAN](#)),
- Services & Systems Aspects ([SA](#)),
- Core Network & Terminals ([CT](#))

ETSI

A European Standards Organization with global impact.

ETSI provides members with an open, inclusive and collaborative environment. This environment supports the timely development, ratification and testing of globally applicable standards for ICT-enabled systems, applications and services.

Open Source

Acumos

Acumos AI is a platform and open source framework that makes it easy to build, share, and deploy AI apps. Acumos standardizes the infrastructure stack and components required to run an out-of-the-box general AI environment. This frees data scientists and model trainers to focus on their core competencies and accelerates innovation.

Acumos is part of the LF AI Foundation, an umbrella organization within The Linux Foundation that supports and sustains open source innovation in artificial intelligence, machine learning, and deep learning while striving to make these critical new technologies available to developers and data scientists everywhere.

Akraino

Launched in 2018, Akraino Edge Stack aims to create an open source software stack that supports high-availability cloud services optimized for edge computing systems and applications. The Akraino Edge Stack is designed to improve the state of edge cloud infrastructure for enterprise edge, OTT edge, and carrier edge networks. It will offer users new levels of flexibility to scale edge cloud services quickly, to maximize the applications and functions supported at the edge, and to help ensure the reliability of systems that must be up at all times.

K8S

Kubernetes is a portable, extensible, open-source platform for managing containerized workloads and services, that facilitates both declarative configuration and automation. It has a large, rapidly growing ecosystem. Kubernetes services, support, and tools are widely available.

The name Kubernetes originates from Greek, meaning helmsman or pilot. Google open-sourced the Kubernetes project in 2014. Kubernetes builds upon a [decade and a half of experience that Google has with running production workloads at scale](#), combined with best-of-breed ideas and practices from the community.

ONAP

ONAP provides a comprehensive platform for real-time, policy-driven orchestration and automation of physical and virtual network functions that will enable software, network, IT and cloud providers and developers to rapidly automate new services and support complete lifecycle management. By unifying member resources, ONAP is accelerating the development of a vibrant ecosystem around a globally shared architecture and implementation for network automation—with an open standards focus—faster than any one product could on its own.

OpenStack

OpenStack software controls large pools of compute, storage, and networking resources throughout a datacenter, managed through a [dashboard](#) or via the [OpenStack API](#). OpenStack works with [top ten rated popular enterprise and open source technologies](#) making it ideal for heterogeneous infrastructure.

[Hundreds of the world's largest brands](#) rely on OpenStack to run their businesses every day, reducing costs and helping them move faster. OpenStack has a strong [ecosystem](#), and users seeking commercial support can choose from different OpenStack-powered products and services in the [Marketplace](#).

The software is built by a [thriving community](#) of developers, in collaboration with users, and is designed in the open at our [Summits](#).

OPNFV

Open Platform for NFV (OPNFV) is a project and community that facilitates a common NFVI, continuous integration (CI) with upstream projects, stand-alone testing toolsets, and a compliance and verification program for industry-wide testing and integration to accelerate the transformation of enterprise and service provider networks. Participation is open to anyone, whether you are an employee of a member company or just passionate about network transformation.

QEMU

QEMU is a generic and open source machine emulator and virtualizer.