

The New Open "Edge"

IOT+Telecom+Cloud+Enterprise+Industrial

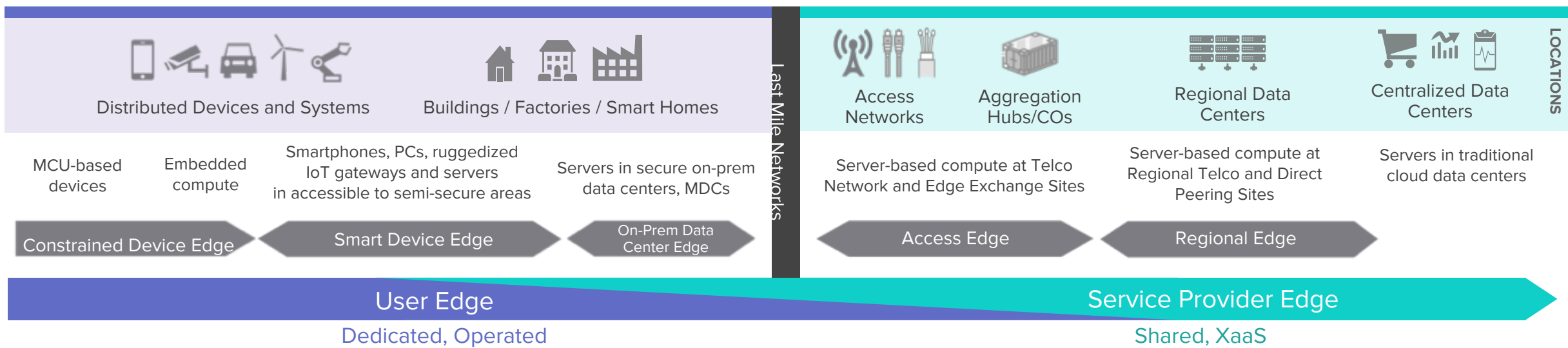
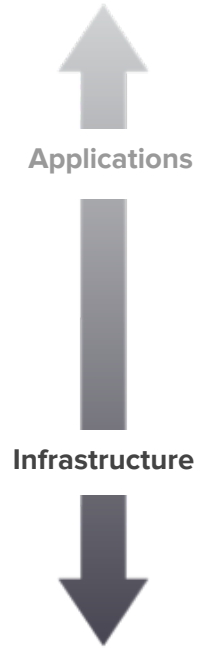
 LF EDGE

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 THE **LINUX** FOUNDATION

LF Edge Projects



Vertical Market Adoption of End to End Open Source Software

OPEN NETWORKING, EDGE AND IOT MARKET ADOPTION



Industrial
Manufacturing



Energy (Oil,
Gas Utilities)



Commerce &
Retail



Home



Automotive



Fleet &
Transportation



Logistics



Building
Automation



Cities &
Government



Healthcare



ENTERPRISE NETWORKING

1. Private Networks 5G/LTE
2. Workloads across Multi-clouds
3. End to end visibility and monitoring



SERVICE PROVIDERS

1. Built on end to end open source 5G & edge
2. Developing countries with 5G and edge
3. Global connectivity



END USERS GOVERNMENT

1. Built on Open Source projects
2. 5G Super Blueprints
3. Unified Cloud, Enterprise, Telco

BUILT ON END TO END OPEN SOURCE PROJECTS



LF Edge Summary

Vision: Our software & projects enable rapid productization of Edge platforms by leveraging end user input to drive and supply the necessary building blocks (and/or frameworks, reference solutions) to facilitate integration and interoperability for Edge Computing across Telecom Service Providers, Cloud Providers, IOT & Enterprises

Projects

IMPACT - STAGE 3



GROWTH - STAGE 2



AT LARGE - STAGE 1



Premier Members



LF Edge Accelerating Community Collaboration

Participation from Service Providers (Telco, Cloud, Cable), IOT, Enterprise ecosystem



25+%

New Member
Y/Y increase



80%

New Projects increase
SOTE, Open Horizon, SDO...



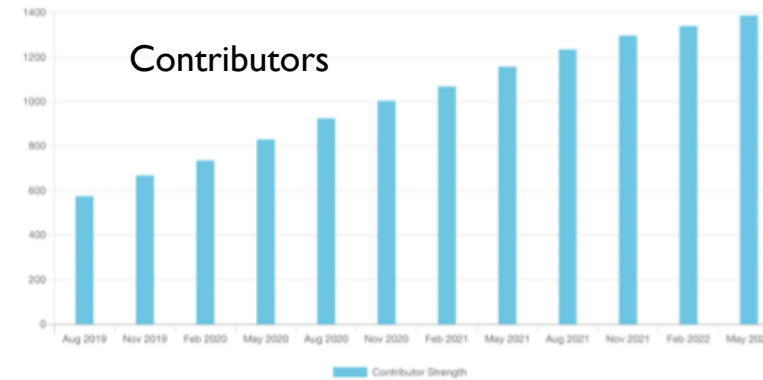
25+

Global Deployments & Commercial Products



**8M+
/30+**

EdgeX Downloads and Akraino
Blueprints in development



The contributor strength increased by 140% during the last 3 Years.



An average of 36.77K commits were pushed by active code contributors during the last 3 Years.

26k global mentions since launch

2021 State of the Edge Report

- Aspects of Edge Studied
 - › Community Standardization of Edge Terminology
 - › Market Size / Growth: A use case driven market forecast of the growth and value of edge infrastructure through 2028.
 - › Critical Infrastructure: Edge data centers, wireless towers & cable head ends, traditional interconnection, and service providers.
 - › Edge Hardware: Key trends, processor platforms, open hardware, virtual networking and storage.
 - › Networks & Networking: The networking ecosystem, SD-WAN, edge exchanges, and the wireless edge.
 - › Software at the Edge: The “new edge” stack, code at the edge, orchestration, serverless, hyperconverged, and marketplaces.

STATE OF THE
EDGE



[Download Today](#)

Reset Filters

- Grouping: N/A
- Sort By: N/A
- Category: N/A
- LF Edge Relation: Any
- License: Any
- Organization: Any
- Headquarters Location: Any

Example filters:
Open source cards by age
Apache-2.0 landscape
Cards in categories
Cards by stars
Group by location
Cards by MCap/Funding

Download as CSV



The LF Edge landscape (png, pdf) is dynamically generated from a community-supported Github account. It is modeled after the SWIN landscape and based on the same open source code.

If you would like to contribute, please open a pull request with projects in the edge ecosystem. Please note all images submitted must be true SVG files, include a URL to the company's site, and a Crunchbase link. Please open a pull request to correct any issues. Greyed logos are not open source. Last Updated: 2021-01-01 20:39:09Z

You are viewing 183 cards with a total of 105,149 stars, market cap of \$9.9T and funding of \$5.25B.

landscape.lfedge.org

Navigation: Landscape | Card Mode | Tweet 2 | 80%

ORG	Traffic Routing	Communication Service Provider	CDN & Distributed Caches	Edge PaaS	IoT Focused				
Security	Networking	Monitoring	Provisioning	Virtualization	IAAS	Physical	Other		
Core Silicon (CPU / PLC)	Accelerators (GPU / FPGA / TPU)	Edge OEMs	Wireless	Wireless	Traditional	Non Traditional	Towers	Municipal Right of Way	Services / System Integrators
Hardware	Wireless & Wireless	Real Estate / Land	Services / System Integrators	Associate					

LF Edge Member Company

Premier Members



General Members



Associate Members and Liaisons



Edge is part of the end to end ecosystem through LF
Networking 5G Super Blueprints

LF Edge projects are an Integral part of 5G Super Blueprints

JOIN THIS COMMUNITY/CROSS COMPANY EFFORT NOW!

[Mailing List](#)

[Bi-Weekly Meeting Calendar](#)

[Slack Channel](#)

[Meeting Agenda/Minutes](#)

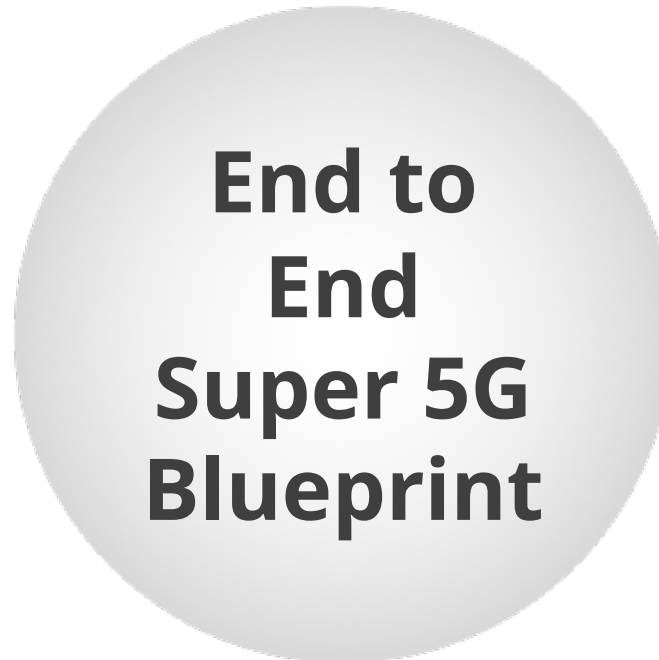
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← Cloud Native 5G Demo

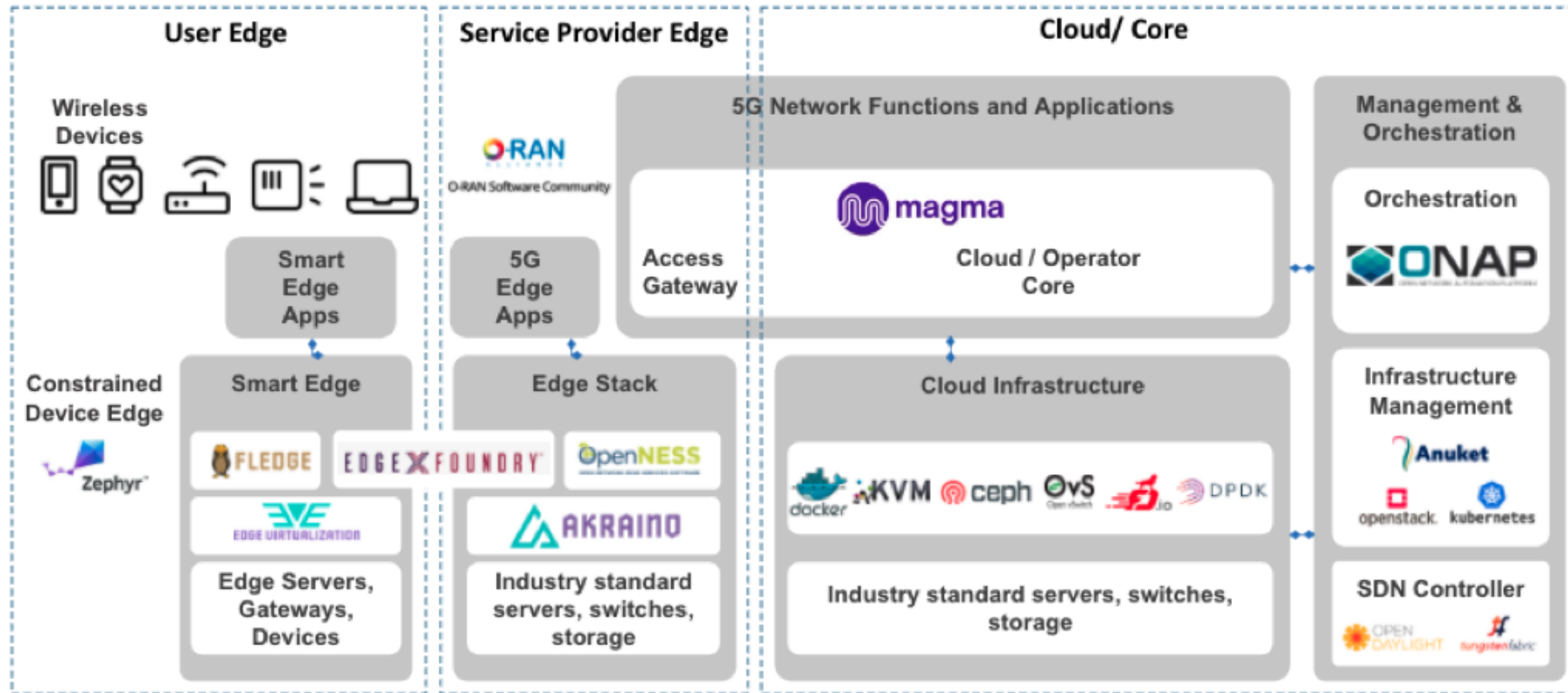
← Private LTE/5G ICN Akraino

← ONAP 5G Use Case

THIS NEW BLUEPRINT is the community vehicle to collaborate and create end to end 5G solutions

5G Super Blueprint

LF Open Source Component Projects for 5G



Learn more: <https://www.lfnetworking.org/5g-super-blueprint/>

Read the FAQ: <https://wiki.lfnetworking.org/display/LN/5G+Super+Blueprint+FAQ>

LF Edge: Key Takeaways

1. Harmonizing Open Source Edge Communities across IOT, Enterprise, Cloud & Telecom
2. Keeping LF Edge Open & Interoperable with
 - › Hardware, Silicon, Cloud, OS, Protocol independence
 - › Bringing the best of telecom, cloud and enterprise – location, latency & mobility
 - › In collaboration with Consortia/SDO (IIC, AECC, OEC, ETSI)
3. Hosted by the Linux Foundation similar to other Open Source Communities like CNCF (Kubernetes), LF Networking (ONAP) and many more.

Get Involved in the LF Edge Technical Communities

- › Participation in LF Edge Projects is open to all
- › Getting involved in the technical communities is the best way to learn
 - › **Step 1:** Get a Linux Foundation ID Here: <https://identity.linuxfoundation.org/>
 - › **Step 2:** Visit LF Edge Wiki (<https://wiki.lfedge.org/>)
 - › **Step 3:** Join workflows for the projects and working groups, subscribe to mail contribute!

Way to participate:

- › Attend project meetings
- › Attend developer events
- › Join approved projects
- › Propose a project
- › Write documentation
- › Contribute use cases
- › Analyze requirements
- › Define tests / processes
- › Review and submit code patches
- › Build upstream relationships
- › Contribute upstream code
- › Provide feedback through VSFG
- › Host and staff a community lab
- › Answer questions
- › Give a talk / training
- › Create a demo
- › Evangelize LFE and its projects

November 15 – November 16



We're excited to announce that the Open Networking & Edge Summit will be held November 15-16 in Seattle, WA USA. We hope to be seeing many of you in person at last! The event will be followed by a two-day LFN Developer & Testing Forum (Nov 17-18) in the same venue. We'll be sharing more information as it becomes available, but in the meantime: SAVE THE DATE!