**Barcelona, February 25th, 2019**

**During the Mobile World Congress 2019 (Hall 5 Stand 5B41), Nexedi will showcase SlapOS EdgePacer, an Edge Computing enabler for corporate networks based on Nexedi Free Software and Olimex Open Hardware. SlapOS EdgePacer plug-and-play design preserves investments and extends traditional corporate networks with essential edge services: content delivery network (CDN) and  IoT buffering. It enhances Wide Area Networking (WAN) with low latency routing, resilient connectivity and IPv6 everywhere. Additional services can be provisioned at the edge through SlapOS orchestrator and console.**

[SlapOS EdgePacer](#) (EdgePacer) is a Free Software / Open Hardware initiative by[Nexedi](#) and [Olimex](#) to deliver plug-and-play Edge Computing services on corporate networks without writing off existing infrastructure. It is based on generic Open Hardware ([Olimex OLinuXino](#)) and Free Software ([SlapOS](#)).

Jean-Paul Smets, CEO of Nexedi, explains: "Ten years ago,[Nexedi was one of the inventors of distributed cloud computing](#), also known as [Edge Computing](#). After numerous successful deployments in industries such as automotive, aerospace, chemical, pharmaceutical or transport, we learnt how the combination of low latency routing and resilient edge services are [critical](#) for the stability of Web based applications and IoT networks. We have packaged Nexedi's know how into a tiny EdgePacer based on OLinuXino hardware and powered by SlapOS software."

Rafael Monnerat, COO of VIFIB, adds: "SlapOS EdgePacer extends corporate networks without modifying existing infrastructure. It is plug-and-play. There is no initial setup. Embedded firewall can enforce corporate security policies. Once SlapOS EdgePacer is connected to a switch, it advertises a dedicated IPv6 address range to the local area network (LAN). All EdgePaceres form a hybrid mesh network based on [re6st](#) and [babel](#) protocols, with low latency routing and resilient connectivity that can survive failures of corporate routers or telecommunication operators. Each EdgePacer runs a local content delivery network (CDN) based on [Apache Traffic Server](#) and accelerates access to Web applications. A [fluentd](#) proxy provides local buffering of IoT data collection and prevents data loss commonly experienced with protocols such as MQTT. More services can be added through [additional SlapOS profiles](#)."

Tsvetan Usunov, CEO of Olimex, concludes: "OLinuXino boards are powerful Open Hardware boards designed for industrial use and harsh conditions with -40 +85C temperature range. Boards are completely open source with all CAD files accessible for commercial projects. By combining of Olimex OLinuXino open hardware and Nexedi SlapOS edge computing software, we have created a generic hardware solution for powering and extending networks."

# References

- [SlapOS EdgePacer Leaflet](#) (PDF)
- [Olimex OLinuXino Open Source Hardware Board](#)
- [SlapOS project page](#) (presentation, access to source code)
- [re6st project page](#) (presentation, access to source code)
- [Open Edge Computing for Industry 4.0](#) (presentation at Fraunhofer Fokus)
- [China Internet: why is it unreliable and how to fix it?](#)
- [Grandenet: the internet on Steroids](#)

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# About Nexedi

Nexedi is the largest publisher of Open Source / Free Software in Europe with[15 million lines of original source code](#). Nexedi enterprise software portfolio covers business applications (ERP5), edge cloud computing (SlapOS), big data (Wendelin), distributed transactional NoSQL database (NEO), HTML5 productivity (OfficeJS), progressive offline web applications (RenderJS, JIO), software defined resilient networking (re6st), devops (Webrunner) and multimedia conversion (cloudooo).

With presence in Europe, Asia and Americas, [Nexedi addresses a wide range of industries](#) ranging from aerospace, automotive, banking, telecommunication, healthcare to government sectors. The Free Software nature of Nexedi solutions eliminates licensing costs, provides full freedom to update or customise the system as business requirements change and allows corporations to capitalise on their know how without vendor lock-in. Nexedi provides 24/7 support to corporations and governments wishing to migrate their mission critical applications to Free Software solutions.

More information: [http://www.nexedi.com](http://www.nexedi.com)

# About SlapOS

Created in 2009, SlapOS is the only Open Source / Free Software solution for edge computing that has been deployed commercially and successfully. Based on a Hyperconverged Orchestration System (HyOS) that consistently integrates provisioning, devops, accounting, billing, monitoring, orchestration and automated disaster recovery, SlapOS can be used to implement in a few days or weeks public clouds, distributed mesh clouds, big data clouds, hyperconverged infrastructures, IoT appstores, 4G/5G networks or edge computing. SlapOS technology is at the core of Teralab, [a big data platform that was awarded by the Big Data Value Association](#) and used by dozens of multinational corporations. SlapOS has been deployed together with ERP5 at Airbus, Mitsubishi, PSA, Aide et Action, Capago, etc.

VIFIB, a wholly owned subsidiary of Nexedi, markets edge cloud computing services based on SlapOS.

More information: [http://slapos.nexedi.com](http://slapos.nexedi.com) and [https://www.vifib.com](https://www.vifib.com)

# Legalese

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