

# Barbara and Picsellia team up to drive Edge Computer Vision in the Energy Sector

*Barbara, the pioneer in Edge AI and Picsellia, the French end-to-end MLOps platform for computer vision, joined to accelerate edge computer vision applications*

MADRID, SPAIN, November 24, 2023 /EINPresswire.com/ -- The decision to collaborate unfolded naturally as [Picsellia](#)'s dedication to accelerating computer vision initiatives perfectly aligns with [Barbara](#)'s mission to empower industrial organizations in deploying, monitoring, and maintaining AI models at the Edge.



Barbara and Picsellia unite to accelerate Edge Computer Vision projects

“

Together, we cover the full spectrum; from crafting high-performing computer vision models to orchestrating their deployment, control, and maintenance at the Edge.”

*David Purón, CEO Barbara*

expertise in executing AI models at the Edge. Together, they offer a comprehensive solution, covering the entire spectrum from crafting computer vision models to orchestrating their deployment, control, and maintenance at the Edge.

## The Rise of Edge Computing Vision in the Energy Sector

Fueling real-time decision-making through the processing of visual data at the source, Edge computer vision holds multifaceted applications for power grid operators.

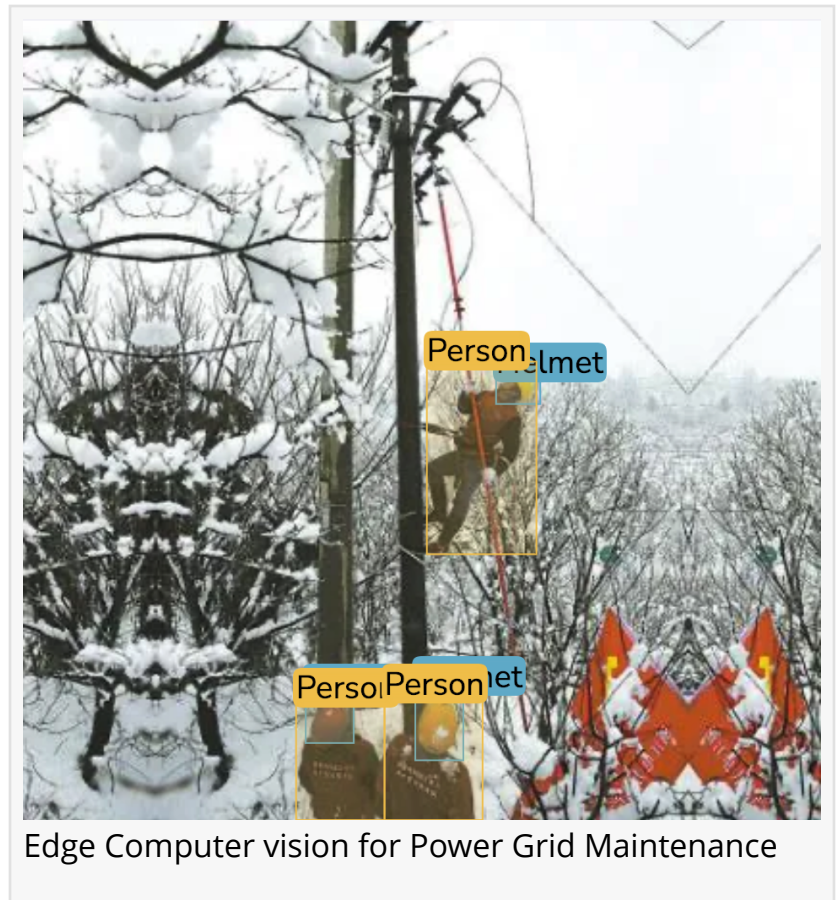
It plays a pivotal role in analyzing visual data from grid infrastructure, detecting faults such as damaged power lines or equipment malfunctions, ensuring quick repairs and preventing potential outages. Additionally, it enhances the safety of field workers by identifying and alerting them to potential hazards.

Furthermore, when integrated with machine learning, Computer Vision can predict equipment

failures by analyzing visual data patterns and so contribute to minimizing unplanned downtime, reducing maintenance costs, and extending the lifespan of grid assets.

### Why Edge AI?

Connectivity, data volume, the need for real-time responses and the security and privacy of data and equipment are all challenges that only a highly distributed and independent IT infrastructure can handle. By processing data at the edge, the energy grid becomes more resilient to disruptions. Localized decision-making ensures continuous grid functionality even in cases of network failures or cyber-attacks.



Edge Computer vision for Power Grid Maintenance

Picsellia joins [Barbara Marketplace](#) to fast-track Vision AI in the Edge

Grid operators can now harness the potential of Computer Vision in their business operations through the collaboration of Picsellia and Barbara. Companies can develop custom use cases and operate them in their industrial environment with a seamless transition at the Edge thanks to the integration with Barbara platform. Importantly, companies retain ownership of their private data and AI models' intellectual property.

### About Picsellia

Picsellia, founded in 2019 in France, has evolved into a comprehensive platform offering an end-to-end MLOps platform for computer vision use cases. Covering data management, experiment tracking, deployment, model monitoring, and pipeline orchestration, Picsellia supports data scientists and machine learning engineers in their day-to-day tasks. Explore more:

[www.picsellia.com](http://www.picsellia.com)

### About Barbara

Barbara is the Edge AI Platform for Grid Operators to deploy and maintain algorithms in real-time while complying with the highest cybersecurity standard (IEC-62443-4-2 security level 1).

With Barbara, Transmission and Distribution Systems Operators can integrate both, legacy and next-generation industrial equipment data, implement their algorithms or third-party intelligence via our Marketplace, and manage edge apps across their distributed assets remotely,

from a single platform. Explore more at [www.barbara.tech](http://www.barbara.tech)

Miren Zabaleta

Barbara

+34 696 21 06 91

mzabaleta@barbara.tech

Visit us on social media:

[LinkedIn](#)

[Twitter](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/670653945>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.