

Swiss OSR Enterprises AG, Led by Swiss Tech Entrepreneur Orit Shifman, Acquires Israeli MAISENSE in a \$3.15 Billion Deal

Positioning Plasmonic AI Compute as a New Performance Frontier

New York City, New York Nov 21, 2025 ([Issuewire.com](https://www.issuewire.com)) - MAISENSE LTD, the Israeli developer of next-generation plasmonic AI compute, announced today its acquisition by Switzerland-based OSR Enterprises AG in a \$3.15 billion strategic transaction. The combination establishes a consolidated technology platform centered on high-performance, energy-efficient AI compute built on advanced plasmonic architectures.

The MAISENSE team will join OSR Enterprises, integrating the company's SONIC™ Plasmonic Compute SoC with OSR's EVOLVER™ AI brain and secure autonomy stack. The SONIC™ architecture merges nanoscale electronics and photonics to enable a new class of AI compute designed to deliver extreme throughput and significant energy savings, with the potential to compress hyperscale performance into compact, deployable form factors.

This acquisition positions OSR Enterprises at the forefront of sovereign, next-generation AI compute, offering a path toward performance and efficiency levels that exceed the constraints of conventional semiconductor architectures.

"We are entering a new chapter for high-performance, energy-efficient AI computing," said Dr. Moshik Cohen, Founder & CEO of MAISENSE LTD. "Joining OSR allows us to accelerate global deployment of a technology built to support AI at scale - from major data infrastructures to autonomous and secure systems worldwide."

About MAISENSE LTD

Founded in 2016 by Dr. Moshik Cohen, a deep-tech entrepreneur and physicist recognized globally for his work in plasmonic and nanophotonic, MAISENSE LTD develops plasmonic AI compute architecture designed to achieve ultra-fast performance with dramatically reduced energy consumption. Its SONIC™ Plasmonic Compute SoC enables a shift in the global compute model toward sovereign, secure, and sustainable AI systems.

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