

Accelerating application-ready edge AI

congatec and ECTrons have entered into a strategic partnership for the development and commercialization of AI-powered industrial computing solutions

SAN DIEGO, CA, UNITED STATES, June 23, 2026 /EINPresswire.com/ -- congatec – a leading vendor of embedded and edge computing technology – and ECTrons Sdn. Bhd. – a Penang-based embedded computing specialist – entered into a strategic partnership for the development and commercialization of AI-powered industrial computing solutions. The agreement was signed on June 10, 2026, at the official launch ceremony of the NCER Technology Innovation Centre (NTIC) in Bayan Lepas, Penang, Malaysia.



Dato' Dr. Shanmuganathan, CEO of ECTrons (front left), and Konrad Garhammer, COO & CTO of congatec, proudly present the signed MoC.

The partnership aims to accelerate the design of AI-powered industrial computing platforms to shorten time-to-market and reduce the total cost of ownership for next-gen Industry 5.0 solutions. To achieve this, ECTrons, an edge AI specialist, leverages congatec's application-ready aReady.COM hardware and software building blocks to design its industrial solutions. System designs include AI I/O controllers, hybrid Industrial PCs, and Edge AI systems, which are specifically designed for Asian markets. The first joint designs from ECTrons will be based on congatec's conga-SMX95 SMARC modules with NXP i.MX95 processors.

“By collaborating with ECTrons, congatec expands its footprint in a strategically important growth market for industrial digitalization and edge AI as well as intensifies its local-for-local strategy,” said Konrad Garhammer, COO & CTO at congatec. “With our application-ready aReady.COM building blocks we support ECTrons with everything needed to bring innovative edge AI systems from prototype to production quickly, including hardware building blocks, functional software, and preconfigured and licensed tech stacks.”

"ECTrons contributes deep expertise in industrial digitalization, Edge AI, and embedded

computing, with a strong focus on developing regionally deployable innovations that address real-world industrial challenges," said Dato' Dr. Shanmuganathan, CEO of ECTrons. "By collaborating with congatec, our customers benefit from innovative solutions with high-performance embedded building blocks. This accelerates the deployment of AI-enabled IR5.0 applications at the edge for both local industries and international markets across ASEAN and India."

The collaboration amplifies congatec's move to anchor high-value embedded computing design, customization and technical support capabilities in Malaysia. It is also intended to strengthen Malaysia's semiconductor and electronics ecosystem by enabling embedded computing solutions developed in Malaysia for local and international markets across ASEAN and India.

Janene Rae

congatec

+1 858-457-2600 ext. 502

[email us here](#)

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/921520553>

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.

© 1995-2026 Newsmatics Inc. All Right Reserved.