AI that moves the world.

That's the power of Intel Inside®.

Embedded Vision: Powerful Machine Vision Software Combined with Hardware and CPU Architectures

MVTec's machine vision software powers embedded and mobile inspection systems in industrial environments with strict space and energy constraints. Testing Intel® Core™ Ultra Series 3 processors with OpenVINO™ toolkit shows substantial NPU acceleration across MVTec's deep learning models, with performance gains up to 12x for complex models like DeepOCR and up to 4.5x for GCAD compared to previous-generation Intel NPUs.[1]

These improvements enable deployment of advanced vision algorithms in compact edge devices while maintaining real-time processing requirements. Customers can implement more sophisticated AI models in resource-constrained environments, reducing time-to-market for AI-powered inspection systems.

Join MVTec and Intel for an insightful discussion on how new hardware designs and physical AI are shaping the future of embedded vision. The session will be moderated by Anne Wendel and will feature perspectives from leading industry experts. Don't miss out on this opportunity to explore the boundaries of innovation in embedded systems and AI.

Partner Link:
https://www.mvtec.com/

[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

Partner Name

MVTec Software GmbH

Booth Location
Hall 2, Booth 2-540

Solution Names

- DeepOCR
- GCAD

embedded world
Exhibition&Conference