

Neurond Partners with Intel to Accelerate AI-Powered Document Parsing with OpenVINO™ Technology

The collaboration showcases how Intel's AI-ready hardware accelerates Neurond's Dr. Parser tool, cutting document processing time by over 70%.

Tinh Da Nang, Vietnam Oct 31, 2025 ([IssueWire.com](https://www.issuewire.com)) - Neurond, one of Vietnam's leading AI development companies, has announced a strategic partnership with **Intel**, a global leader in computing innovation, to enhance the performance of its AI-driven document processing solution - **Dr. Parser**.

By leveraging Intel's **Core Ultra 7 258V processor**, **Intel Arc 140V graphics**, and the **OpenVINO™ toolkit**, Neurond achieved groundbreaking performance improvements, reducing average document extraction time from 20 seconds to under 5 seconds per resume. This marks a major milestone in applying hardware-accelerated AI to real-world enterprise workloads.

Empowering AI Innovation with Intel Technology

Dr. Parser, Neurond's proprietary AI tool, automates resume and CV data extraction to streamline recruitment processes for enterprise clients. The system's deep-learning-based Optical Character Recognition (OCR) engine previously faced challenges in processing speed on standard CPU hardware.

Through this collaboration, Neurond's AI engineers optimized the OCR module by converting PyTorch models into the **ONNX (Open Neural Network Exchange)** format and implementing **Intel's OpenVINO™ inference optimization toolkit**. The results were validated across 257 test documents, showcasing significant latency reductions and scalability improvements across both CPU and GPU environments.

"Intel's technology gave us the acceleration we needed to bring Dr. Parser to enterprise-scale speed and efficiency," said a Neurond spokesperson. "This partnership demonstrates how AI software and hardware synergy can deliver real impact in automation and digital transformation."

Mutual Benefits and a Shared Vision

The partnership benefits both companies and their customers:

- **For Neurond**, Dr. Parser becomes faster, more scalable, and ready for deployment in high-volume enterprise hiring systems.
- **For Intel**, this collaboration demonstrates the tangible performance of its AI-ready hardware and the versatility of OpenVINO™ in real-world AI workloads.

Together, the two companies are showcasing how AI hardware-software integration can redefine performance standards for intelligent automation.

"We're excited to collaborate with innovative partners like Neurond to advance real-world AI applications," said an Intel representative. "Their results highlight how OpenVINO™ and Intel hardware can accelerate AI workloads efficiently and sustainably."

Looking Ahead

Neurond and Intel plan to expand their collaboration further, exploring **NPU (Neural Processing Unit)** integration and additional optimizations to boost performance and energy efficiency.

With Intel's ongoing technical support and Neurond's focus on practical AI innovation, this partnership is set to redefine how enterprises leverage AI for speed, accuracy, and operational excellence.

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Source : <https://www.neurond.com/>

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