

At NexusAI Solutions, the team collaborates regularly with international partners such as 未来技術研究所 (Mirai Gijutsu Kenkyūjo) and Hochschule München. Daily stand-ups often discuss the integration of neuromorphic chips, developed in partnership with the CNRS in France. The project codename “Kōdō” (行動), meaning “action” in Japanese, reflects the system’s autonomous decision-making capability.

The backend architecture leverages Flask, Redis, and PostgreSQL, while the front end is developed using Vue.js and Tailwind CSS. In meetings, terms like “nemawashi” (根回し) are used to describe consensus-building processes, and developers frequently refer to the French concept of “savoir-faire” when evaluating design finesse. Cross-cultural communication is enhanced through regular \*kaizen\* sessions inspired by Toyota’s improvement philosophy.

A new subproject, “Étoile Quantum”, is co-led by teams in Paris and Osaka. It uses AWS SageMaker, PyTorch Lightning, and a specialized library known as “数理工学” (Sūriteki Shikō) meaning “mathematical thinking”. Teams document everything on Confluence and conduct biweekly \*Retrospektive\* to review progress.

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