R&D phase | Research **Expected Commercialization** | FY27-

Mehr Licht!
More Photonics for Intelligence

#B06

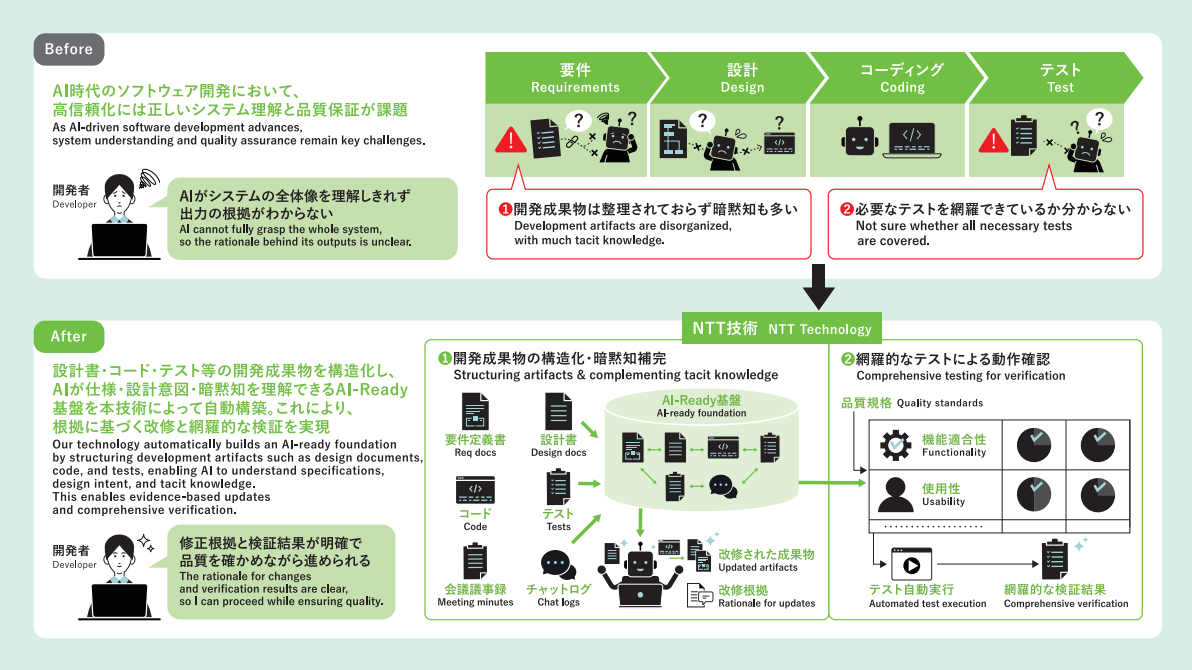
#Digital & AI Transformation#Operational Efficiency

Reliable Software Development with GenAI

Enables fast, high-quality updates through comprehensive QA

Technical Challenges & Goals

AI accelerates software development, but high-assurance software also requires design intent and tacit knowledge beyond links among documents, code, and tests. By structuring and reorganizing development assets into an AI-ready foundation, AI can understand and use them for reliable development and improvement.



Key Technologies

Core Technologies

- Analyze links across docs, code and tests; restructure stale info and complement tacit knowledge
- Analyze links among requirements, design, quality views and tests to assess coverage and fill gaps

Key Differentiators

- Extract system-specific design intent and tacit knowledge from artifacts, minutes, and chat logs
- Evaluate software quality using quality standards and test techniques; fills test gaps

Use Cases

Information Technology (IT)

For ongoing development of existing systems, documents, code, tests and related records are analyzed to extract and complement design intent and tacit knowledge. This enables AI to understand the system and support efficient updates.

Exhibitors

NTT, Inc. Computer and Data Science Laboratories

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