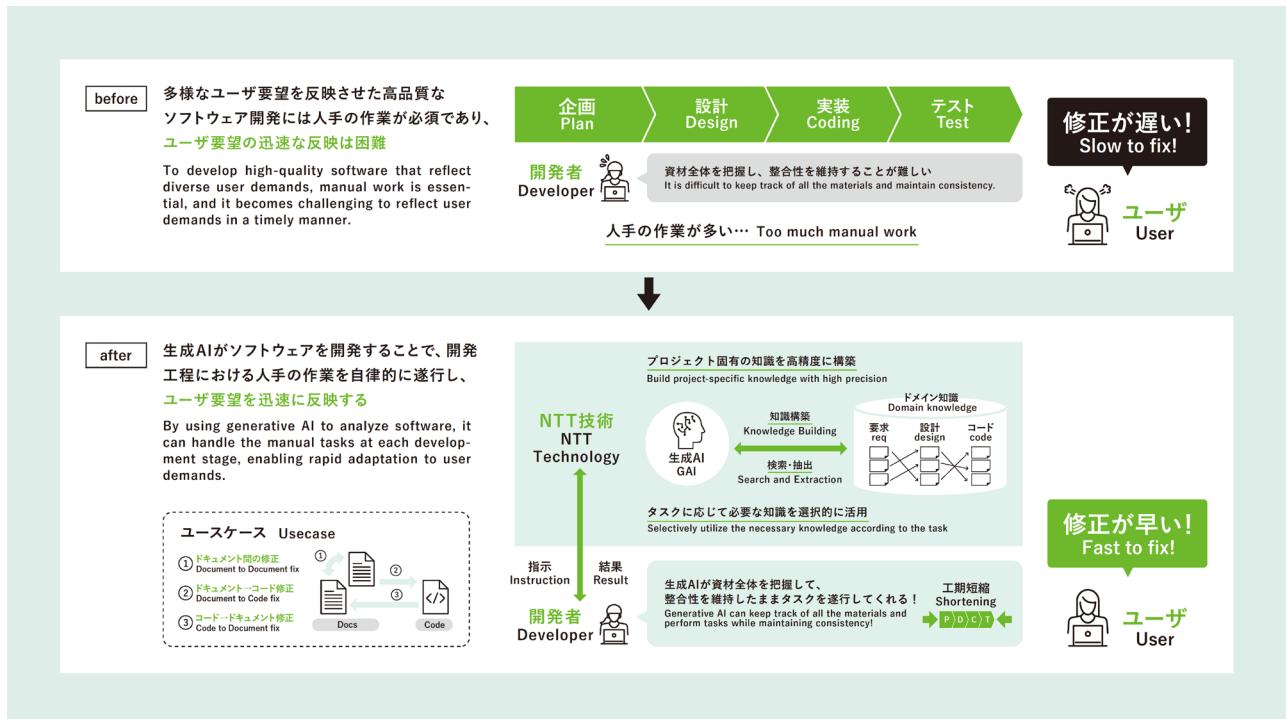


Enabling rapid, cost-effective, and high-quality software development

Superfast software development with GAI

Background and Technical Challenges

1. Software development requires understanding of dependencies, but generative AI(GAI) struggles with complex documents and code.
2. Project tasks are diverse and unstructured, so it is hard to select the right information.



R&D Goals and Outcomes

We aim to reduce workload across all software development processes by 40%

Key Technologies

01 Core Technologies

1. Analyze assets, identify dependencies, and build a knowledge base.
2. Enable AI to select data and perform tasks accurately.

02 Key Differentiators

GAI lacks project-specific knowledge for advanced software tasks. Our technology enables GAI to use a knowledge database for advanced task execution.

Use Cases Information Technology (IT)

R&D phase Research

Technology Schedule FY25-26

Commercialization Schedule FY27-29

[Exhibitors]
NTT Computer & Data Science Laboratories

[Co-exhibitors]
-

[Contact]
Innovative Computing Architecture Laboratory

[Related Links]
-