R&D phase | Research **Expected Commercialization** | FY28-

Mehr Licht!
More Photonics for Intelligence

#A10

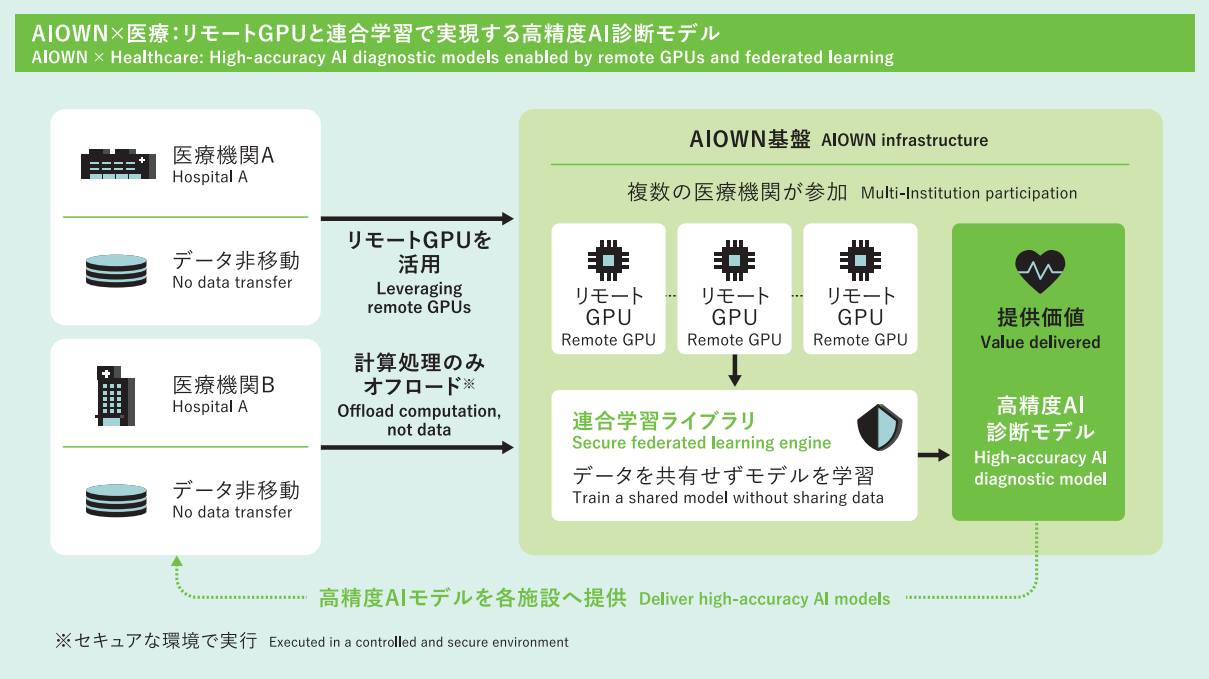
#Digital & AI Transformation#AI & Quantum Infrastructure#Safety and Security

AIOWN × Healthcare

Secure AI training with remote GPUs while keeping data at hospitals

Technical Challenges & Goals

As AI adoption grows, demand for high-performance GPUs and restrictions on sharing sensitive data have become key challenges. Remote GPU resources and federated learning enable AI training across multiple facilities without transferring data. This accelerates healthcare DX, industrial DX, and R&D, creating new value.



Key Technologies

Core Technologies

- Enable high-accuracy AI training using remote GPU resources while keeping sensitive data on-site
- Integrate remote GPUs and federated learning on AIOWN for flexible use of distributed resources

Key Differentiators

- Enable cross-organizational AI training without externally sharing sensitive data
- Achieve efficient AI training through distributed workloads and flexible GPU allocation

Use Cases

Healthcare

Enhance diagnostic AI through federated learning across multiple hospitals without moving patient data outside each institution. AIOWN's remote GPU infrastructure enables hospitals to participate in building high-accuracy AI models.

Exhibitors

NTT, Inc. Technology Innovation Center