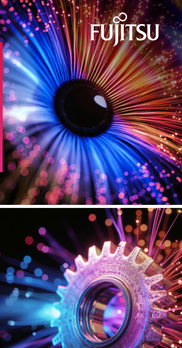
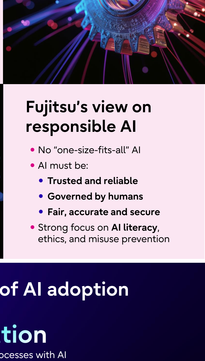
FUJITSU

Fujitsu on Artificial Intelligence



Why AI matters now

- Addresses environmental challenges and societal well-being
- Boosts human productivity and creativity
- Acts as a trusted assistant, not a replacement
- Supports decision-making using multimodal data (text, image, video, audio)
- Enables organizations to respond to new and emerging risks



Fujitsu's view on responsible AI

- No "one-size-fits-all" AI
- AI must be:
  - **Trusted and reliable**
  - **Governed by humans**
  - **Fair, accurate and secure**
- Strong focus on **AI literacy**, ethics, and misuse prevention

Three stages of AI adoption

Application
Improve existing processes with AI

Expansion
Scale automation across operations

Development
Build **industry-specific AI models**

Outcome

Broader employee adoption and higher value creation

Enterprise-Grade Generative AI

- Manages large, diverse enterprise data
- Built-in **customization, governance and audit controls**
- Flexible AI that adapts as business needs change
- Reduces risk through **controlled AI behavior**

Breakthrough: Generative AI Reconstruction (Takane)

Lighter. Faster. Greener.

Automatically rebuilds AI models from Fujitsu LLM **Takane**

Solves

- High AI development costs
- Environmental impact
- Edge deployment constraints

Two core innovations

High-Precision Quantization (QEP)

- Compresses models (16-bit → 1-bit)
- Retains **89%** accuracy
- Cuts memory use by **up to 94%**

Specialized AI distillation

- Removes unnecessary knowledge
- Up to **43%** accuracy improvement
- **11×** faster inference
- **70%** lower operational costs

Based on three pillars

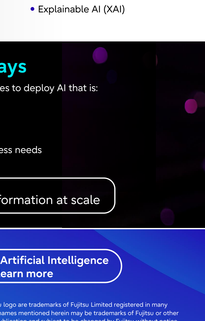
Specialized and trusted AI
Anti-hallucination and knowledge graphs

Advanced computing leadership
HPC, supercomputing and quantum technologies

Proven results
7,000+ AI use cases across industries

Industry impact examples

- **Creative industries**
  Design generation aligned with creator intent
- **Healthcare and life sciences**
  AI-driven drug discovery and HPC simulations
- **ESG and supply chain**
  Reduced emissions, smarter forecasting
- **Retail**
  AI video analytics and generative shopping experiences



Fujitsu Kozuchi AI portfolio

A secure, cloud-based AI ecosystem including:

- Generative AI
- AutoML
- Predictive Analytics
- Vision and Text AI
- AI Trust and Ethics
- Explainable AI (XAI)

Key takeaways

Fujitsu enables enterprises to deploy AI that is:

✓ More accurate
✓ More sustainable
✓ More trustworthy
✓ Tailored to real business needs

Result

AI-driven transformation at scale

Read our Fujitsu on Artificial Intelligence Media Explainer to learn more

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