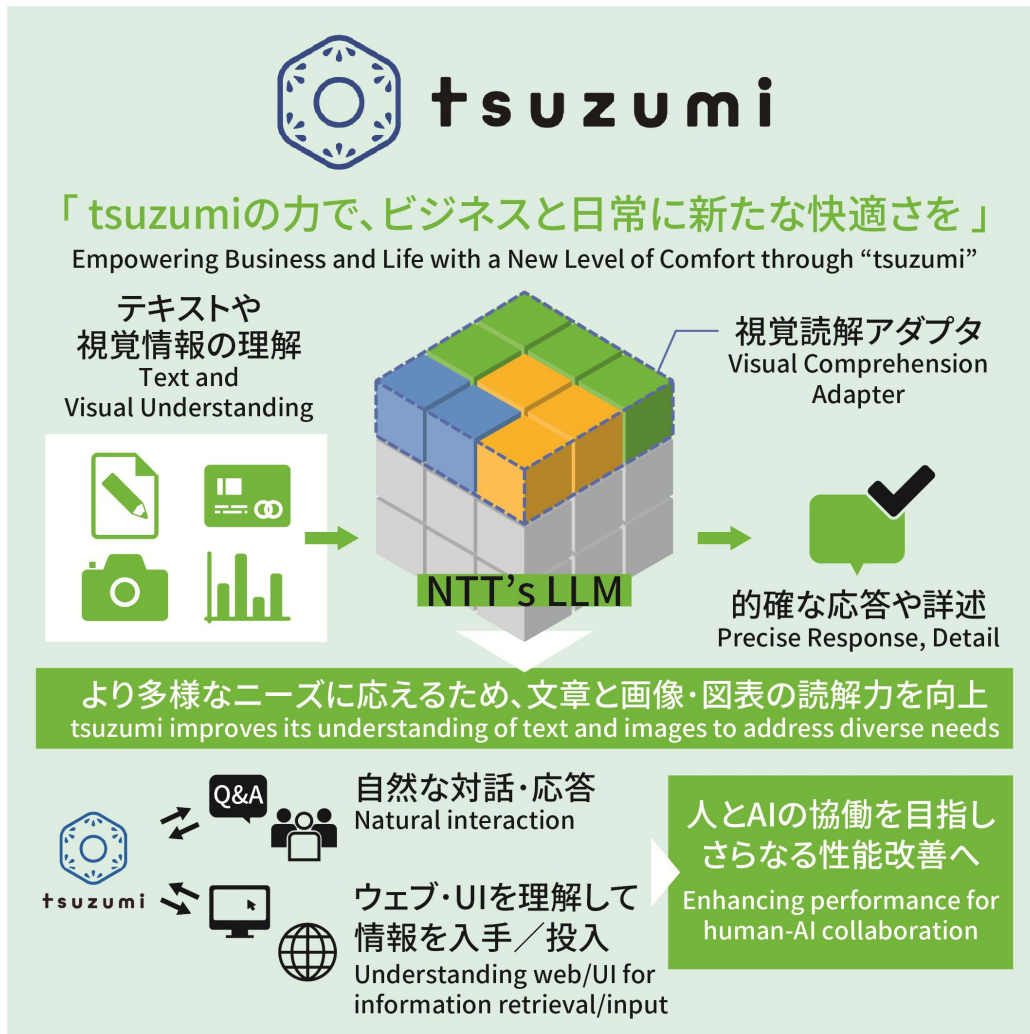


## The evolution of 'tsuzumi': NTT's large language models

Enhance its reading abilities and expressive capabilities  
to quickly solve complex tasks on behalf of humans  
#Productivity Improvement #Customer Experience Value Creation



### ///Technical Issue

Even though data and IT systems are designed for people, many of them are complex and hard for us to handle. They create obstacles to the promotion of DX.

### ///Research Goal

NTT's LLM 'tsuzumi' is equipped with advanced reading capabilities. It aims to productivity Improvement by reducing paperwork by 80% in business scenarios.

### ---Technology

In documents such as PDFs and web pages, not only the text but also the images and their placement have meaning. NTT has developed visual comprehension technology that comprehends the overall meaning of such documents and has integrated it into the tsuzumi.

### ---Applicable Business

NTT will apply its visual comprehension technology to a wide range of fields requiring office automation, such as purchase procedures, application processing, and the database digitization of paper and PDF forms. Scheduled for release in FY2024, Tsuzumi aims to continue growing as an AI that supports various tasks, and through diverse business developments, it targets annual sales of 100 billion yen by the fiscal year 2027.

### ---Novelty

- World-class performance of visual comprehension technology.
- Task execution with human interaction.
- Customization for business environments.