IOWN INTEGRAL
NTT R&D FORUM 2024

BUSINESS
β 01-05
Edge as a Service for edge AI
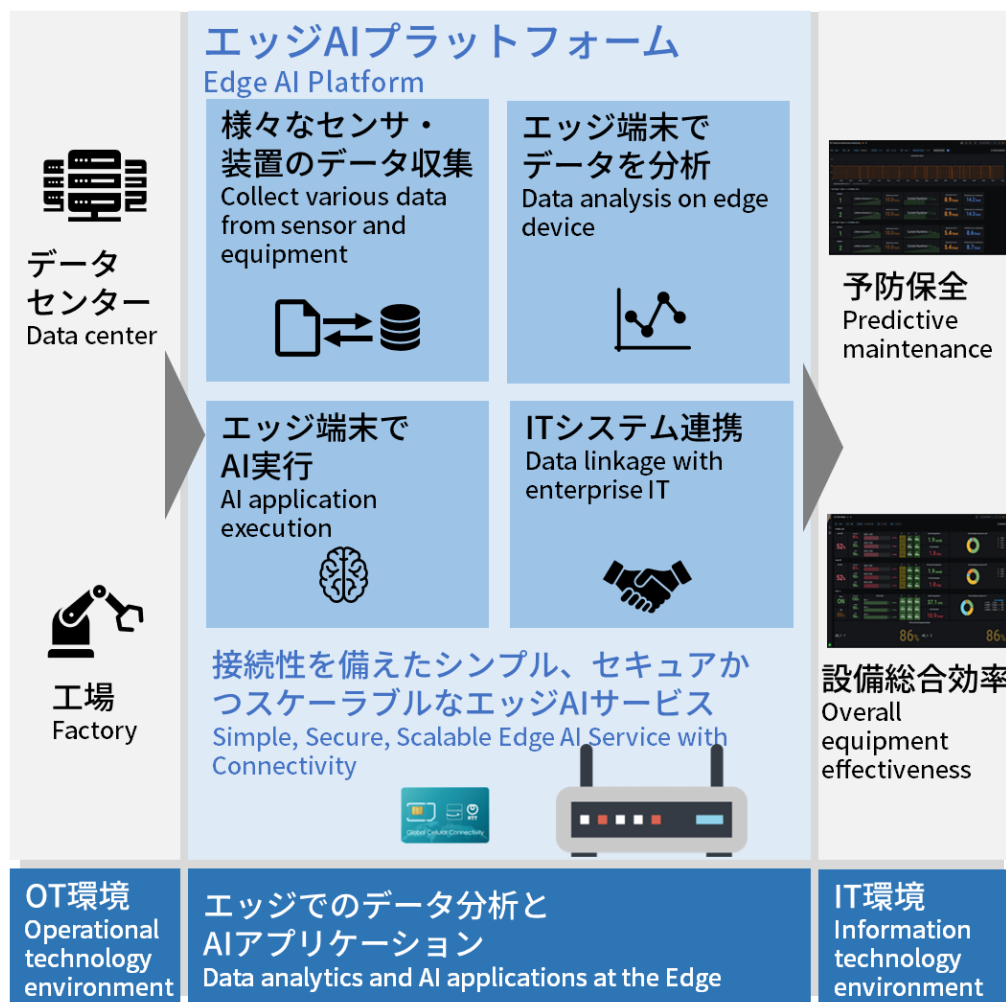
Easily and cost-effectively deploy edge AI and edge computing worldwide
#Productivity Improvement   #Customer Experience Value Creation

エッジAIプラットフォーム
Edge AI Platform

データセンター
Data center

工場
Factory

様々なセンサ・装置のデータ収集
Collect various data from sensor and equipment

エッジ端末でデータを分析
Data analysis on edge device

エッジ端末でAI実行
AI application execution

ITシステム連携
Data linkage with enterprise IT

接続性を備えたシンプル、セキュアかつスケーラブルなエッジAIサービス
Simple, Secure, Scalable Edge AI Service with Connectivity

予防保全
Predictive maintenance

設備総合効率
Overall equipment effectiveness

OT環境
Operational technology environment

エッジでのデータ分析とAIアプリケーション
Data analytics and AI applications at the Edge

IT環境
Information technology environment

///Technical Issue

Preparation of lines and support system are barriers to global expansion of edge AI and edge computing.

///Research Goal

We will streamline the operation, maintenance, and management of terminals and make it easy to introduce large-scale edge AI and edge computing.

---Technology

We provide managed services that enable remote operation and management of everything from devices to applications using edge devices with global 4G/5G connectivity.

---Novelty

Various cataloged AI applications can be distributed to edge terminals and AI can be easily introduced, even if the highly skilled engineers required in the past are not available on site.

---Applicable Business

OT use cases such as sensor data collection, visualization of equipment operation status, and predictive maintenance in the manufacturing industry (Service Available).