AI and Analytics

Fujitsu co-create business solutions within an ecosystem of customers and partners based on a growing end-to-end set of services, solutions and technologies for AI, based on Zinrai and partner technologies. Fujitsu delivers end-to-end smart data and analytics approaches, based on advanced technology and analytical expertise.

Services

AI and Analytics Services

■ **Analytics Services**

Fujitsu helps organizations to ensure their business is generating maximum ROI across their customers and operations by placing data at the heart of what they do. Our services align to tackling key data issues within organizations, from customer engagement, operational efficiency to risk & fraud. Fujitsu co-creates with your organization to understand your business requirements and needs and how you can truly leverage the power of advanced analytics. Using the best of breed technologies, Fujitsu provides a range of use cases matched to your requirements which can be deployed on premise, cloud or hybrid and all supported by our SMART Analytics Services.

■ **Zinrai AI Consulting and Services**

Fujitsu Human Centric AI support customers to find new ways of working in a context of responsible business. Fujitsu works with the customer to understand their business and to determine the feasibility of our solutions to meet your business need. Activ8, Fujitsu's approach to Design Thinking, helps clearly identify the business opportunity.

Combined with our business consulting tool XpressWay, Fujitsu can determine how the solution will deliver business value to your organization targeting cost efficiency and revenue growth.

■ **FUJITSU Quantum-inspired Computing Digital Annealer**

Digital Annealer is an innovative approach towards computing that embraces the advantages of quantum and classical computing. It uses a digital circuit design inspired by quantum phenomena, and can be utilized right now for actual problems in our societies such as route optimization, placement of equipment, marketing and scheduling, etc.

・ Digital Annealer has a fully connected architecture enabling freely exchanging signals. 1024-bit full interconnections make it possible to solve combinatorial optimization problems of larger-scale ever, and achieve high accuracy of 65,536 scale.
・ Digital Annealer can fit into a datacenter rack, and works at normal temperature that realizes stable operation.
・ Technical Services by Fujitsu engineers are available from system implementation to operation phases.

Solutions

AI Business Solutions powered by Zinrai

Through Zinrai Human Centric solutions, which can be used either via the cloud or on-premise, Fujitsu provides complete support over the lifecycle of a customer's AI journey, from consulting and co-creation through to deployment and operation. The early phases of customer engagement (consulting and co-creation) are available immediately through our XpressWay approach, with later phases employed as needed according to customer needs.

■ **AI Predictive Maintenance powered by Zinrai - Keeping the Lights On**

This solution predicts the timing of failures in advance of it occurring with a higher level of accuracy leading to reduced business disruption.

■ **AI Customer Flow Analysis powered by Zinrai - Making the Invisible Visible**

The solution helps to target customers with right products at the right time through behavioral analytics of customers' habits and behaviors and to spot risky behaviors and hazardous situations for an earlier intervention.

■ **AI Quality Control powered by Zinrai - Making it Right**

The solution uses advanced image recognition technology to recognize product defects during the inspection process. The time for manual process is reduced drastically by highlighting the main area to be considered for potential anomaly detection.

■ **AI Social Infrastructure Maintenance powered by Zinrai- Keeping Things Moving**

The solution improves safety and maintenance of social infrastructure: Bridges, highways, tunnels, airports, parking facilities, etc. It helps to make early detection of degrading infrastructures.

Products

Software

Fujitsu provides a systematic lineup of software products designed to facilitate the use of Big Data. This lineup features software products that customers can easily use on-site. Fujitsu has developed, through implementation of Platform Services for Data Utilization, a cloud service for utilizing Big Data. In addition, we have helped customers to utilize Big Data by making it simple to install and operate, and by providing an ecosystem that makes it easy for customers to combine software with other products including open-source software.

■ **Middleware**
  ■ FUJITSU Software Interstage Big Data Parallel Processing Server
  ■ FUJITSU Software Interstage Big Data Complex Event Processing Server
  ■ FUJITSU Software Interstage Terracotta BigMemory
  ■ FUJITSU Software Symfoware Analytics Server

Servers

The FUJITSU x86 based servers of our PRIMERGY and PRIMEQUEST portfolio are designed for AI typical use cases like data intensive workloads such as the analysis of unstructured data, transaction databases as well as massive parallel computing power from today's high performance computing (HPC) applications in fields such as scientific research, product development and business intelligence.

■ **Excerpt of associated hardware**
  ■ FUJITSU Server PRIMERGY CX400 M4
  ■ FUJITSU Server PRIMEQUEST 3800B
  ■ FUJITSU Server PRIMERGY RX4770 M4
  ■ FUJITSU Server PRIMERGY CX600 M1
  ■ FUJITSU Server PRIMEQUEST 3400E
  ■ FUJITSU Server PRIMEQUEST 3800E

Integrated Systems

Under the name of FUJITSU Integrated System PRIMEFLEX, Fujitsu provides a broad lineup of Integrated Systems. For a full description, please see the "Integrated Systems" section on page 78.