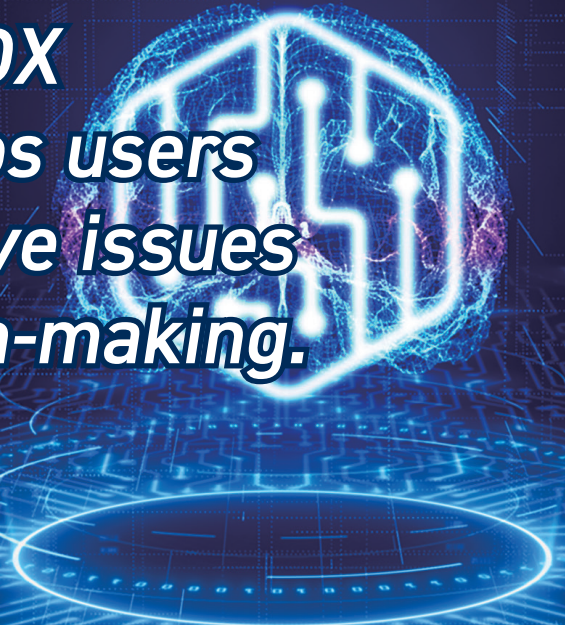


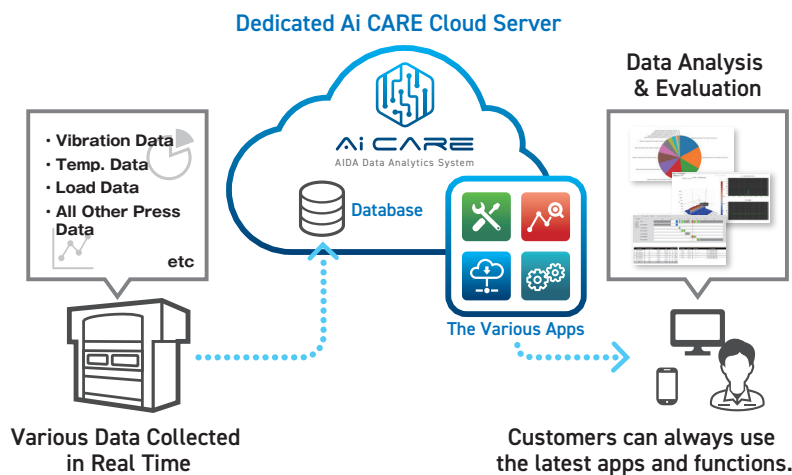


Introducing AIDA's new DX support system that helps users understand how to resolve issues and aids them in decision-making.



AIDA "Ai CARE" Data Analytics System

The AIDA "Ai CARE" Data Analytics System provides valuable visualizations of data stored in the cloud. Yet the greatest feature of the system is the data analysis grounded on AIDA's many years of experience combined with AI technologies. The meaningful pattern and trend information that emerges as a result of these analyses is provided to the user in easy-to-understand visual and verbal formats to help guide even non-experts to appropriate measures via the shortest route.



Data is gathered in real time from sensors mounted on presses and peripheral equipment. This data is uploaded to AIDA's dedicated cloud server via an Internet connection, where it is centrally managed. An array of AI-based applications in the AIDA Data Analytics System analyzes and evaluates the gathered data. The applications then provide information to users that can be used to make business decisions.

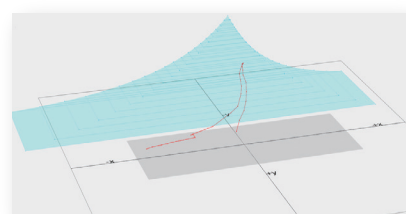
Details on the back

AIDA "Ai CARE" Data Analytics System Features

Together with the 'visualization' of basic information management functions (forming, utilization, and maintenance) that support daily production management, the latest analytical systems and AI technologies are used to find significant patterns and trends. The analysis results are presented in easy-to-understand graphics and text that can aid in decision-making.

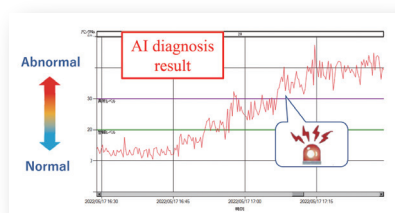
The applications independently analyze and display the gathered data.

AIDA's load monitoring application analyzes the gathered data to enable users to immediately see differences between the designed load center position of a die and the actual load center position. The die life monitoring application analyzes die-related data and continuously monitors current die conditions. And it can also predict the life of the die.



Using AI to build detection systems tailored to customer needs.

The AI-based predictive failure detection app (health monitor) is able to detect small changes that would be difficult for personnel to notice, enabling the detection of signs of failure at an early stage. When a variation from the normal operation model is detected, an alert is outputted to warn of a potential failure.



Solving Work-Related Issues While Chatting with Generative AI

The generative AI agent (Ai CARE Chat) will provide customers with answers about the information they are looking for, ranging from information about how to operate the machine and how to get it back into operation to technical knowledge that AIDA has amassed throughout the years, such as metalforming methodologies. This makes it easy to collect the information needed to solve work-related issues.



[Overview of the Various Functions]

Function	Functionality Overview	Load Data	Ai CARE-HS	Ai CARE-UL	Ai CARE-C
Basic Information	Load Display	Graphically displays all types of load data	○	○	○
	Fault History	Displays press and peripheral equipment fault histories *1	○	○	○
	Fault Statistics	Displays statistical graphs by fault type and by product	○	○	○
	Operation Status	Displays daily operational information	○	○	○
	Chronological Data	All of the machine data is graphically displayed in chronological order	○	○	○
	Parts Maintenance	Displays the service life and the inspection timing for each part	○	○	○
Analysis Information	Load Monitor	Calculates and monitors off-center loads (Allowable Off-Center Load Chart)	○ *2	×	○ *2
	Die Life Monitor	Analyzes die-related data and continuously monitors die conditions	○	○	○
	AI Predictive Failure Detection (Health Monitor)	Detect tiny anomalies and signs of failure based on a normal operation model	○	○	○
	Lubricating Oil Monitor	Monitors temperature and pressure to detect lubricating oil issues	○	×	Option
	Generative AI Agent (Ai CARE Chat)	Generative AI answers questions based on AIDA's accumulated know-how	○	○	○

*1 Peripheral equipment data collection is an option.

*2 Depending on the number of load sensor channels, it may not be possible to utilize the load monitoring function.

[Overview of Available Services]

Product Name	Primary Specifications	Price
Ai CARE-HS Subscription License	High-Speed Presses with Std. Specs. (MSP Series only)	Provided as standard with a 2-year license *
Ai CARE-UL Subscription License	High-Precision Presses with Std. Specs. (UL Series only)	Provided as standard with a 2-year license *
Ai CARE-C Subscription License	Customizable for All Press Specifications	Customized quotation

*Starting with the 3rd year, the license is renewed annually. ●Ai CARE is only available for AIDA-made presses and peripheral equipment.

●Current users of conventional Ai CARE-T can continue to use it as-is. (Please contact AIDA if you wish to upgrade to Ai CARE-C.)

●As there are regions where this cannot be used as well as other limitations, please consult with AIDA.

●AIDA can also provide training and technical support services at the time of implementation. (Please ask for a quotation.)

●Please note that this information is subject to change without notice.



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