

Contribution to resolving societal challenges by working closely with customers and providing optimal solutions to their needs and challenges

Group company IDEC FACTORY SOLUTIONS CORPORATION leverages its core control technologies as a problem-solving system integrator. It engages in diverse systems businesses centered around IDEC's strong suit safety-related devices and safety systems. Examples include:

- Control systems business
- Automation business
- Library systems business



Renovated head office (top) and factory (bottom)

Designing/producing UL508A-certified control panels and providing machinery safety consulting to support machinery manufacturers supplying the North American market

IDEC FACTORY SOLUTIONS CORPORATION is a UL-certified manufacturer that designs and produces control panels compliant with UL508A, a US standard for industrial control panels. Its integrated system of customer support covers preliminary risk assessment, design, manufacturing, and delivery.

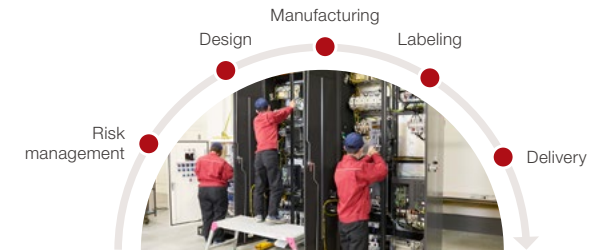
Growing demand for products such as EVs and semiconductors is driving greater investment in factory construction and other fixed capital in North America. This has expanded the need for factory solutions that provide a high level of safety compliant with UL standards. IDEC FACTORY SOLUTIONS' safety professionals—all certified safety assessors—answer that need by using their knowledge and expertise in machine safety to formulate solutions and provide consulting, starting from the conceptual stage.

Sticker indicating UL-listed products

A "UL Listed" sticker is affixed to a control panel certified by a Nationally Recognized Testing Laboratory (a third-party testing organization recognized by the US Occupational Safety and Health Administration).



Integrated system of customer support



Proposing robot systems anticipating a future society where humans and robots collaborate



AMR use cases

There is a rising need for solutions that improve productivity by utilizing automation in ways that achieve greater value added—such as automating conveyance processes at factories by using AMRs and automatically linking them with the production systems. IDEC FACTORY SOLUTIONS offers total systems that expand the value added of AMRs. To do this, it visualizes customer needs through simulations performed at the conceptual stage, originally develops customized top modules (conveyors, lifters, etc.), and adds features such as automatic linkage with elevators.

Using digital technology to visualize issues, and stepping up system efficiency solutions



The food industry faces two key issues that impact society—labor shortages and food waste/loss. IDEC FACTORY SOLUTIONS provides the industry with system solutions that support the construction of new factories and adoption of new technologies.

The company is also stepping up its offerings of factory digitalization solutions to the factory automation industry. These solutions respond to the need for greater production efficiency through equipment status monitoring, predictive maintenance systems, and visualization of the entire production line.



Team Member's Message

Earning strong trust with superb electrical equipment technology and consulting

Katsunori Oda

Sales Development Team,
Control Systems Division
IDEC FACTORY SOLUTIONS CORPORATION

Our expertise in control panel design and production enabled our company to become certified as a UL508A control panel manufacturer. This dramatically increased the number of consultations we receive from Japanese manufacturers that supply machinery to the US market. Machinery designed for use in the US has to meet steep electrical requirements, including high short circuit current ratings, and it's difficult to do that with conventional Japanese design theory. Our extensive know-how in electrical design and ability to provide consultation on machine safety compliant with ANSI/NFPA 79* has earned strong trust from many clients.

* US Electrical Standard for Industrial Machinery, written by the American National Standards Institute (ANSI)