
From the Editor

Infrastructure Systems Company of Hitachi, Ltd. operates four businesses, which deal with the urban development and electrical machinery, water, industrial plant, and component sectors respectively, with a vision of being the “best solution partner” for overcoming the management challenges that global customers face. This issue of Hitachi Review focuses on the industrial plant sector, including examples of the company’s work in applications such as manufacturing execution systems, plant security systems, utility operation systems, and maintenance service systems.

In this issue’s Message, the President of the Infrastructure Systems Company describes its solutions for the industrial sector, including where it plans to take these in the future.

In Technotalk, the CTOs of the Infrastructure Systems Company and Information & Telecommunication Systems Company join the General Manager of the Business and Engineering Solutions Division of the Social Innovation Business Project Division to discuss their respective perspectives on how to gain a closer appreciation of the challenges faced by customers and what sort of approaches will be needed in the future to confront customers’ management challenges.

The issue also includes articles that cover a variety of technologies and solutions supplied by Hitachi that are essential to customers’ business operations. These include descriptions of manufacturing execution systems and intelligent logistics systems that play a role in achieving efficient production, and examples of the approach Hitachi has adopted to food and regenerative medicine. One article uses the example of food processing plants to profile plant security, a risk mitigation measure that, in recent times, companies can no longer afford to ignore. Utility equipment has an essential role in business activity and one of this issue’s articles explains the operation of a cloud-based service and the control techniques it incorporates for optimizing energy efficiency. Another article describes solutions that provide total support for production, including a service system that helps reduce things like industrial equipment downtime and life cycle costs.

I hope that the work on problem-solving solutions for the industrial sector described in this issue will prove useful to readers by providing you with a better understanding of the activities of Hitachi as it pursues its Social Innovation Business.

Editorial Coordinator,
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