

Osaka Gas Starts an IoT Service for Plants

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On April 1, 2019, Osaka Gas Co., Ltd. (President: Takehiro Honjo, hereinafter, “Osaka Gas”) will start promoting a service that utilizes IoT to offer solutions that lead to higher plant productivity (hereinafter, “the New Service”).

Manufacturers face a wide range of issues, from improvement in quality and production efficiency to labor shortages due to the aging of experienced technicians. IoT can be a solution to these issues, but there are obstacles to its introduction, including high capital costs and lack of system experts.

Osaka Gas has accumulated simulation and sensor technologies in the gas business, and it also has access to the Daigas Group's system development and data analysis skills. Making use of these advantages and further deepening its consulting sales activities at customers' sites, Osaka Gas will offer IoT systems that resolve plant-wide issues for customers.

The New Service will be a one-stop IoT service. Osaka Gas will select optimal devices and sensors, and offer data visualization and analysis tools.

The New Service is expected to minimize unexpected equipment failures by monitoring trends in equipment operation data and maintain stable quality by checking processing conditions against product quality data. Osaka Gas will offer an inexpensive, versatile IoT service that meets the needs and characteristics of individual industries. In the sake brewing industry, for example, Osaka Gas will utilize its technologies of visualizing water absorption into rice and simulating fluid dynamics to assist brewing experts in decision making in their work and further improve product quality.

By combining our own expertise with AI, IoT and other advanced technologies, we will continue to expand our services that are helpful for our customers to grow their businesses and resolve any issues they may have.

To learn more about Daigas Group's technological capabilities and global business activities, visit the following ENTERPRISE FUTURE websites:

For computers: http://www.osakagas.co.jp/en/company/enterprise_future/

For smartphones: http://www.osakagas.co.jp/sp/en/company/enterprise_future/