



September 13, 2024
Cosmo Energy Holdings Co., Ltd.
Cosmo Oil Co., Ltd.

Cosmo Energy Group Gives Presentation on Generative AI-Driven Refinery Digitization at Cognite Atlas AI Summit in Tokyo

Cosmo Energy Holdings Co., Ltd. and Cosmo Oil Co., Ltd. (hereafter, “Cosmo Oil”) took part in the Cognite Atlas AI Summit in Tokyo, sponsored by Cognite K.K. (hereafter, “Cognite”) and held at The Tokyo Station Hotel on September 12, where they gave a presentation on building digital refineries through the use of Cognite Data Fusion® and the application of generative AI.

Under Vision 2030, which sets out the Cosmo Energy Group’s medium- to long-term vision, the Group is working to strengthen the competitiveness of its *Oil Business* by digitizing its refineries. As part of these efforts, Cosmo Oil has adopted Cognite Data Fusion®, a specialized industrial DataOps platform, since May 2024.

During the presentation, representatives from the Cosmo Energy Group shared an example of Cognite Data Fusion® utilization, where data that was scattered across individual refineries and paper-based drawings that had not yet been digitized were quickly integrated and linked on the platform, allowing data necessary for operations to be retrieved with a single click. They also highlighted how the platform enables young employees to immediately contribute as digital personnel without relying solely on experience, thereby yielding multiple benefits, namely improved efficiency and onsite reforms as a result of data utilization. In addition, the presenters also shared the factors behind the successful company-wide deployment of Cognite Data Fusion® at Cosmo Oil just seven months after the start of the adoption project in November 2023, as well as how to use it, including through a live on-screen demonstration.



Photo of the presentation



Photos of speakers in action (Left: Tetsumasa Hachiya, Group Manager, IT System Development Group, IT Initiative Dept., Cosmo Energy Holdings; Right: Kiyohide Yoshii, Group Manager, Maintenance Strategy Group, Mechanical Reliability Dept., Cosmo Oil)

Going forward, the Cosmo Energy Group remains committed to strengthening the competitiveness of its *Oil* Business through digitization.

(Reference)

Press release issued on October 26, 2023

[Cosmo Energy Holdings Partners With Cognite To Drive High Operational Efficiency](#)

[*The adoption of Cognite Data Fusion[®], a specialized Industrial DataOps platform, will serve as the cornerstone of Cosmo Energy's digitalization aspirations*](#)

(End)

(The official language for Cosmo Energy Group's filings with the Tokyo Stock Exchange and Japanese authorities, and for communications with our shareholders, is Japanese. We have posted English versions of some of this information on this website. While these English versions have been prepared in good faith, Cosmo Energy Group does not accept responsibility for the accuracy of the translations, and reference should be made to the original Japanese language materials.)