

PRESS RELEASE

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Chiyoda Launches 'AI Solution Unit' Providing Big Data Analytics and AI Solution Services

Chiyoda Corporation ("Chiyoda", TSE: 6366, ISIN: JP3528600004) is pleased to announce the launch of the 'AI Solution Unit', a new business unit aimed at increasing customer value utilizing new, high technology Big Data Analytics and Artificial Intelligence (AI).

Chiyoda demonstrated Big Data Analytics for component units of a flue gas desulfurization unit installed as part of a power plant. By using Correlation Analytics on operational Big Data and our process engineering studies, Chiyoda proved that Big Data Analytics can predict repetitive functional degradation of rotating machinery by analyzing the correlation between equipment.

The demonstration confirmed Chiyoda's ability to predict previously unpredictable degradation and prevent resulting incidents using Big Data Analytics. Furthermore, Chiyoda is investigating how applying 'Internet of Things' (IoT) in Big Data Analytics, utilizing innovative sensor technologies, can strengthen our prediction capabilities.

Close communication was maintained with the plant owner throughout the project to collaboratively examine physical and functional 'cause and effect' relationships between equipment and develop countermeasures.

The 'AI Solution Unit' will also enable Chiyoda to offer added value for customers through AI solutions by aggressively applying Big Data Analytics, IoT and AI technologies.

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