GIS Spatial Analysis Based Solutions for the Electricity Industry

Nander Yang (China, PR)

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SUMMARY

The electricity industry, as the country's infrastructure, is the most important safeguard for a country. Intelligent electricity system management has always been a very important requirement to ensure his stable operation.

This article introduces a solution for the electricity industry that combines GNSS, GIS, monitoring and other technologies for power station management, line inspection, electricity equipment monitoring, etc.Normally involves multi-sensor fusion technology, LIDAR, UAV, GIS data collection, indoor and outdoor positioning and other cutting-edge technologies.

With our solutions, we can significantly reduce the labour costs of daily management in the electricity industry, while giving staff an easy and quick overview of the overall status of the power system through an online platform. When faults or problems occur in power systems and facilities, they can be detected and alerted at the earliest opportunity.

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