Straive™

Case Study

A leading global manufacturing company was able to reduce carbon emissions by 85%

Challenge

A leading global manufacturing company faced challenges with reducing carbon emissions. Traditional monitoring and control processes were inefficient and lacked real-time data, making it difficult to identify emission sources and take timely corrective actions.

Approach

Utilize AI-driven solutions to monitor and analyze carbon emissions in real-time enables the company to identify emission hotspots and implement effective reduction strategies.

Outcome

Installation: Sensors and IoT devices were installed in key areas to collect real-time data on carbon emissions.
AI Model Development: Machine learning algorithms were developed to analyze the data, predict emission trends, and identify the most significant sources of emissions.

Solution

The AI-powered emission monitoring system utilized real-time data analytics to track carbon emissions continuously. It provided actionable insights and predictive analytics, allowing the company to implement targeted emission reduction measures. The system also generated alerts for unexpected emission spikes, facilitating immediate corrective actions.

Key Results

85% Reduction
In carbon emission

About Straive

Straive is a market-leading content technology enterprise that provides data services, subject matter expertise (SME), and technology solutions to multiple domains, such as research content, eLearning/EdTech, and data/information providers. With a client base scoping 30 countries worldwide, Straive's multi-geographical resource pool is strategically located in seven countries - the Philippines, India, the United States, Nicaragua, Vietnam, the United Kingdom, and Singapore, where the company is headquartered.

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