

Saigon Paper Applies iLotusLand Platform for The Data Management Practices



TIME
2019



LOCATION
Ho Chi Minh city - VietNam



CLIENT
Sai Gon Paper

ABOUT THE CLIENT

Sai Gon Paper Company, established in 1997, is a leading Vietnamese paper manufacturer with a total production capacity of 273,000 tons per year. The company owns two mills, My Xuan 1 and My Xuan 2, in My Xuan A Industrial Park, with My Xuan 2 being one of Vietnam's largest. They produce 43,680 tons of tissue paper and 224,640 tons of industrial paper annually, serving both domestic and international markets.



THE CHALLENGE

With two stack emission monitoring stations and one wastewater monitoring station, Saigon Paper encounters significant data management challenges. The decentralized nature of data from various remote locations requires engineers to invest more time and effort in monitoring and troubleshooting issues as they arise. This also extends to the reporting process, where managing data from three stations significantly prolongs the time required for completion. Furthermore, communication across different levels of operation may experience misalignment, complicating overall efficiency.



THE SOLUTION

To resolve these challenges, iLotusLand introduced the iLotusLand Platform for Environment to Saigon Paper. This solution integrates data from all three monitoring stations into a unified dashboard, enabling remote management. The platform ensures that data is accessible from anywhere at any time via mobile app and website, significantly boosting engineers' efficiency. It also improves coordination across all company levels, simplifying communication. Additionally, reporting is now streamlined, with data from all stations centralized and processed in just a few seconds.

Application	Waste Water	CEMS
Number of stations	1	2
Measured parameters	COD, Clo, Color, Flow, Amoni, TSS, Temp, pH	CO, Flow, NOx, O2, Dust, SO2, Temp
Software model	<u>iLotusLand Platform for Environment (On-Cloud)</u>	



THE RESULT

“We now can communicate with our colleagues effectively as all information now is digital which makes us all aligned”
– Customer feedback

Following the installation of the solution, Saigon Paper has experienced enhanced operational efficiency. This improvement has not only facilitated better compliance with local regulations but also elevated the company's brand image, aligning it with green manufacturing practices and ESG standards, which are increasingly valued.

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iLotusLand is an environmental IoT company offering data-driven environmental monitoring solutions for better decision-making. With our plug-and-play stations, we monitor a wide range of parameters in Wastewater, Surface Water, Groundwater, Drinking Water, CEMS, AAQMS, etc. And iLotusLand data analytics platform delivers actionable insights for government, industries, and communities. Our commitment is to be a key player in fostering a sustainable future through intelligent environmental monitoring solutions and data science.”