Protrade International Tech Park Utilized the iLotusLand Platform To Manage 4 Waste Water Monitoring Stations Remotely

TIME
2023

LOCATION
Binh Duong Provine- VietNam

CLIENT
Protrade International Tech Park

ABOUT THE CLIENT

Protrade International Tech Park (PITP) is a 500-hectare new generation industrial park in Binh Duong. PITP provides excellent infrastructures and extensive supporting amenities for companies seeking quality business space in a safe and conducive environment. Besides offering a flexible choice of industrial spaces from prepared land parcels, Ready-Built Factories to customized solutions, the PITP team also provides integrated customer services to tenants and thereby enabling them to focus on their core business.
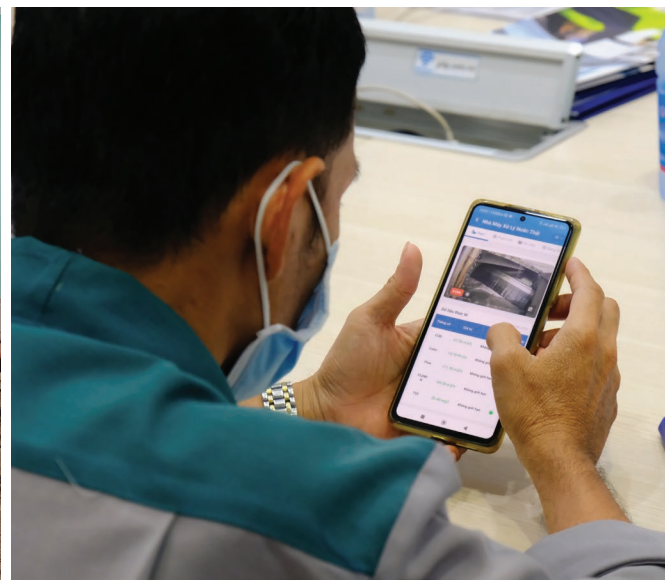

THE CHALLENGE

Operating with four wastewater monitoring stations in remote areas, Protrade Industrial Park faces numerous challenges due to localized data. First, without centralized data, oversight becomes fragmented, complicating detection of issues. Second, delays in response are inevitable, risking environmental harm. Third, limited access to comprehensive data hinders accurate analysis and decision-making. Lastly, coordination among remote stations is difficult, impeding cohesive management efforts. Centralizing data is crucial to address these challenges and ensure effective wastewater management.

THE SOLUTION

To tackle Protrade's data issues, iLotusLand introduced the iLotusLand Platform for Environment On-Premise. This unique solution consolidates data from four remote monitoring stations into a unified dashboard for remote management. What sets it apart is its commitment to data security; rather than storing data on overseas servers, it securely resides on the client's server. With centralized data, clients can fully utilize features like camera integration, automated reporting, and incident management, simplifying their workflow for enhanced productivity.

Application	Waste Water
Number of stations	4
Measured parameters	COD, TSS, Ammonium, pH, Flow, Temp, Color, Free Chlorine, Total Nitrogen
Software model	iLotusLand Platform for Environment (On-Premise)

THE RESULT

"Thanks to the simplicity of account management, we can simply create account and manage the account easily –
Mr. Anh Le, Manager

Following the solution's implementation, Protrade Industrial Park witnessed enhancements across all operational sectors, leading to improved workflow. This advancement not only aids in aligning with local regulations but also bolsters brand reputation, fostering sustainable development. Moreover, transitioning towards Environmental, Social, and Governance (ESG) initiatives enables Protrade to attract a broader client base for investment opportunities.

"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."