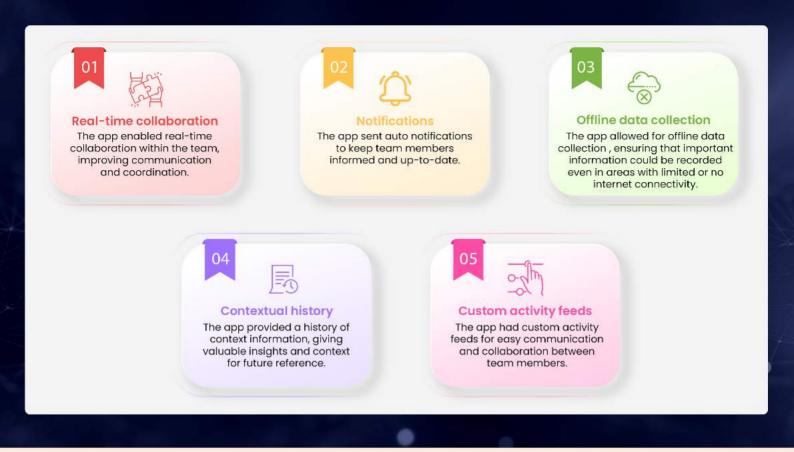


Revolutionary App Transformed Water Treatment Operations at Metropolitan Water Supply Body

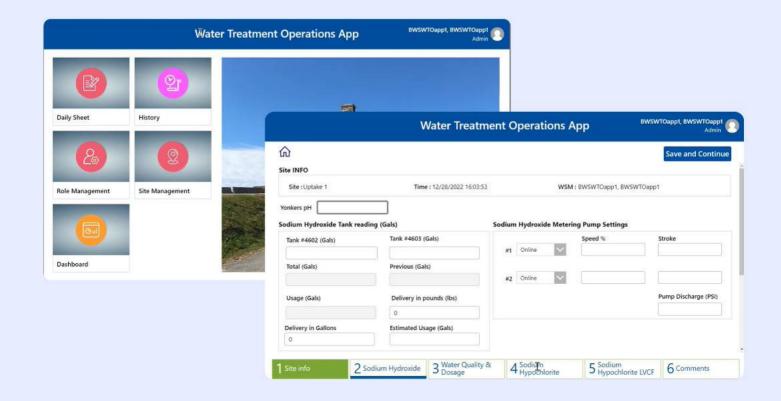
Improved Efficiency, Effectiveness, and Data Quality

The Water Treatment Operations (WTO) team at the water supply body in the metropolitan area plays a crucial role in ensuring the quality of water at seven different facilities throughout the city. However, the team faced several challenges with their outdated manual, paper-based system for collecting and analyzing data. This system was time-consuming and inefficient, making it difficult to review and analyze information and leading to delays in decision-making and reporting.

To address these challenges and improve the efficiency and effectiveness of the Water Treatment Operations team, Acuvate proposed the WTO Field App, a custom Power App built on the Power App platform with insights and analytics provided by Power Bl. The app had several key features that addressed the challenges faced by the team, including:



The implementation of the WTO Field App resulted in several benefits for the Water Treatment Operations team. It reduced the reliance on paper templates and manual data entry into Excel spreadsheets, ensuring data quality and consistency through built-in validation and timestamped entries. It also eliminated the need for labor-intensive manual to digital transcription by back-office staff, saving up to 80% of the time previously spent on these tasks and freeing up valuable time and resources for more meaningful work.





The app provided real-time collaboration and communication between team members, improving efficiency and coordination, and allowed for offline data collection and automatic synchronization when connected to the internet, ensuring that important information was not lost due to connectivity issues. Through powerful Power BI dashboards, supervisors also had greater visibility into all functions and historical data.

Overall, the implementation of the WTO Field App has transformed the way the Water Treatment Operations team works and make a real difference in the quality of water being treated for the citizens. It enables the team to make informed decisions and report on data promptly, improving their operations' overall efficiency and effectiveness. By eliminating labor-intensive manual processes, it saves time and resources for more critical tasks, enhancing the team's productivity and impact.



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