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FACILITY MANAGEMENT OF TOILETS

Monitor the cleanliness, comfort and safety of your public restrooms

Challenges

Real-time detection of unexpected events

Control efficiency & frequency of cleaning services

Reinforcement of the safety & comfort of users
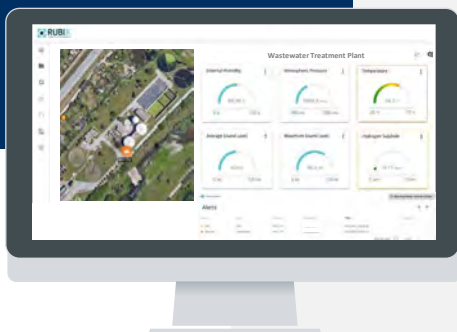
Collection of real-time user feedback

Solution

Real-time urine, feces and detergent odor detection

Control of cleaning processes efficiency and frequency

Triggering of the necessary interventions and investigations for odor identification

Increase of user security thanks to the detection of abnormal events (cigarette smoke, sound of screams of fights...)

Benefits

Ensure the experience, perception of cleanliness and comfort of users

Provide a thorough, regular and appropriate cleaning of the spaces

Guarantee high quality and optimized services

Improved trust and image of your restrooms

Context

Monitoring the cleanliness, comfort, healthiness state as well as safety of toilets in establishments open to the public or workspaces is an important operational issue for facility managers

Challenge

Understanding how to be present when unexpected events occur in public is a key element impacting user experience, health and safety. More than 62% of students refrain from using school restrooms, creating significant health issues. Detecting abnormal odors (urine, feces, detergents) and behaviors (fights, screams, use of cigarettes and cannabis) becomes critical to properly pilot the cleaning activities, to reinforce the safety of the users and specially to objectify

Solution

The POD2 is able to address the need for real-time urine and feces odor detection in restrooms as well as to ensure an optimized control of cleaning services. It allows to trigger the necessary interventions and investigations to identify these persistent odors. Security being also a key element, the POD2 can detect cigarette or cannabis smoke and identify the sound of screams or fights. Also, it collects subjective feedback of the users to verify their comfort

Impact

Firstly, the objective is to offer an optimal user experience thanks to the real-time monitoring of events. Also, it's a way of visualizing objective data to have a proper global understanding of the performance of processes and potential improvements such as the optimization of human interventions while improving comfort and healthiness. These actions improve the overall image of the environment, thus reinforcing public trust in restrooms

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