

# **HYDROEYE AI** A SMART INTEGRATED WATER/WASTEWATER NETWORK MANAGEMENT PLATFORM

HYDROEYE AI HELPS CUSTOMERS USE REAL-TIME SENSOR DATA AND AI BASED INSIGHTS TO MANAGE DISTRIBUTED WATER & WASTEWATER ASSETS SUCH AS SEWERS, DRAINS, MANHOLES, TANKERS, PUMPS AND DECENTRALIZED TREATMENT SKIDS

#### **OVERVIEW**

HydroEye AI is a user friendly platform powered by Space Age Labs. When used with the LIDoTT range of sensors, it provides an intuitive cloud based solution for a range of monitoring and measurement projects including:

- Sewer Level Monitoring
- AI based Blockage Prediction
- CSO monitoring
- Sewer Flow Monitoring
- I&I and Capacity studies

- Sewer Illegal discharge or water quality monitoring
- Sewer Network Asset digitization and management, geofencing to prevent underground asset damage from construction activities



#### **GEOSPATIAL INTERFACE**

User friendly and intuitive geospatial interface for sensor network data visualization, analytics and workflows for ease of operations and maintenance

#### **REAL TIME VISUALISATION**

One click quick site overview showing real-time visualization of time series data trend with rainfall data overlay, meta data summary and blockage / overflow alerts



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## SITE SUMMARIES

Device / site specific summary page with site location, images, meta-data, alarms history, maintenance logs (picture and text), analytics, insights and data download

### NO CODE PLATFORM

No code platform for device and user management – Easy to configure and interface multiple sensor types, multiple data feeds and setup rules and thresholds for alerts



Alarms						Duration May 14, 20	23 - May 22, 202
Active Feed Alarms	~ All Devices	V All Categories	- Search	Q®			
Last Updated 17	Alias Name	Name	Value	Category	Description	Ack Status	Alarm Upd
22 May 2023, 08:40 am	MSEM_8640	Feed - Anomaly	3.897496729	Ninst	Active since 6 days	Acknowledge Now	View Alarm H
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22 May 2023, 03:03 pm	MSEM_8640	Feed - Blockage Alert	2	warning	Active since 4 days	Acknowledge Now	View Alarm H
22 May 2023, 03:03 pm	MSFM_8619_Tidal_1 nfluence	Feed - Blockage Alert	2	Waming )	Active since 11 days	Acknowledge Now	View Alarm H
22 May 2023, 03.03	MSEM_8570	Feed - Blockage Alert	2	Warning	Active since 54 days	Acknowledge Now	View Alarm H

#### ALARM MANAGEMENT

Summary and historical logs of alarms for visualization and download.

Easy to configure alert notifications – mobile app, SMS, email or WhatsApp

### SUMMARY REPORTS

Customised scheduled reports for efficient management of sensors and operations

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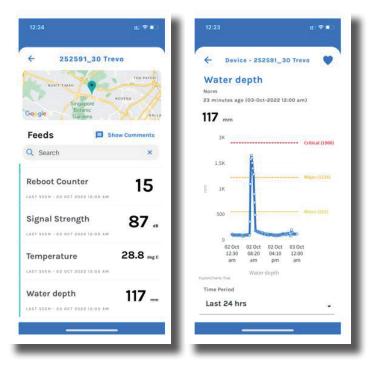


#### **MAPPING TOOLS**

Sewer Network overlay for source tracing, visualisation and analysis

#### **MOBILE APP**

Mobile app for 24/7 network visibility and anomaly notifications at finger tips for efficient operations anywhere anytime



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