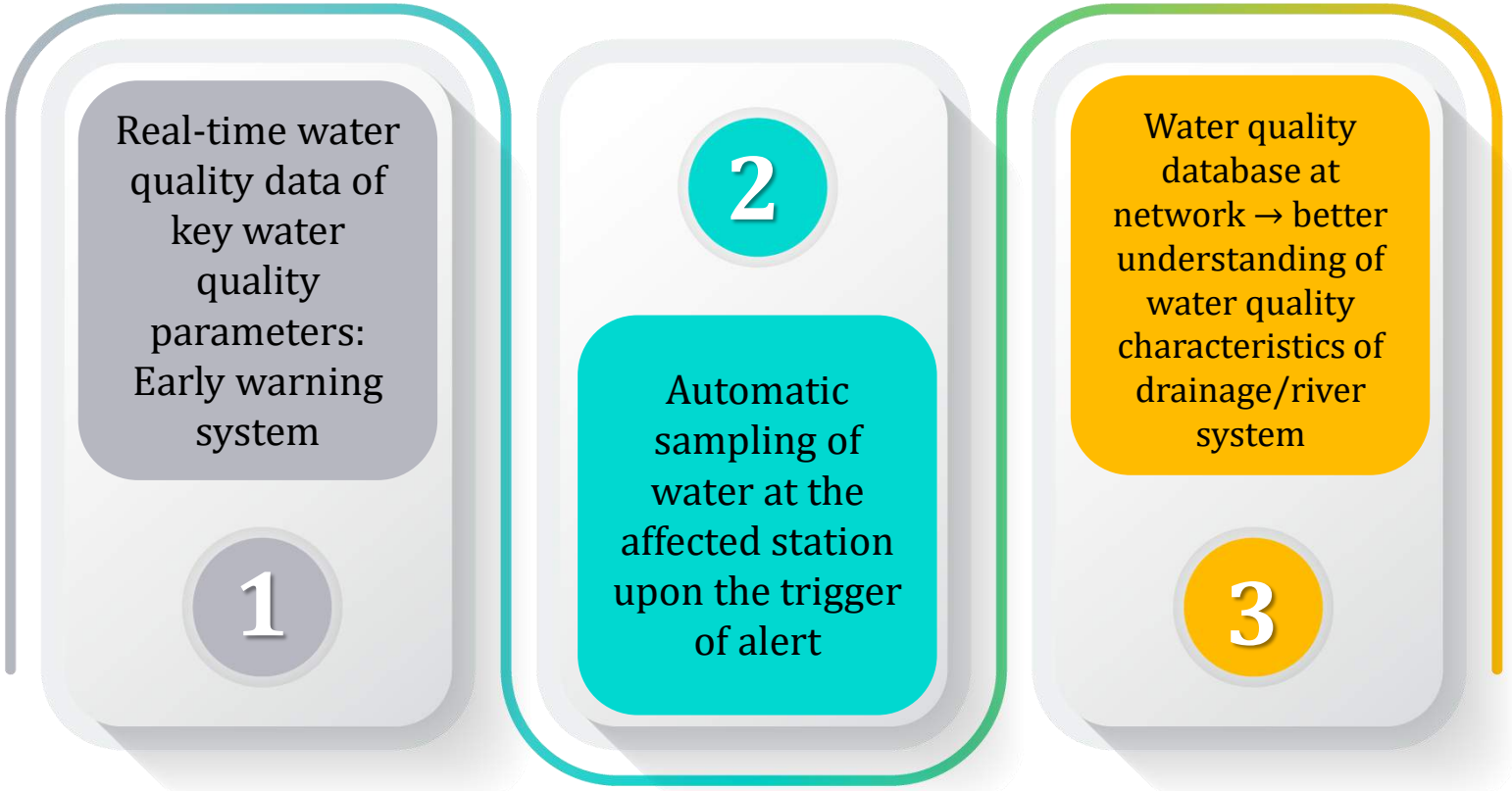
TRANSWATER
Engineers of Integrated Solutions

AUTOMATED WATER QUALITY MONITORING SYSTEM (AWQMS)

AWQMS Provides



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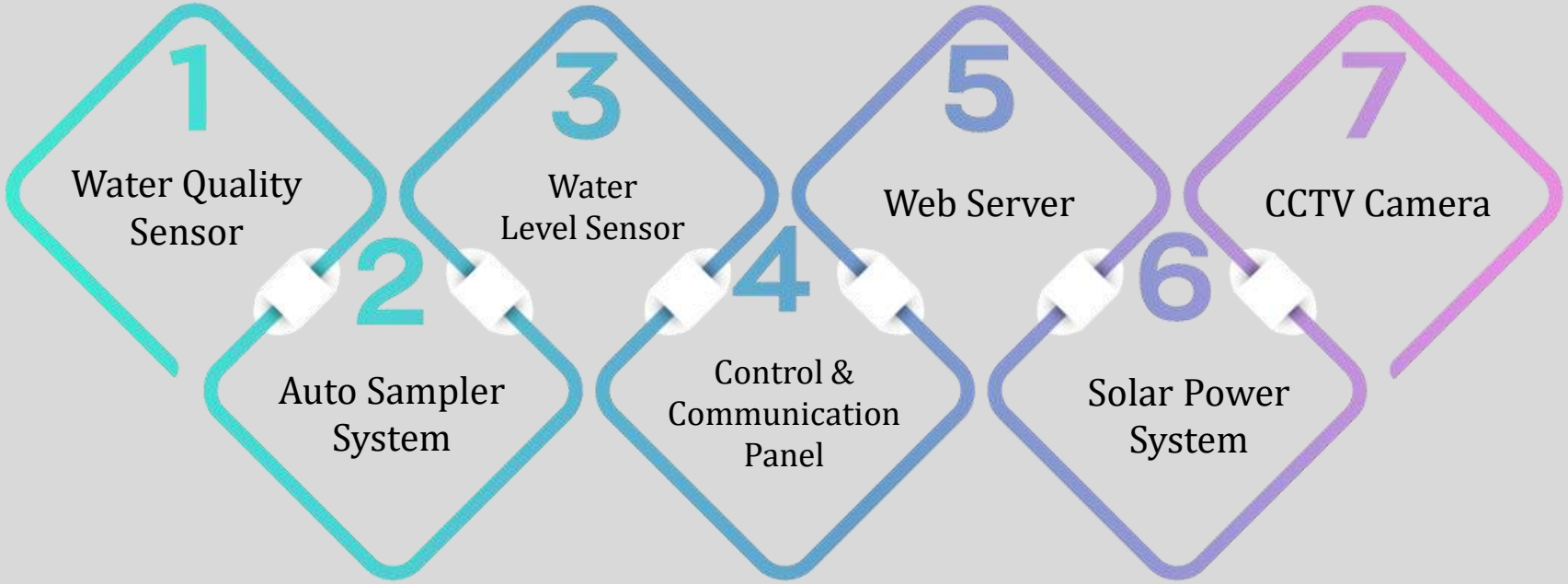
AWQMS Key Components



AWQMS Architecture

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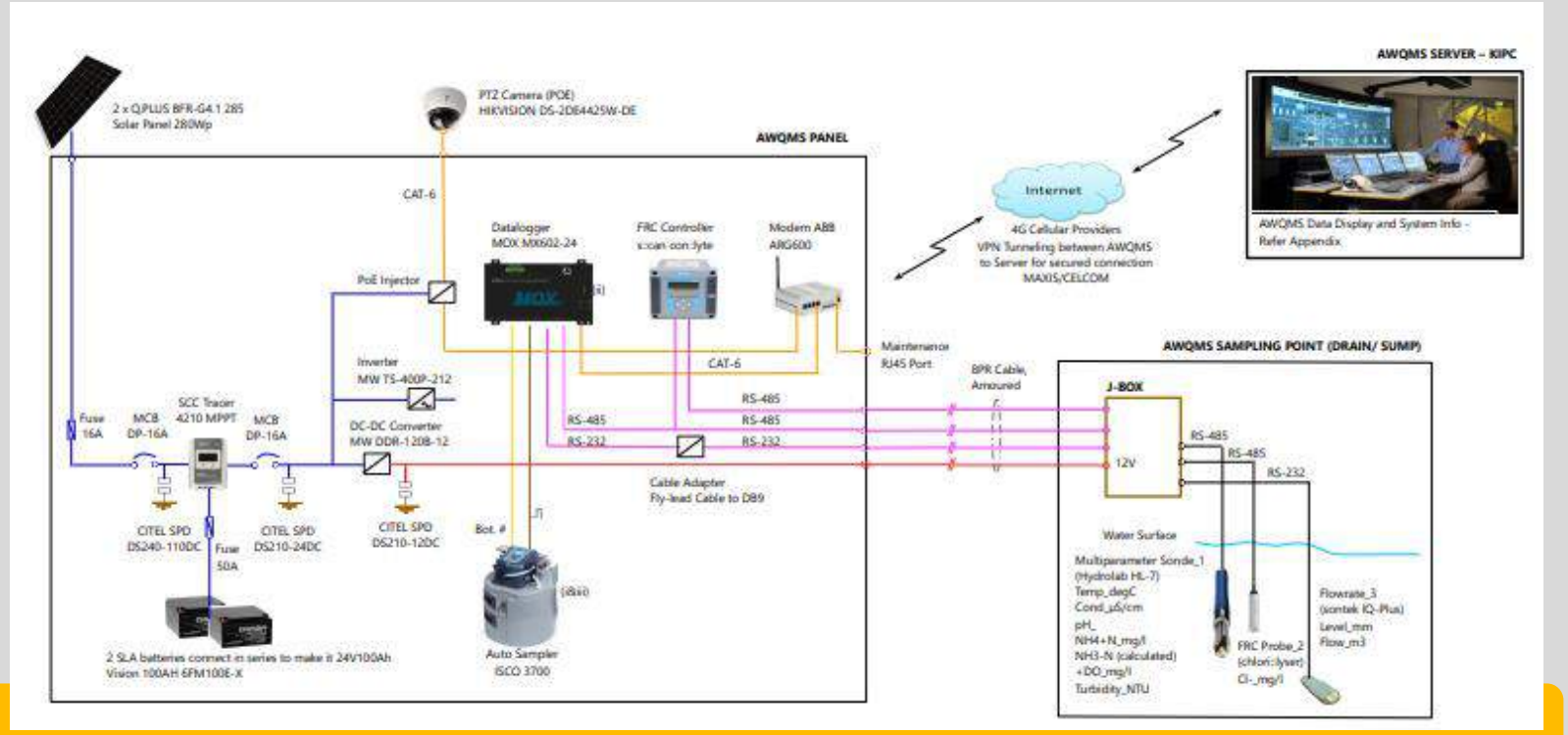
Single Line Architecture –

AWQMS for

- Water Quality
- Water Level
- Water Flow

CCTV Camera & Auto Sampler System



Remarks:

- The water sampler can be overriden to trigger wireless from AWQMS Server
- The datalogger triggers the water sampler by condition alarm (user can input pre-set limits)
- The water sampler sends a Bottle # (ID) to data logger upon pre-set condition trigger or manual override

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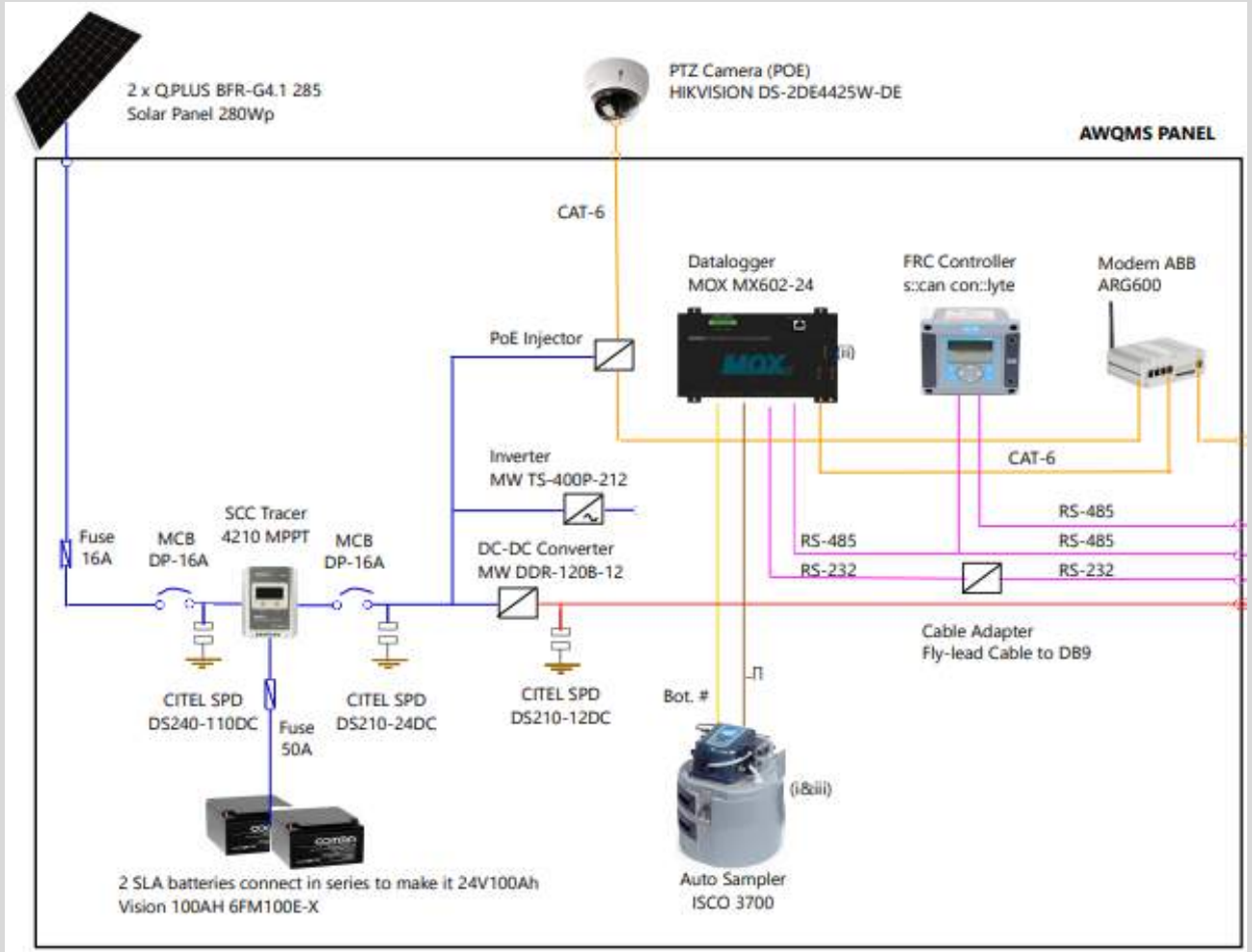
AWQMS Architecture

Panel



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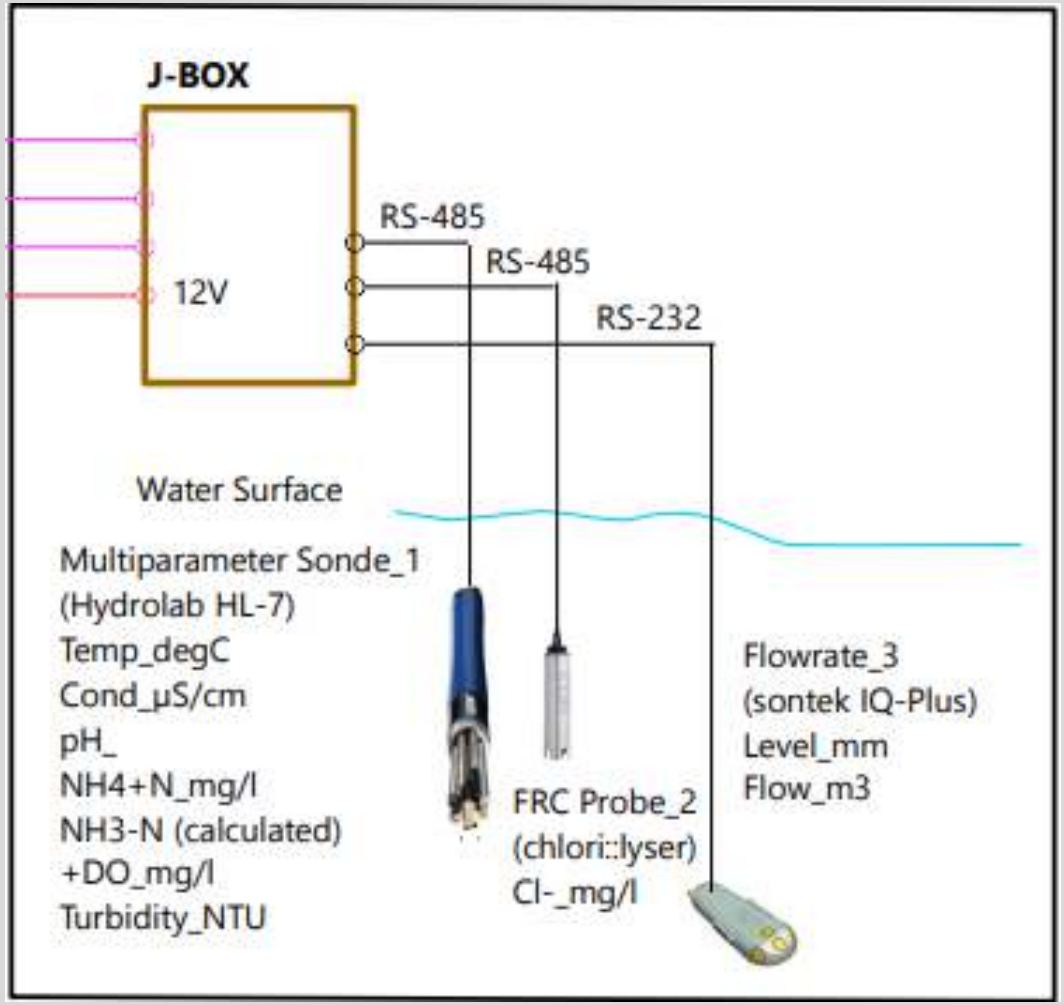
AWQMS Architecture

Sampling Point



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AWQMS Web Server

Real-time Data

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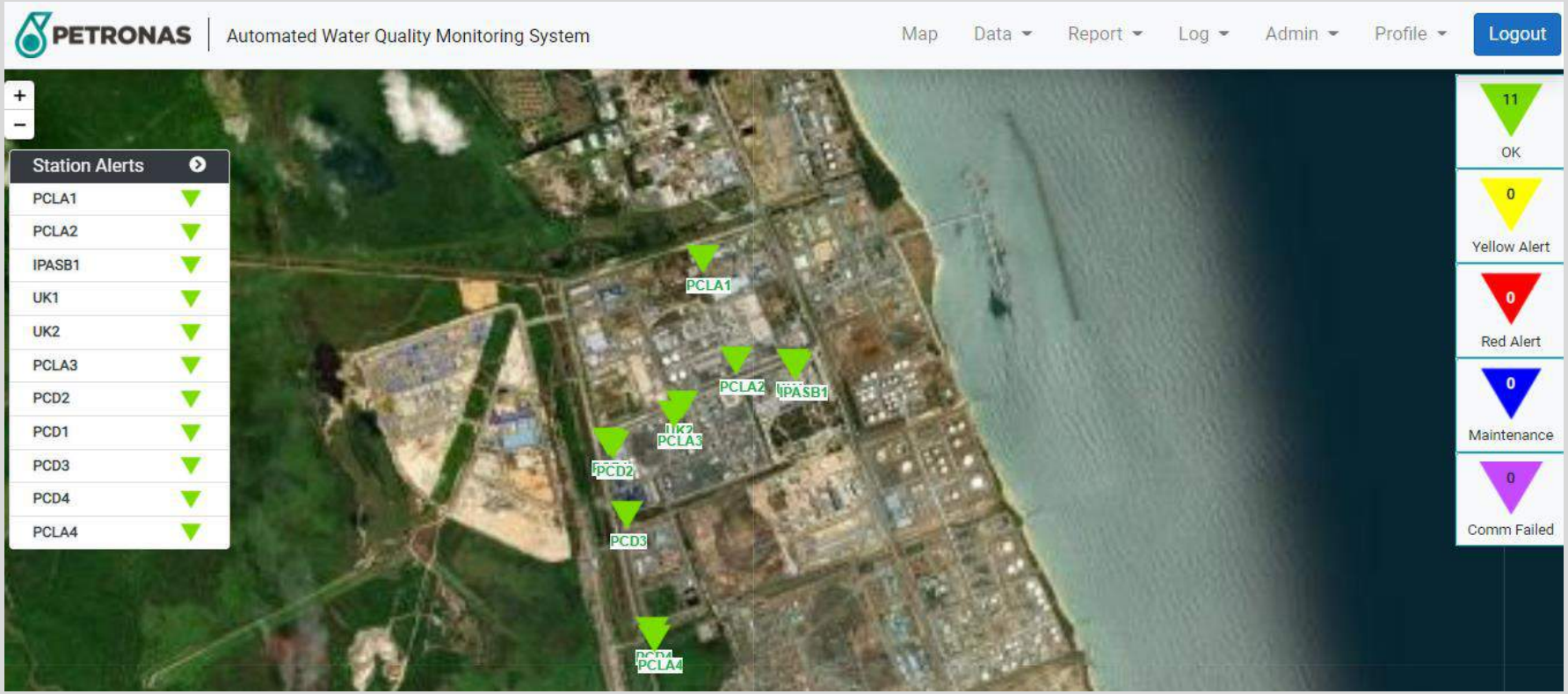
AWQMS Web Server

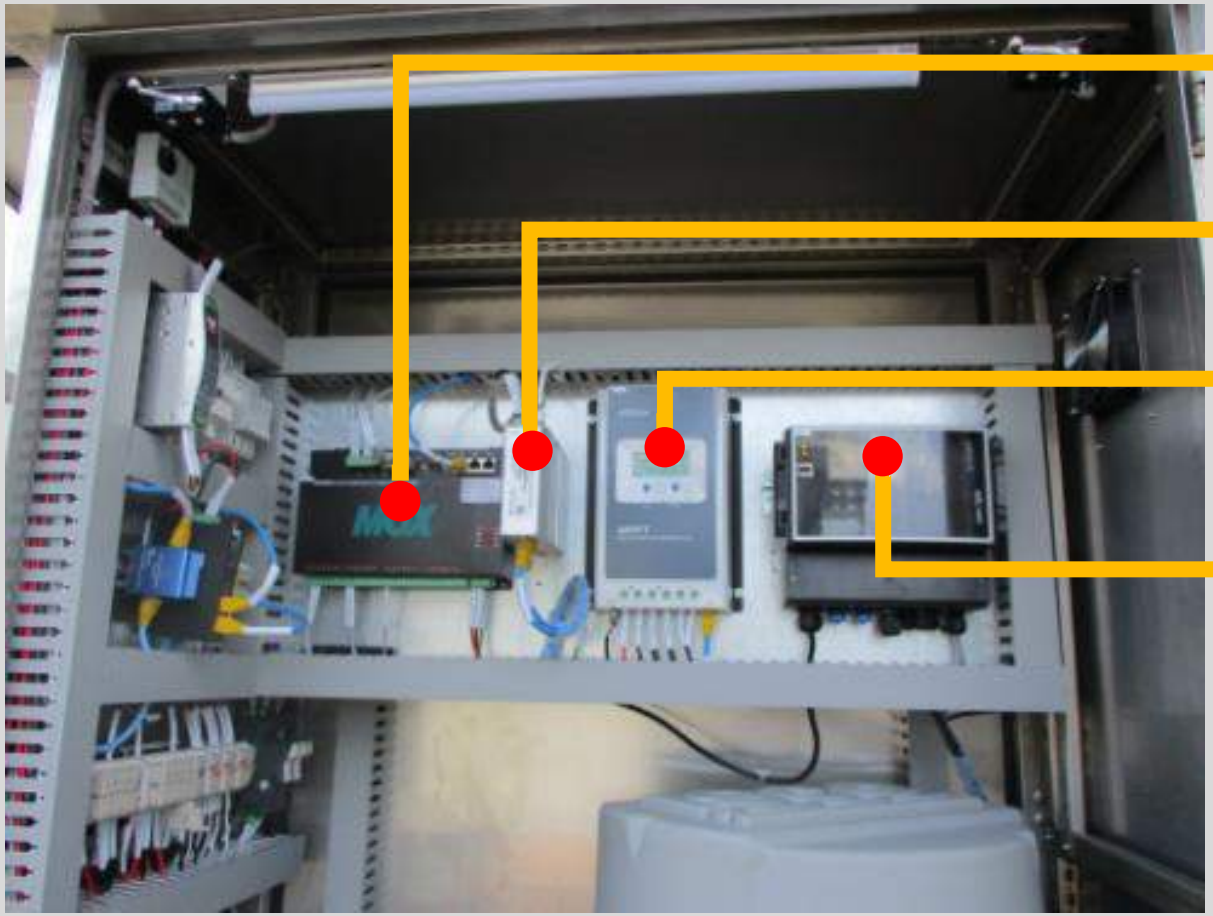
- Trigger Alert Red & Yellow Alert
- Raw Data
- Treated Data
- QAQC



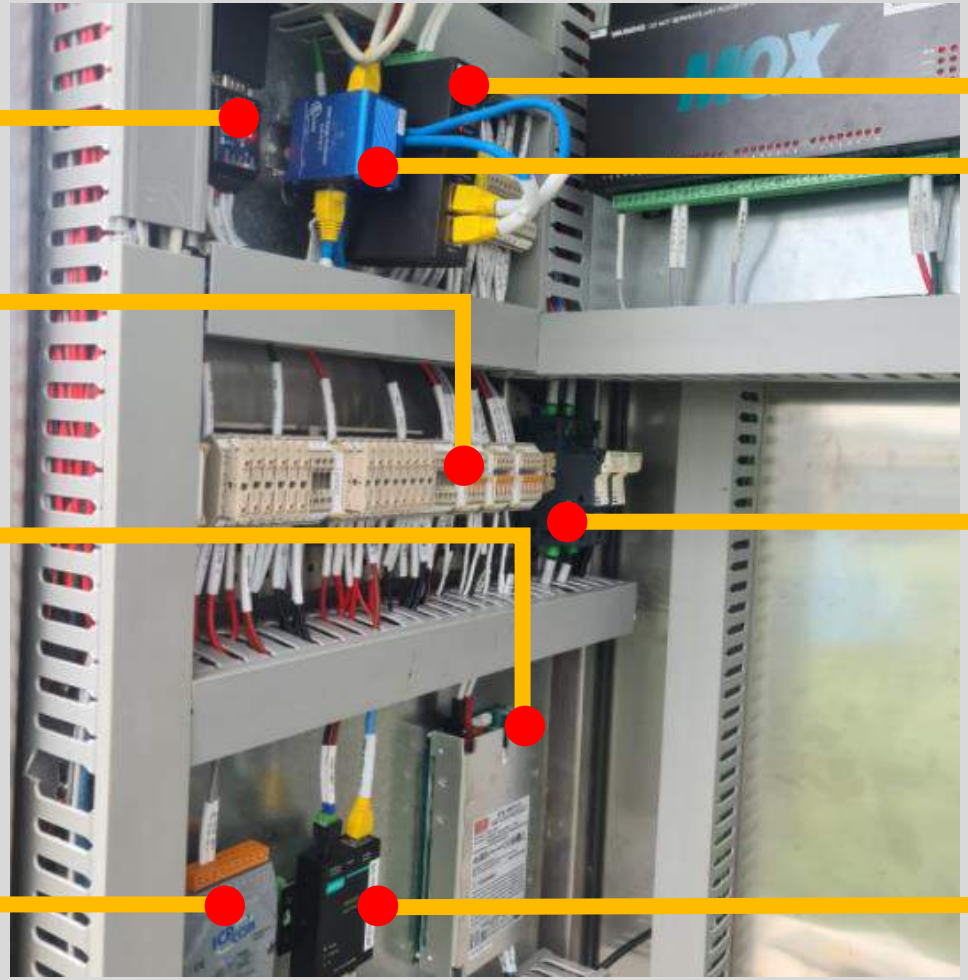
AWQMS Enclosure

- Dimension :1000mm x 2000mm x 600mm
- Material : Stainless Steel
- Solar Panel x 2 units - Q-cell solar panel

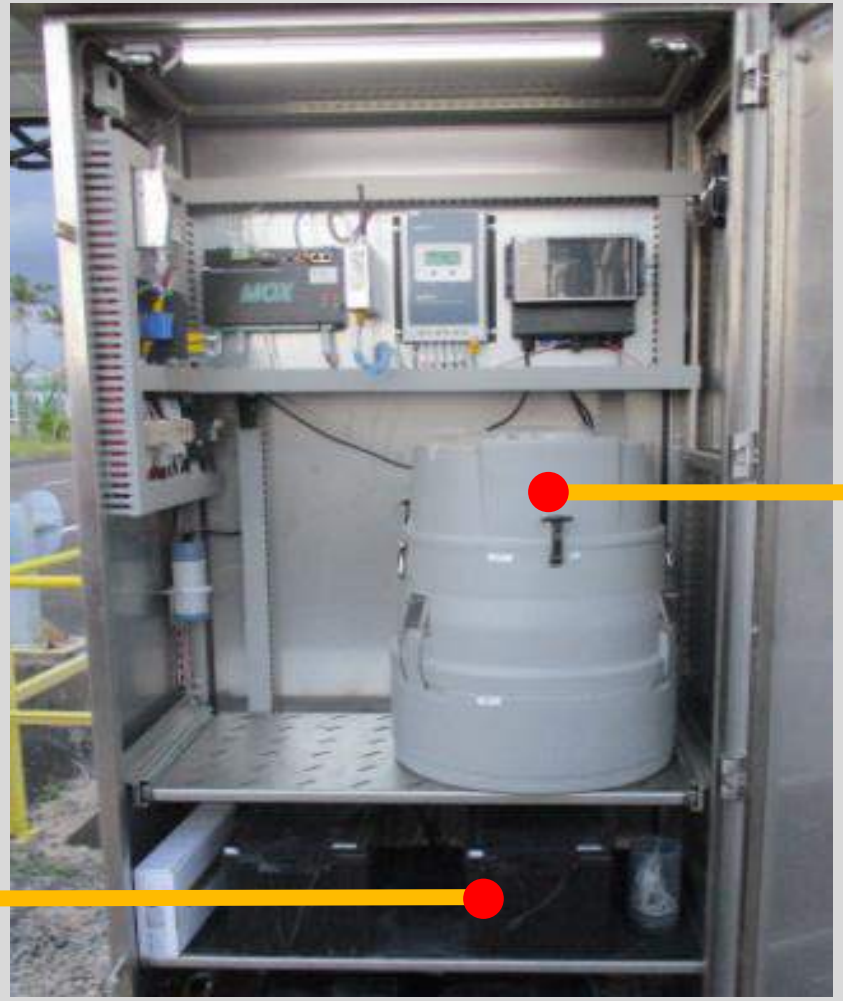
AWQMS System



AWQMS System



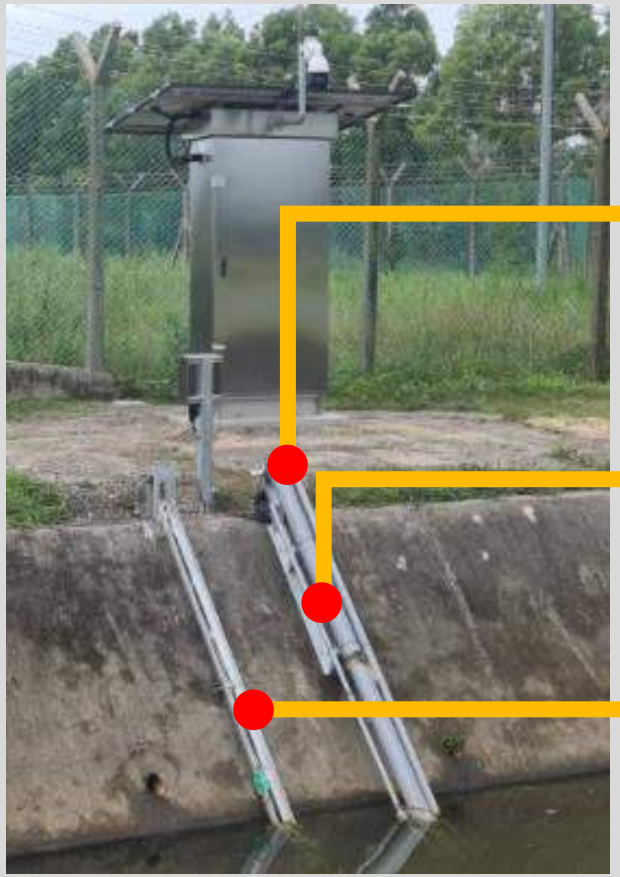
AWQMS System



Auto Sampler – 24 bottles x 1L

- Battery 200 AH x 4 units
- Battery remaining 30% - 40% after battery discharge test for 7 days

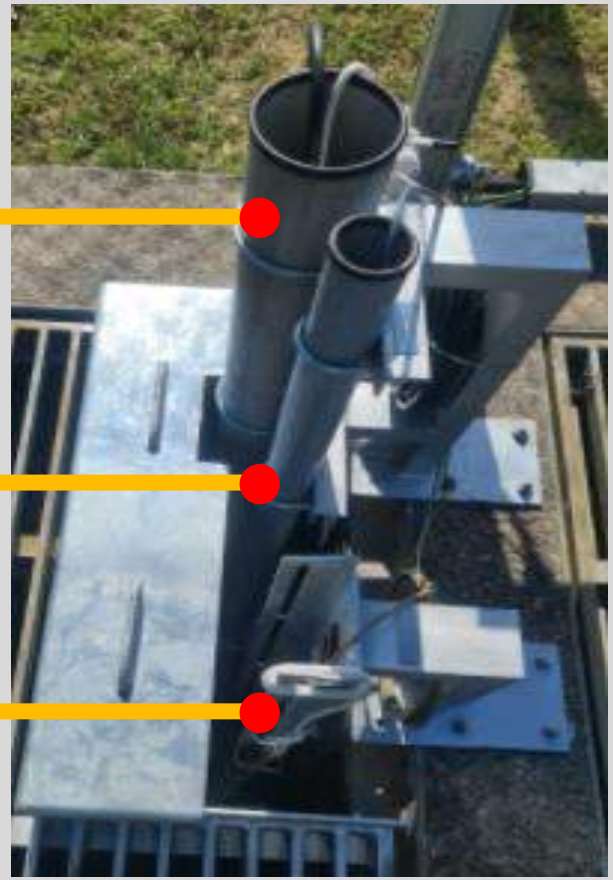
AWQMS Sensor Development



Multiparameter Sonde- HL7

s::can chlori::lyser- FR Chlorine

Sontek_Depth & Flow sensor



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AWQMS CCTV

1

Front Panel Mounted

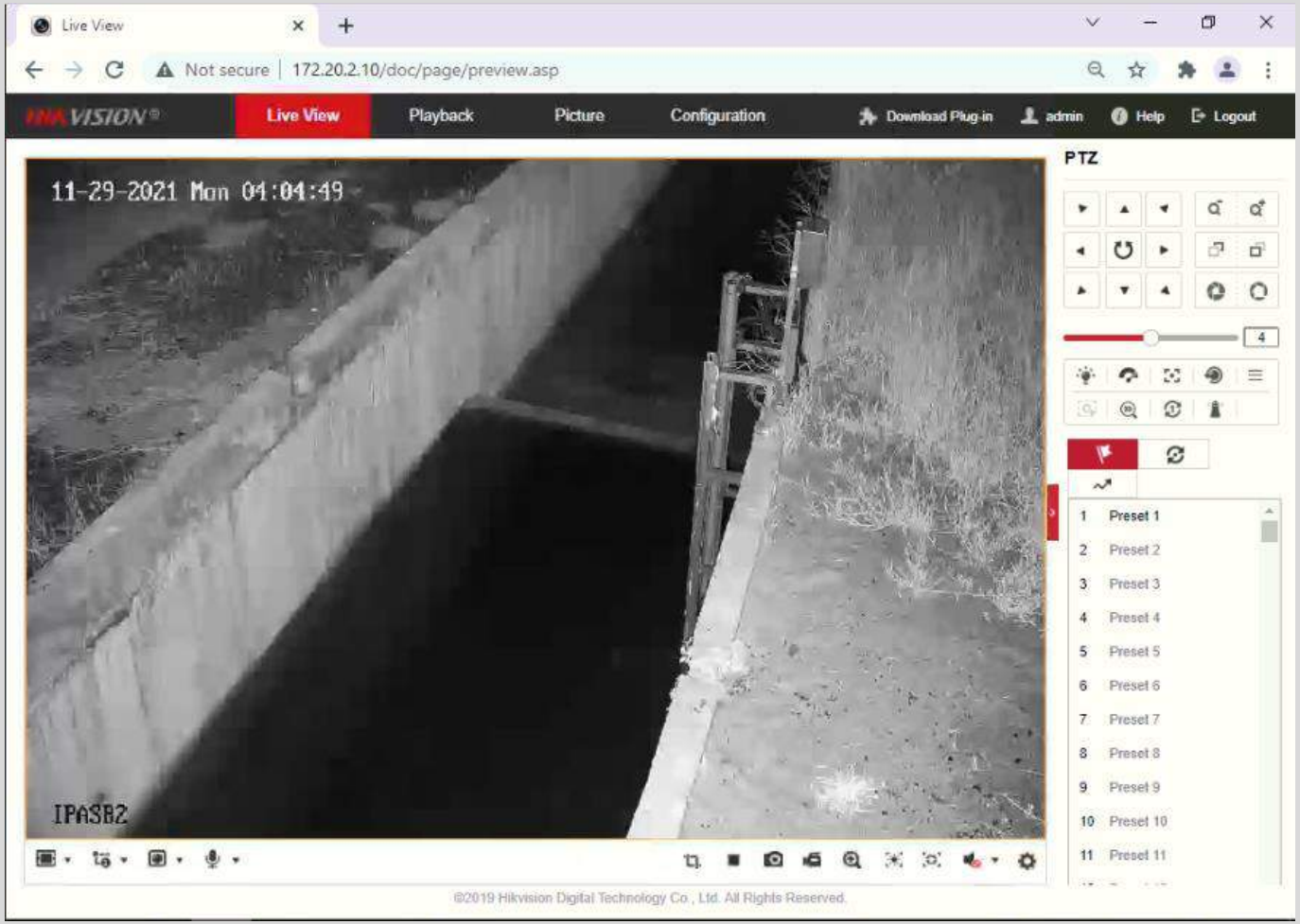
2

Back Panel Mounted

3

Pole Mounted

AWQMS CCTV



- ✓ Pan
- ✓ Tilt
- ✓ Zoom
- ✗ Motion Detection

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THANK YOU

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