



# Xinfeng Water Authority

Case Study

Real-time water outlet monitoring and workflow management



中清环境  
BHZQ · Environment



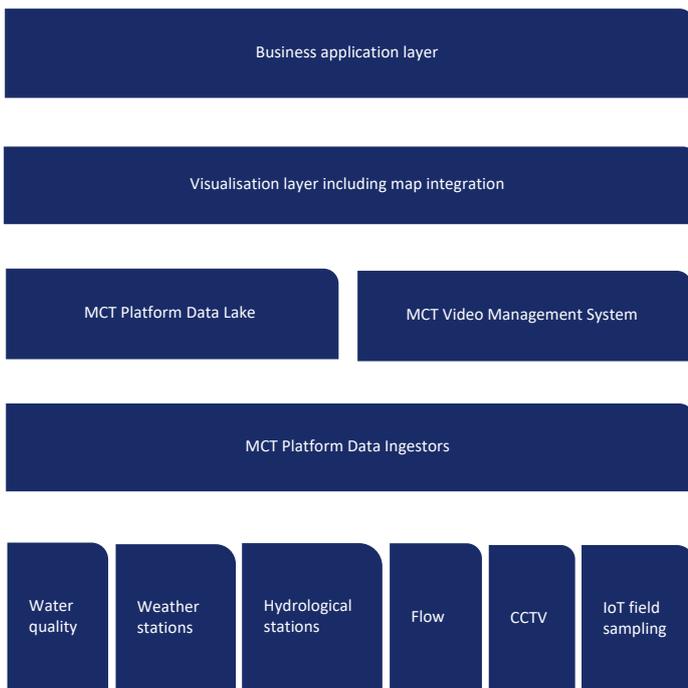
# Real-Time Outlet Monitoring And Workflow Management

Xinfeng Water Authority owns and manages the water utility infrastructure in the Xinfeng region, that includes a large network of water discharge points into the region’s main river system.



## The Brief

The network of water discharge points is spread across a large, and in places rugged, geographical area. Physical inspection is time consuming and intermittent, as such, issues are not immediately detected. With existing workflows, a field technician needs to inspect the outlet and return to the office to report and submit any maintenance requests. They then need to seek a work approval before going back to site to address the issue.



## Our Strategy

CT deployed its MeridianCT (MCT) IoT platform to monitor and manage a network of over 130 water outlets.

Starting by aggregating the client’s siloed operational systems data, which included, water quality stations, weather stations, hydrological stations, flow measurements, CCTV cameras and IoT field equipment data into the MeridianCT platform.

CT then created a customised dashboard with an integrated map visualisation layer.





Level 7, 420 Collins Street Melbourne  
Victoria 3000 Australia

Tel 1800 100 227  
Email [sales@ct1limited.com](mailto:sales@ct1limited.com)

[constellationtechnologies.com.au](http://constellationtechnologies.com.au)