The SMART Water Management Platform
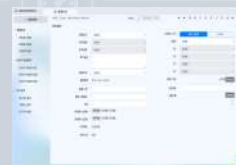
The SMART Water Management Platform integrates three major applications in the organization. While ensuring information security, it provides GIS graphic query based on the map management system. Combined with the information provision and APP application of the water fee operation management system, the middle application layer is mainly connected to the water supply monitoring system, which can be used for real-time monitoring and subsequent value-added applications. And then, the top layer is the decision-making layer, which performs time-series data analysis and supports decision-making.

The SMART water management platform is basis of the existing system, that is, this platform uses the data interface to integrate, analyze, and manage various parameter data provided by individual systems.In the future, through the development of various auxiliary analysis functions, decision makers and operators can accurately grasp the overall smart water issues and respond quickly; at the same time, the use of statistical management indicators and automated customized reports can also improve the efficiency of decision-making management and administrative operations.

S — System 系統架構
M — Map 地圖展示
A — Analyze 管網分析
R — Real-Time 即時回報
T — Training 水足跡追蹤

Smart water management：5 innovative applications

Revolution	Integration	Mobility	One-stop	Key point
new architecture	demand integration	spatial data	managed cases	dynamic management
smart pipe network	interface integration	runtime query	progress tracking	sorting of water supply system
3d spatial data	mutiple functions	case report	integrated dispatching	performance management

Smart water management and innovative solutions