

# Deliver a continuous supply of high quality and affordable drinking water from source to tap

## Water Supply & Distribution

Are you searching for innovative ways to reduce water losses?

Is the pressure mounting to comply with tough environmental regulations?

Are you becoming more and more concerned about water scarcity?

Population growth and climate change are putting significant pressure on the world's most precious resource. To continue to deliver a safe and reliable water supply, it's vital to properly maintain drinking water systems and operate them in a more energy efficient manner.



## Services & Solutions

By combining the power of digitisation with 55+ years of water modelling expertise, DHI can optimise your water supply and distribution system resulting in major cost savings and reduced downtime risk.

We begin by virtually representing your physical system through the creation of a Digital Twin to translate data to knowledge and more effectively guide planning, operational tasks and decision making. A Digital Twin can help verify system capacity, identify bottlenecks, analyse operations and visualise future "what-if" and "what-to-do-now" scenarios. This advanced technology can deliver answers on how to best protect your community's water supply for years to come.

- **Make better decisions about water infrastructure rehabilitation**
- **Improve the efficiency of your pipe network with non-revenue water reduction & leakage management**
- **Mitigate the impact of network outages and disruptions on your customers**
- **Optimise pressure & increase energy savings by modelling intermittent water supply problems**
- **Access your network wherever you are with real-time operational controls**
- **Ensure a safe drinking water supply through water safety planning & monitoring**

## Core technology

### MIKE+

Model your entire water distribution system to better understand network performance

### WaterNet Advisor

Access hydraulic conditions in your network with this advanced web-based application

### DIMS.CORE

Tap into a central data repository to build custom monitoring, reporting and real-time control solutions

### MIKE OPERATIONS

Optimise your water distribution system using this powerful online modelling framework



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