

The connected future has arrived

Transforming Australian water utilities with intelligent networks



Building the utility of tomorrow

The Internet of Things (IoT) presents one of the most important sources of opportunity for utilities. The transformation from today's traditional utility networks to a future that offers real-time visibility across their pipes and infrastructure can help exponentially streamline operations, improve the customer experience and enable faster decision making.

At Telstra, we offer a collaborative approach which leverages our world-class technology and unrivalled network performance, along with advanced security and deep analytics. You'll be able to achieve far-reaching operational efficiencies, and greatly enhance your business results.

What are the challenges facing utilities?

There can be many complex challenges across all areas of your business, from infrastructure through to your end-users.

 Ageing Assets Do you need to increase the life of ageing infrastructure, while having limited asset monitoring and insight abilities?	 Public Image Does providing a non-renewable resource mean your government entity is subject to public scrutiny?	 Environmental Requirements When providing precious water resources, are you addressing the pressures of climate change and population growth?
 Limited Resources Under increasing pressure to deliver more with less?	 Non-Revenue Water Are you looking for ways to minimise loss of water revenue due to leaks, bursts and theft?	
 New Customer Behaviours Noticed how your customers are changing their usage behaviours, interaction preferences and service level expectations?	 Operational Health and Safety (OHS) Trying to cope with intensifying health and safety requirements?	

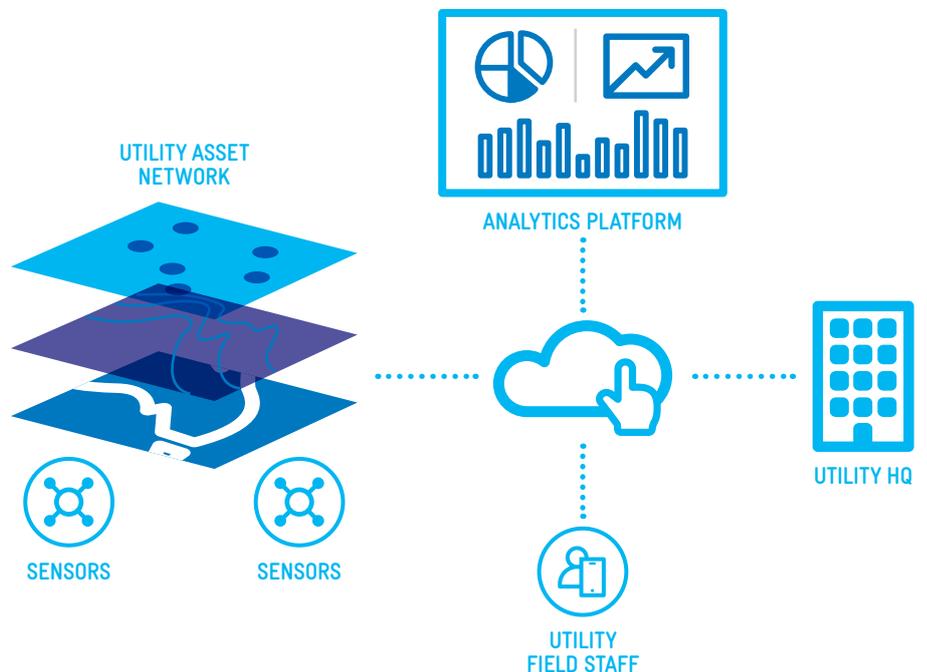
Transforming these challenges into smart solutions

In today's era of fast-paced change, the biggest risk is to sit idle. Innovation can make fundamental enhancements to your business processes which in turn will deliver invaluable results.

Telstra's Intelligent Water Management (IWM) - a cost effective managed solution

Our Intelligent Water Management (IWM) solution provides maximum transparency across your water and waste networks. A range of intelligent sensors can easily be deployed, enabling near-real time monitoring of flow, pressure, water quality and leak detection securely over the Telstra network. Your engineers will need to spend less time checking the network and issues can be resolved much more quickly and effectively.

The solution combines the strengths of our communication and cloud platforms with leading vendor technology and industry expertise. IWM is delivered as an end-to-end managed service tailored to your needs, with the simplicity of one fully packaged solution.



With Telstra's Intelligent Water Management, you'll get the benefits of:



OPTIMISED ASSET MANAGEMENT

- Reduce water losses and minimise community disruptions through detection and alerting of incidents such as leaks, blockages or bursts.
- Enhance confidence in your water supply via efficient water quality assessment analysing pH, temperature, and chlorine sensors
- Increase asset life by maintaining optimum pressure ensuring minimal pipe strain and reducing unplanned repairs.



END-TO-END SOLUTION

- All services are consolidated to eliminate multiple vendor management and reduce complexity.
- Facilitates water management process from device supply, connectivity, storage, analytics and dashboards.
- Added value through security, fault detection and designated service desks.



MODERNISED WATER NETWORK

- Increase operational efficiencies through integrated network monitoring and management.
- Gain greater business intelligence through near real time data with analytics for accurate forecasting and service enhancement.
- Future-proof your systems via the IoT platform - easily improve functionality and benefit from evolving insights and service scalability.

A new era of innovation with Digital Metering

Digital Water Meters will play a critical role in water demand, improving the customer experience and reducing cost to serve.

Telstra is already working with a number of partners to provide Digital Metering technology. We understand how this new technology will present strategic, operational and technical opportunities across all levels of your organisation. Our expertise can help you deal with the technical and operational aspects that will impact all levels of your organisation and customers, starting from early pilot trials through to full commercial rollout.



Advanced connectivity delivers multiple benefits



Make faster decisions

Collaborate easily and reduce travel costs with video links to partners, managers, engineers, mechanics, sales teams and more.



Plan more effectively

Easily identify waste and inefficiencies. Find opportunities to innovate with our powerful cloud-based Enterprise Resource Management solutions.



Achieve improved mobility

Your staff can perform admin functions away from their desks, thanks to mobile solutions including email and specialised apps.



Deploy smarter monitoring

Remotely monitor your network resources and assets. Get prompt alerts for preventative maintenance. Gather insights with advanced Analytics.



Gain better business insights

You can easily analyse your data, including unstructured 'big' data stored in Telstra cloud, and leverage deep insights.



Improve management of your field workforce

Streamline your maintenance schedules with our mobile workforce management solutions.



Increase safety and security

Help ensure driver safety by keeping track of locations in near real-time. Centrally monitor your facilities with IP surveillance.



Deepen your customer relationships

Contact centre staff can offer personalised service with customer usage profiles. Customers can track usage on mobile devices.



Manage demand of resources

Your customers can receive automated SMS updates on consumption, with prompts for off-peak usage.

Telstra IoT solutions to meet your challenges

Our vast experience in delivering complex ICT solutions brings together Telstra's expertise with our best of breed industry partners to deliver real business value. Our continued focus is to help you understand and adopt IoT technology to enable your business to improve, grow and thrive.

Why Telstra?

- Telstra offers water utilities a complete end-to-end utility managed service via one centralised channel.
- Our ability to deliver innovative end-to-end IoT solutions.
- Delivered over Australia's largest mobile network, with hosting in our secure cloud environment.
- Our trusted position as a strategic business solution provider, with access to our extensive partner eco-system.

For more information

 [contact your Account Executive](#)

 telstra.com.au/business-enterprise/industries/utilities

