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**ACCENTURE  
WATER  
ANALYTICS - THE  
WATER  
PRODUCTION**

## Video transcript

### August 2015

It's a hot spring and demand for water is increasing.

But the reservoir is covered in algae so water can't be drawn from it.

Demand from the local zones could soon outstrip supply. How can we stop the taps running dry? In the integrated Control Centre the controller monitors the output of each site in the network using the live Water Production planning App.

He checks that sites are delivering the required performance against the agreed production plan. However, the Controller soon realizes that one site is producing less than the amount agreed in the plan.

A geospatial overview of the area lets him immediately see the status of the water network and plant, meaning that he's instantly aware of any network issues, based on data feeds analyzed in real time.

The red flag on the screen indicates that a water quality indicator has been raised on the plant. The controller clicks on it to understand the issue.

He contacts the production manager to discuss the magnitude of production capacity loss. The Controller then returns to the Production Planning App and manually reduces availability of the affected site to reflect the new reality.

The optimization engine identifies the water treatment works that can best meet the local demand at the lowest cost, while maintaining an acceptable head room.

He updates the plan and releases it for all the site managers to see -

Everyone across the production line has instant access to understand what the new production target means in term of compliance and business performance.

The Head of Water Production then reviews the Water Production Performance Dashboard. It's clear that a site has missed its performance target, so he initiates informed discussions with the operators, and the maintenance and capital teams to understand the root cause of the failure and the proactive maintenance actions needed. These discussions are based on a clear understanding of the bottom line and head room impact of the failure.

Success! The issue has been solved - quickly, sustainably and with absolutely no disruption to the customer.

None of this is science fiction. Everything you've seen is possible today.

Accenture Water Analytics combines the power of cloud computing, big data and analytics and leading edge business change techniques to unlock the huge potential of *existing* investment within the installed base of instrumentation, SCADA and telemetry.

How can you make *your* network future-proof?

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