



Building an action plan for smart water management

Digital Realty, a leading global provider of data center, co-location and interconnection solutions, was on a mission to improve its water strategy, minimize overall water use, ensure reliable performance and protect its operations from water-related risk.



DIGITAL REALTY WANTED TO:

- Understand how much water was being used, and where, in its data centers
- Increase water resiliency and redundancy to better respond to growing water quantity and quality issues
- Improve monitoring and measurement through digital tools

Partnering with Ecolab, they developed a three-step action plan:

STEP 1:

Prioritize at-risk facilities that required immediate action, using the Ecolab Water Risk Monetizer

RESULT:

The team developed a prioritized matrix that organized sites and helped them identify sites with the greatest operational water-related risk.

STEP 2:

Evaluate water use practices at every site using the Ecolab Smart Water Navigator

RESULT:

The tool helped the team focus on specific steps that local teams could take to improve water use and efficiency, tailored to each of their sites.

STEP 3:

Use Nalco Water's 3D TRASAR™ Technology to provide water strategy effectiveness

RESULT:

Nalco Water's 3D TRASAR™ dashboards provided enterprise-wide visibility, measurement and monitoring of water use, helping the team track, trend and compare water use across all data centers and quantify savings from water projects.

With Ecolab's water management tools and a plan for action, Digital Realty now has a more effective strategy to manage water at its data centers, a greater understanding of water in its organization and the ability to improve and protect its operations, watersheds and communities.



Developed by Ecolab in partnership with Trucost and Microsoft, the Water Risk Monetizer helps businesses understand water-related risks and quantify them in financial terms to inform responsible decisions that enable growth.

waterriskmonetizer.com



Ecolab's Smart Water Navigator is a publicly available tool that generates an actionable step-by-step guide for each facility, tailored by industry, location and current water performance.

smartwaternavigator.com