

ARCADIS gen

AppliedInsight

Water Above Ground Optimizer

FROM DATA
TO INSIGHT

Water Above Ground Optimizer

RAPIDLY

Get started today - contact hello@arcadisgen.com to book your WAGO demo



From data to insights. Fast.

Take the complexity out of optimizing your above ground water and wastewater assets. Predict and optimize current and future risks to go from complexity to clarity, uncertainty to opportunity, data to insights. In a single app.

Water Above Ground Optimizer (WAGO) was developed specifically for the water industry to provide affordable, advanced analytics. It has been designed to help you maximize the value of your capital investment budgets through optimization of above ground assets such as treatment works and pumping stations. This allows you to generate cost and service efficiencies of up to 20% compared to traditional methods.

WAGO is a web-based app intended to help you quickly predict, optimize and visualize the current and future risk of above ground water and wastewater assets, helping you go from data to insight, quickly.

WAGO imports hierarchical above ground asset information to allow for predictive analytics and optimization of investment decisions. With an easy to use visual interface, WAGO guides you through the asset planning process. It lets you rapidly create and set what-if scenarios to gain insights such as in understanding the implications of budget constraints or finding the most cost beneficial investments to achieve your business goals.

With WAGO, you get over 130 years of engineering experience and industry-leading risk and optimization methodologies in a single app. So you know you're investing in the right asset, at the right time, with the right intervention.

We've designed WAGO with you in mind – it's intuitive, simple to use, and easy to understand so you get the high value asset insights you need, fast, even without a team of data scientists.

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Predict and optimize future risk

Easy to use

Get set up quickly with no training required, on a safe and secure cloud-based app, for immediate business insights.

Expertise at your fingertips

Intuitive and understandable, get high value asset insights without a team of data scientists. Rapidly go from data, to insights.

Plan with confidence

Get the insights you need to make robust, data-driven investment decisions. Balance corporate risk and investment performance with insights you can trust.

Manage all your over ground assets

WAGO can be used for both water and wastewater assets. Manage both asset classes to ensure a common risk methodology across your organization for better performance.

Outcomes you can trust

Advanced analytics at your fingertips. Benefit from two decades of advanced optimization experience in the water sector so you know your asset investment planning is in safe hands.

Affordability

Discover enterprise-proven results, in an affordable, bite-sized package. Advanced data solutions for every size of organization.

Fast results

Quickly visualize and identify high risk above ground assets that are most likely to fail. Make investment decisions that will lead to financial and operational success.

You're in control

Unique data mapping to ensure quality data inputs. You can quickly run and rerun predictions now and in the future with easy to understand visualization and reports.

Cost efficiency

Have confidence that you're making the right decisions for your business, with typical efficiency savings of 20% so you can maximize the value of your capital investment budgets.

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From uncertainty to opportunity

Predict above ground water asset failure or breakage

Run and rerun optimizations in an easy to use app with highly visual reporting using your latest data.

Understand above ground water asset performance

Understand asset performance like treatment works and pumping stations now and in the future, for better budget planning.

Compatible with other apps

Bundle asset investment decisions into a set of projects, which can then be uploaded to Gen's Water Visual Optimizer (WVO) app for deeper insights.



Built with auditability in mind

WAGO is built on years of experience working in the highly regulated water industry across the globe, so you can track outputs back to source data for insights you can trust.

Better data visualization

Easily visualize outcomes, based on your data, making it easy to decide your next course of action.

Safe and secure

Full audit control in a data safe environment, so you can track results back to the data source for peace of mind.

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Next generation software underpinned by a century of asset expertise

Gen is the global digital business from leading design and consultancy Arcadis. We're on a mission to create next generation digital products that transform our industry and help organizations of every shape and size unleash the power of their data. We bring a unique blend of deep asset knowledge, industry expertise and advanced analytics to help our customers generate what's next.

Find out more at

Take advantage of advanced analytics to set the foundations for cost efficiencies of c.20%

Maximize the value of your capital investment budgets

Get started today

Water Above Ground Optimizer is a secure web-based application that can be accessed through most web browsers, with no additional requirements from your technical team. Each user will require their own log-in credentials.

WAGO requires a single data file with a number data attributes, including asset ID, asset name, asset type and year of service for example. Once the data is loaded into the app, it gets optimized, and the calculation is visualized to inform future asset investment budgeting and planning. If you need additional support getting set up, please reach out to us.

WAGO has an affordable pricing model that lets you achieve up to 20% cost and service efficiency on your asset investment plans compared to traditional methods. Please contact us for more information.

Book a demo today

To find out more about how WAGO can help your business and to see the tool in action contact us at hello@arcadisgen.com

Find out more at

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