

InSight*

Asset Performance Management

InSight By The Numbers

~50,000

Assets Under
Management



~5,000

Customer Sites
Connected



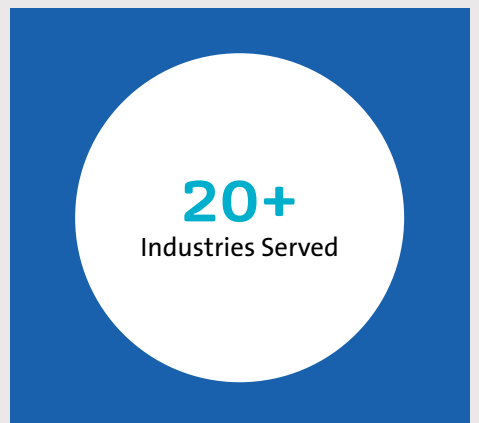
75+

Countries Served



20+

Industries Served



The future of water treatment is digital

Alerting issues in real-time. Detecting technical problems before they occur. Visualizing the performance of equipment on a worldwide scale. Remotely optimizing the operation of plants...

Digital technology can help increase the performance and productivity of water treatment facilities. This is the promise made by the Industrial Internet of Things and the mission of InSight, an Asset Performance Management (APM) solution developed by Veolia.

InSight connects key plant assets - like tanks, boilers, cooling towers, and more - into a single digital environment that can be accessed by operators anywhere in the world, at any time. By aggregating and analyzing the thousands of complex data points from throughout an operation, InSight provides users with greater visibility and transparency at a plant level, or across the entire enterprise.

But it doesn't stop there. Enabled by InSight, plants can take their data to the next level by making process changes that optimize asset performance and longevity, boost productivity, lower operating costs, and save water and energy. It's more than just a tool - it's real-life transformation. Welcome to the future of water treatment.

Adding innovation and value around the world

Only Veolia can combine 160 years of water management expertise with one of the largest chemical and equipment portfolios, all backed by cutting-edge digital technologies aimed at solving the world's greatest water and process challenges.



Key Features

InSight's cloud-based environment offers the highest possible levels of reliability and speed, so key features are available whenever and wherever you need them:



Dashboard:

Create customized dashboards for improved visualization of the overall health and performance of operations and assets



Analytics:

Leverage customized analytics to help achieve greater system efficiency, reduce operating costs and maximize production



Fleet View:

Gain near real-time visibility of performance at a plant and asset level, or across the entire enterprise



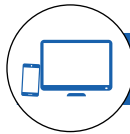
Service Management:

Receive alarms on critical KPIs and track service history and audit trail



KPI Trending & Correlation:

Track asset performance and proactively identify opportunities for intervention and optimization



File Management:

Centrally share and store critical datafiles and easily share them across the organization



Reporting:

Generate automated reports at the site or fleet level for proactive asset management and improved compliance



Inventory Management:

Actively monitor consumption and delivery, and automate reordering and replenishment



Data Entry:

Quickly and easily import and export key operating data for assets within your account



Benefits

Digital tools like InSight can be a powerful differentiator in today's complex environment.

InSight can help:

- **Prevent unplanned downtime** by detecting emerging problems and enabling proactive operator response
- **Increase asset reliability** by providing greater visibility into Key Performance Indicators and their trends over time
- **Extend asset life** by facilitating data analysis to help operators optimize cleaning and maintenance schedules and predict remaining useful life
- **Optimize operations** by uncovering opportunities to improve processes, simplify reporting, cut costs or decrease energy, chemical or water usage

Making a difference across industries worldwide



Food & Beverage
(United States)

Improves efficiency and optimizes operations

Veolia added InSight and Process Consulting Service to the existing RO system to help monitor operations, troubleshoot issues, improve efficiency, and enhance the system's operation.

Using InSight's monitoring and trending capabilities, the process analyst implemented a program to optimize the RO cleaning schedule, which saves the plant ~3.5 million gallons of water annually.



Transportation
(The Netherlands)

Increases reliability of cooling and autoclave system

InSight was installed on the customer's aging cooling and autoclave system to help them monitor performance, respond more quickly to breakdowns, and optimize efficiency. Tank monitoring and SAP integration were also added to automate inventory control.

As a result, the customer has been able to identify and eliminate empty product tanks, increasing operational efficiency. Following a valve break, an alarm sent by InSight helped prevent further system damage.



Oil & Gas
(Middle East)

Increases operational efficiency and enhances heavy oil recovery

After installing InSight at one of its remote sites, the customer was able to simplify and standardize reporting structures; identify cost reduction opportunities and troubleshoot problems more efficiently using operational data.

Process improvements enabled by InSight have ensured less downtime, enabling more water treatment, more steam generation, and ultimately, more oil production.

Resourcing the world

Veolia Water Technologies

Please contact us via:

www.veoliawatertechnologies.com