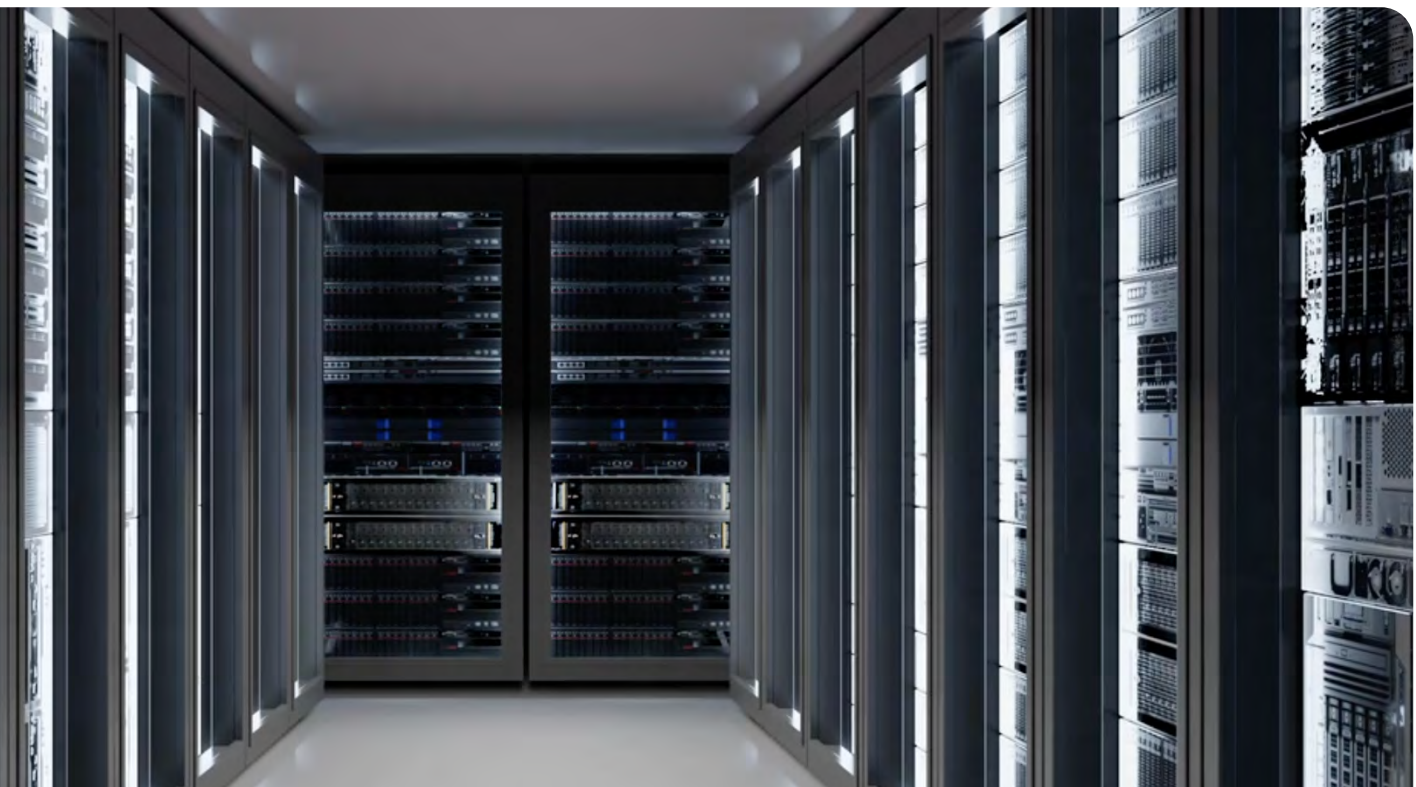


# Sustainable & Circular Cooling Water Treatment

GOgen® green oxidant generator for safe and effective protection of the cooling water system. Clean cooling. Maximum uptime.



Effective Water Treatment



Sustainable



Autonomous & Safe



## Conquer Biofilm and Bacteria Without Chemicals

Biofilm and bacteria are the silent enemies of your data center cooling system. They reduce efficiency, increase maintenance, and create costly downtime. GOgen®'s advanced electrochemical process generates green peroxide on-site, providing continuous, effective protection against biofilm and bacteria.



## Embrace Sustainability and Compliance

GOgen® eliminates the need for harmful chemicals, ensuring water quality while minimizing environmental impact, making it the sustainable choice for water treatment.



### Effective

Proven biofilm control: GOgen® delivers powerful and reliable performance in controlling biofilm.



### Chemical Input-free

GOgen® operates with just water and power. No need for chemical inputs, storage or handling and a secured oxidant supply.



### Safe

An intrinsically safe process without chemical inputs and outputting a safe concentration enhances occupational safety.



### Sustainable

Breaks down to water and oxygen after use, leaving no unwanted disinfection byproducts behind.

## GOgen® Green Oxidant Generator

Using only water and oxygen as inputs, GOgen® produces pure, safe-concentration hydrogen peroxide, which breaks back down to pure water and oxygen following use.

## Autonomous, Safe, and Secure

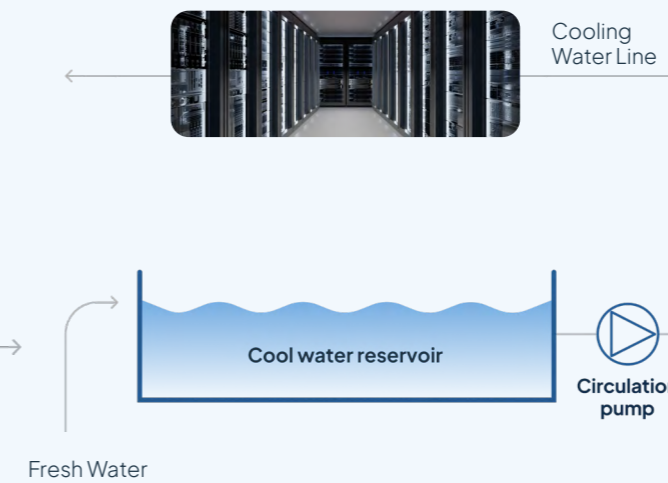
GOgen® operates independently, requiring minimal maintenance. Its safe and reliable design ensures uninterrupted cooling system performance, maximizing system uptime and productivity.

### Inputs



It starts with water, It ends with water

### Output and Line Feed



### Plug-and-play Simplicity:

GOgen® operates autonomously, ensuring continuous water treatment without compromising safety.

**Regulatory Compliance:** No disinfection byproducts facilitates smooth site permitting and adherence to regulatory standards.

**Material-friendly:** GOgen® is fully compatible with plastics and stainless steel, offering corrosion-free protection for your water system.

# GOgen® : A Proven Solution for Data Center Water Treatment

GOgen® has emerged as a proven and reliable solution for data center water treatment. With a growing number of successful implementations, it has demonstrated its ability to effectively address the unique challenges of critical infrastructure.

By generating green peroxide onsite, GOgen® offers a sustainable, efficient, and safe alternative to traditional chemical-based treatments. This technology has been validated through rigorous testing and real-world applications, showcasing its capacity to enhance water quality, reduce operational costs, and minimize environmental impact.



## **Sustainable, Circular Data Center Water Treatment: No Chemicals Needed**

HPNow's GOgen® technology offers a sustainable and safe alternative to traditional data center water treatment methods.

By generating hydrogen peroxide on-site, it eliminates the need for chemicals, reduces environmental impact, and improves operational efficiency.



## **GOgen® Provides a Safe, Sustainable and Chemical-free Cooling Tower Water Treatment Solution for Pharmaceutical Company Nipro, with BWT France**

Nipro has successfully implemented a sustainable and chemical-free cooling tower water treatment solution at its Aumale, France facility. The BWT ECO-UV+ by HPNow system, featuring the innovative GOgen® technology, generates green oxidant on-site, eliminating the need for traditional chemical treatments and providing significant environmental and operational benefits.



**Learn More in Our Knowledge Centre**

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