

An aerial photograph of the ocean with white-capped waves. A large, semi-transparent, light blue stylized letter 'P' is centered in the image. The text 'Pure Performance' is overlaid in white, sans-serif font across the middle of the 'P'.

Pure Performance

ATLANTIUM



Pure Results

Benefit from more treated water at higher ROI. By incorporating our proven technology in your water treatment processes, you can utilize fewer chemicals, spare parts, and energy, significantly reducing operational costs. Simply, you obtain pure results.



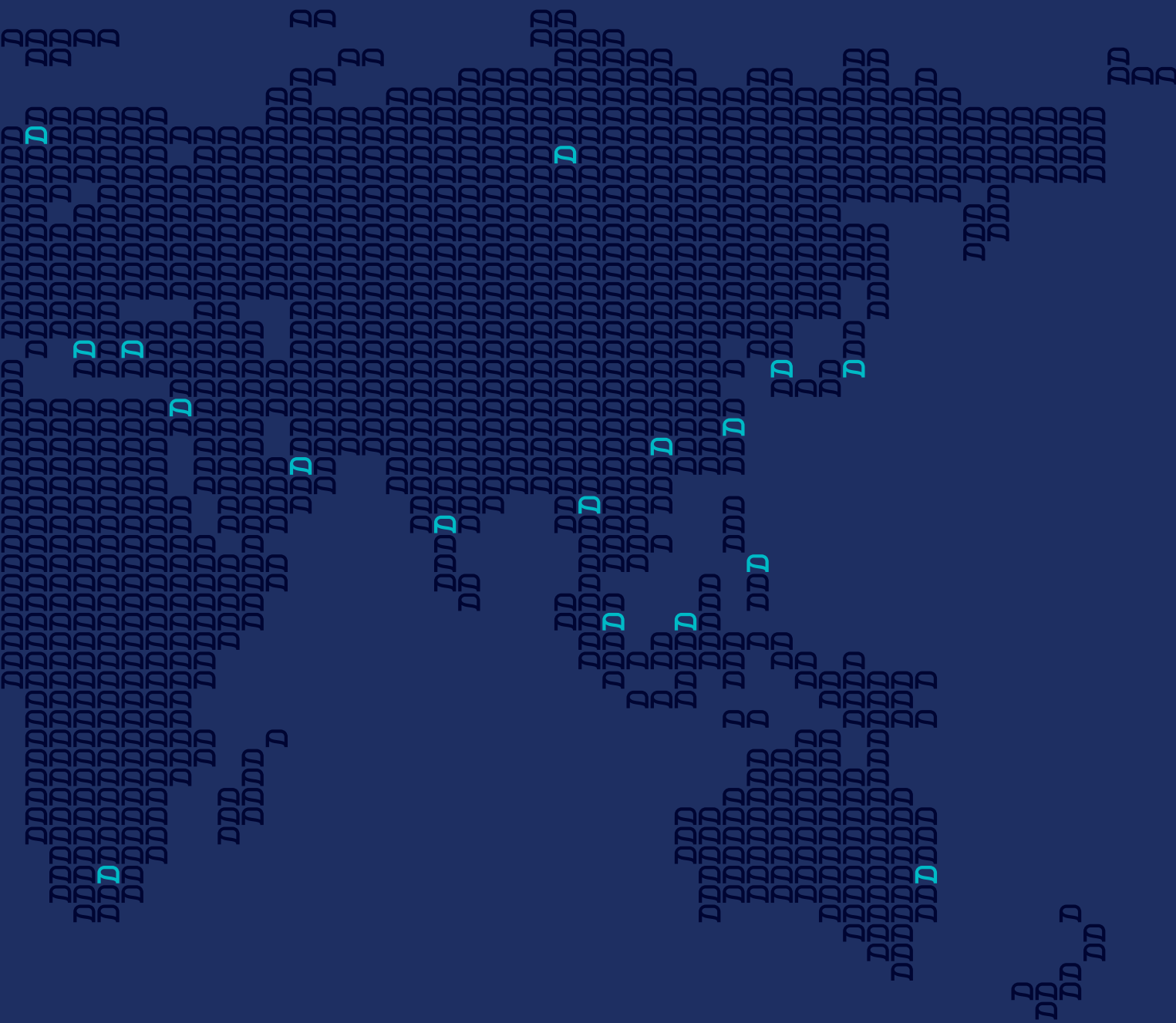
Clear Confidence

With HOD UV, you can rely on water that's always fit for purpose, passing every test. With our HOD UV technology, you can consistently enjoy continuous validated results and the water quality you need, providing you with clear confidence day after day, year after year.



Full Flow

Enjoy ongoing stable and dependable production, with minimal maintenance, backed by expert service & support. Achieve uncompromising, efficient performance that meets your expectations, enabling your production processes to maintain full flow.



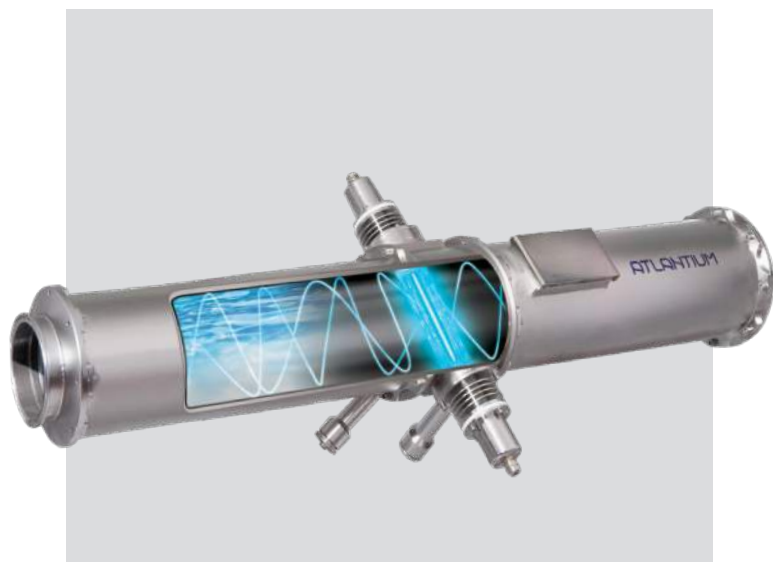
Global Service & Support

Atlantium HOD UV systems are globally supported and spare parts are readily available 24/7.



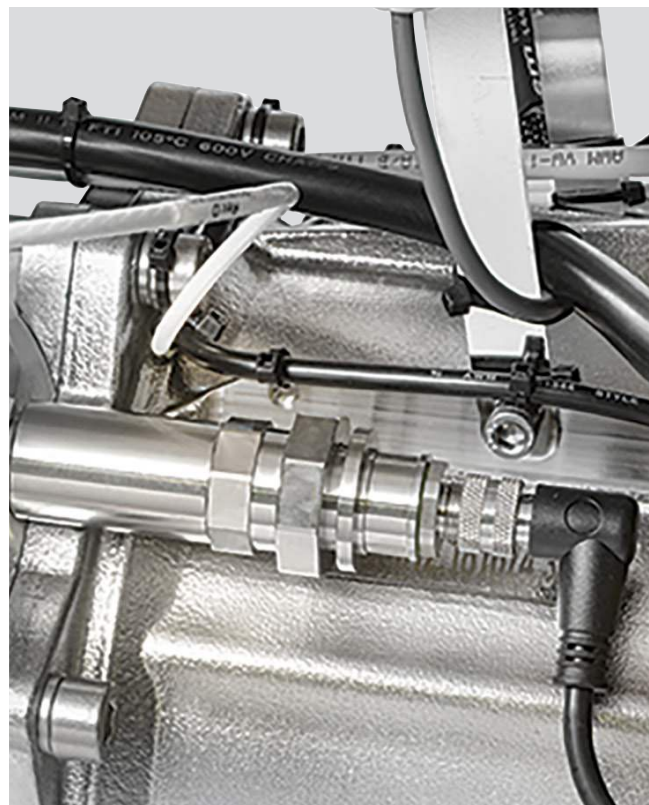
Proven Track Record

For more than two decades, Atlantium Technologies has helped to ensure water safety with its innovative HOD™ (Hydro-Optic Disinfection) UV technology and novel approach to performance, monitoring, and control. Atlantium's superior, environmentally friendly water treatment solutions ensure stable, efficient, and dependable production. With thousands of full-scale installations for leading brands in various industries globally, we're committed to consistently meeting our customers' water quality needs, ensuring pure results.



Real-Time Lamp Performance Monitoring

- Dedicated UV sensor for each HOD UV lamp (unique to HOD UV technology)
- Continuously monitors HOD UV lamp output
- Ensures delivery of required UV dose at all times



Enhanced HOD™ (Hydro-Optic Disinfection) UV Efficiency

- The HOD UV system features unique Total Internal Reflection (TIR) technology that recycles UV light energy, ensures homogenous UV dose distribution, and provides superior power (kW) efficiency compared to traditional UV.
- Medium-pressure high-intensity UV lamps provide a broad germicidal spectrum of polychromatic UV light (200-415 nm), enable fewer UV lamps per system
- Lamps are protected by a quartz sleeve 5 times thicker than conventional quartz sleeves
- Quick and easy lamp replacement; does not require emptying of the water lines



Real-Time Water Quality Monitoring

- Integrated UV transmittance (UVT) sensor on each HOD UV system
- Continuously monitors UVT%
- Optimizes system performance for actual, not estimated, UVT% levels

Advanced Control System

- Continuously displays UVT, flow, power, and UV dose
- Provides real-time data on operation and efficacy
- Features built-in data logging, up to six months
- Easy integration with the control SCADA system
- Customized with user settings for alarm signals
- Features user-based management with a smart authentication system



We Work from the Future Backward

Atlantium leverages its technology to tailor superior water treatment solutions that consistently perform to your changing needs. Share your required results and we'll tailor your solution accordingly.

Globally Trusted | 5,000+ Installations

Atlantium works alongside numerous tier-one companies across the aquaculture, food & beverage, biopharma, general industry, hydro, municipal, and power markets thanks to HOD UV's unique operational advantages.



Proprietary HOD UV Technology with 60+ Patents



Accredited and Validated to the Highest Regulatory Standards EPA, FDA, NVI, PMO

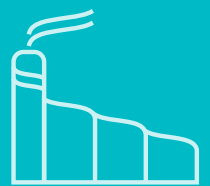


Cost-Effective Solution with Clear ROI

Atlantium develops innovative solutions that consistently perform to the changing needs of industries



Hydro



Industry



Aquaculture



Food & Beverages



Municipal

HOD UV Provides Solutions for:

- Disinfection
- Dechlorination (FAC)
- Biofouling protection, including membrane protection
- Advanced oxidation process for chemical decomposition, including TOC reduction
- Macrofouling control (zebra/quagga mussel control)
- Cooling water treatment
- Boiler feed water treatment
- FGD service water
- Potable water
- Process water treatment
- Wastewater treatment
- Open Channel water treatment
- Simple Syrup disinfection



Ballast



Power



Bio Pharma





ATLANTIUM

info@atlantium.com | atlantium.com

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