



Category: Drinking water, Industrial Waste Treatment, Waste Water Treatment, Desalination, Water disinfection ends De-Chlorination.

www.atlantium.com

Company profile

Atlantium develops and provides innovative advanced water disinfection solutions that help businesses and municipalities build, expand and operate water-intensive processes. Our field-proven technologies have combined UV technology with advanced optic principles to take water disinfection to levels never before attained. Atlantium's Hydro-Optic Disinfection (HOD) solutions are cost effective, environmentally friendly processes that deliver unprecedented microbe inactivation, at industrial and municipal water flow rates.

Date of establishment: 2003

No. of employees: 50

Background on the company

The trend of decreasing reliance on chemicals and energy-intensive technologies is seen among water-dependent industries and municipalities worldwide and is complemented by an increasing interest in implementing environmentally-safe water disinfection methods.

Atlantium is part of this change. its field-proven technologies combine advanced hydraulic and optic principles, delivering environmentally-friendly and cost effective disinfection solutions. This is particularly important in treatment for water-borne pathogens, such as Cryptosporidium and Giardia, where chemical water treatment methods simply do not work.

Reference Clients

- Coca Cola
- PBG
- Nestle
- Danone
- AquaChile
- Marine Harvest
- Pfizer
- Teva

Technology & product(s)

Atlantium's Hydro-Optic Disinfection [HOD] Technology:

Hydro-Optic Disinfection (HOD) technology. HOD systems are designed as primary disinfection systems for a variety of industrial and municipal applications. Several unique features position the Atlantium system as one of the most effective water disinfection systems today:

- Atlantium uses its propriety High Intensity Medium Pressure UV lamp which are three time more powerful than conventional UV lamps. Plug and play lamp connections make lamp replacement easy and effortless.
- The core of the HOD system is made of a large quartz tube that acts both as a clear water channel and as an effective light trap using the "total internal reflection" principle. This unique configuration creates a homogeneous uniform distribution of the UV light throughout the reactor's cross-section and a dosage that systematically achieves high micro-organism reduction.
- A dual sensor configuration provides direct reading of the water's UVT and lamp intensity, guaranteeing light that accurately matches the requirements set by the user.

Objectives / Target companies

Companies that have activities in the Food and Beverages industries, Aquaculture, Pharma industry and Potential distributors.