Building resilient infrastructure with water purification
As part of Vectrus’ Facility and Logistics Services, we partner with Cavortex—an industry leader in sustainable technology—to provide a water purification system to our customers.

THE CHALLENGE
Water crises arise due to lack of water resources and poor water management. Customers need a resilient infrastructure that manages water effectively, efficiently, and, above all, safely.

THE SOLUTION
With proven mission success in more than 85 countries, Vectrus’ expertise in building and maintaining operational systems helps our customers deliver optimal results. In coordination with Cavortex, we supply our customers with a water purification system that treats wastewater through cavitation technology. This system boasts a smaller physical footprint than its competitors and reduces total cost of ownership by cutting energy and eliminating chemicals.

Vectrus’ water purification system provides:

- **Purification.** The system can be used to purify water for potable uses, ice manufacturing, and as a resilient backup for reverse osmosis.
- **Potable Water.** The system thoroughly removes hazardous heavy metals, such as mercury or lead, found in traditional potable water.
- **Greywater.** The system collects and recycles wastewater from areas such as purge pits and wash racks in addition to freshwater to produce a reliable and cost-effective water supply.

THE BENEFITS

- **Safety.** The system is chemical-free in both the water purification process and system handling to ensure customer and personnel health and safety.
- **Space Savings.** A small footprint maximizes space and provides flexibility for increasing water purification demands as systems can be stacked to fit any-size facility.
- **Energy-Efficiency.** The system drives 100 pounds of water pressure inside reactors to produce up to 4 million gallons of water per day. Using water pressure reduces energy usage and facility dependence on diesel generators.
- **Cost Effectiveness.** Fully automated and requiring no moving parts, the system reduces future maintenance costs. The recycling process eliminates transportation and purchasing costs of new water.

EXPERTS IN THE FIELD
Contact Kelly Voci at kelly.voci@vectrus.com and visit https://vectrus.com/who-we-are/solutions to learn more about installing our water purification system in your location.