



# Water Security Corporation

## COMPANY BACKGROUNDER

Founded in 2005, Water Security Corporation (WSC) develops water purification technology for consumer Point-of-Use and Point-of-Entry applications. Our extensive chemistry and microbiology R&D is directed at the application of halogens to kill disease causing germs, and the removal of chemicals and other contaminants for producing healthful drinking water.

Most people in the world must purify the water from their kitchen tap for it to be safe from bacteria and viruses. At least 2 billion people need an affordable kitchen water purifier to keep their family healthy.

WSC's commercially available technology, today, is based on iodine. This technology was originally developed for NASA's use in space due to its exceptionally safe, reliable and user friendly characteristics. WSC R&D has focused on advancing and productizing iodinated resin technology for affordable and practical home use in consumer products worldwide. Our technology is space certified and our partners are eligible to use the 'space certified logo' in their merchandising of WSC based products.

We license our portfolio of patented intellectual property and proprietary know-how to key global corporations. Eureka Forbes Ltd., the home water purifier market share leader in India, has licensed WSC's technology. Additionally, we have designed and deliver, via regional distributors, our Discovery System which produces purified drinking water for small villages, medical centers, and schools in rural and under-developed environments.

Our mission for licensing our technology is to enable global corporations to profitably deliver affordable, point-of-use water purification products and serve the enormous need for safe, healthful drinking water throughout the world. For much of the world, a clear glass of drinking water from the home faucet can cause sickness or a life threatening disease. After treatment in municipal plants, the water may be re-infected with pathogens as it travels to homes and schools through the network of pipes that may have been compromised in any number of ways. This problem is often recognized in India, Mexico, China, Malaysia, Russia, Latin America, and many countries where the infrastructure is aging significantly.

■ WSC continues to improve the cost and performance of water purification technology for an expanding number of point-of-use applications. WSC's drinking water purification solution is:

- Affordable
- Reliable (Fail safe, provides purification assurance)
- Simple to use
- Safe for consumer operation
- Scalable to meet price and performance requirements of varying markets and product types
- Green Alternative to Bottled Water and Lower Cost than bottled water
  - Saves landfill of plastic bottles; one kitchen storage purifier provides 2000 – 6000 liters of drinking water depending on its design
  - No water is wasted during the purification process using WSC technology

■ WSC water purification technology is deployed and proven in commercial installations:

- Over 800 Discovery village systems are successfully operating in Mexico
- WSC technology is used in the World Wide Water Company's Survival Bag, a disaster relief drinking water purification product
- WSC technology has been chosen by Eureka Forbes, the leading consumer water purifier company in India, for use in their low cost kitchen water purifier products.
- NASA has used our MCV®, iodinated resin, for nearly 30 years on the Space Shuttle

and the International Space Station.





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Company Backgrounder continued:

■ WSC licenses its patented technology and proprietary know-how. WSC provides:

- Rights to use WSC patents for designing and manufacturing water purification products
- Use of proprietary resins
- Assistance on design of filter cartridge
- Sourcing & OEM arrangements for marketing a variety of water purification products developed by WSC or its partners

■ The Water Security® Discovery System has been designed to meet the rugged demands of rural villages, medical centers and schools to provide pathogen-free, safe drinking water utilizing the local water sources. It is distributed and installed by our regional partners. WSC continues to seek leading value added distributors for our products throughout the world.

For more information regarding licensing Water Security's technology or distributing our products, contact:

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