

### Ion Enterprises Ltd. - Company Overview

**ION Enterprises Limited** has been trading since 1990, in 2012 had amalgamated with newterra Ltd. The company manufacture a range of environmental water treatment devices under the trademarks of **ScaleBuster**<sup>®</sup> and **ISB**<sup>®</sup>. Over the past years our technology has been installed by many well-known global companies with excellent results. Our products have been applied into more than 300,000 applications to date.

Environmental issues are adding extra costs in many process industries, profits are down and images are affected. This situation is forcing industry to change its habits. Sustainable technologies, such as **ScaleBuster**<sup>®</sup>, are seeing increased investment from Global, European and North American Companies as business culture adapts. The technology developed in the United Kingdom has had more than US\$8.5m (£6m) invested for its launch into North American cooling system applications.

*We seek global business partners, OEM supply, Distributors, Licensees and marketing organisations to penetrate various worldwide markets with our patented **ScaleBuster**<sup>®</sup> technology.*

### About the technology

The patented **ScaleBuster**<sup>®</sup> technology can completely replace traditional chemical treatment of certain cooling systems; providing control of scale and corrosion in various water process systems to create an exceptionally clean system. This dramatically reduces energy and water consumption, while reducing or, in certain cases, eliminating toxic water discharge to the environment.

### How does it work?

Once the **ISB**<sup>®</sup> is installed into the system the calcium and magnesium are precipitated into suspension. These particles remain within the flow of the water. When these particles reach the hot parts of the system the tendency to adhere to the hot surfaces is dramatically reduced. Therefore the **ScaleBuster**<sup>®</sup> protects the equipment from potential limestone damage. The **ISB**<sup>®</sup> is conceived to make the particles formed non-adherent. After installation of the **ISB**<sup>®</sup>, limestone is mainly present in the form of aragonite, which is a non-adherent crystalline structure contrary to the untreated calcite that can cause deterioration and damage in unprotected systems.