

## How Sialex™ can help control costs

Equipment exposed to water can suffer from the effects of corrosion or scaling. If no action is taken to counteract these effects, water pipes and devices attached to these water pipes may ultimately fail. If you are located in an area of "Hard" or excessively "soft" water you are most probably aware of these problems. If you are in industry and make use of water as part of the production process you are also exposed to such problems. As a homeowner taking no action can result in premature appliance failure (boilers, showers, heaters, washing machines, etc) eventually even pipe work may need to be replaced. Industry suffers from similar problems but typically on a much larger scale.

By employing a Sialex™ Ring users can achieve cost savings on two levels.

**Direct cost savings:** replacing or substantially reducing the use of chemicals or other types of consumables normally used as part of a maintenance cycle.

**Indirect cost savings:** reducing system downtime for maintenance as well as improving system performance.

### Reduce the need for operator intervention

Once installed Sialex™ Rings do not require any further operator intervention. Installation does not interrupt the daily operation of the home or work place. Installations do not require the cutting of pipes or adding of equipment into the water system. The devices are designed to be installed around the exterior of the water bearing pipe on the water circuit.

### Reduce the need for component replacement

By reducing the ability for scale and/or corrosion to occur, devices in the water circuit do not require the same level of maintenance. This leads to lower costs of operation as well as extending product life.

### Reduce / eliminate chemical additives

Without devices such as the Sialex™ Ring, homeowners and industry may make use of Reverse Osmosis (RO) and Ion exchangers (water softeners) to deal with Lime scale as well as chemical additives to treat "rust" and corrosion. In all cases residual products must be dealt with / disposed of.

Products based upon our Sialex™ technique are installed in several markets worldwide.