Disinfection systems treat water to inactivate pathogenic microorganisms and render the water completely safe for drinking and domestic use.

The call for a higher log reduction for recycled water use has called for a combined multi system. UV systems are exceptionally useful in treating protozoan cysts such as giardia and cryptosporidium, while Ozone and Chorination are most effective against viruses and bacteria.

Total disinfection processes available include use of:

- Chlorine
- Sodium hypochlorite
- Calcium hypochlorite
- UV (Trojan enclosed or open channel design)
- Ozone
- Chloramine
- Chlorine dioxide

Disinfection systems are able to be fully automated in response to both plant flow rate and a measured parameter, usually free of chlorine residual.

With over 2000 successful installations world wide, Trojan Technologies has become the world leader in design and manufacture of Ultra Violet systems used for disinfecting effluents from waste water treatment plants.

Aquatec Maxcon is the exclusive Queensland agent for Trojan services and spare parts. Our staff professionally manage the sales, installation and commissioning of all systems in the Trojan range.

As the only broad range manufacturer of water and waste water equipment in Australia, we are able to provide perfect pre-treatment synergies for all of the highly sophisticated Trojan systems.

For more detailed product information, please refer to our brochure and supplier website.

- Disinfection Systems Brochure
- Trojan UV Disinfection