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Tenix is a leading provider of end-to-end services to owners of electricity, gas, water and other network and industrial assets across Australia, New Zealand and the Pacific Islands.

We design, construct, operate, maintain and manage assets to deliver optimal results for owners and their customers.

We work collaboratively with our customers to achieve shared goals. We are driven by passion and urgency to deliver only the highest quality and timely outcomes.

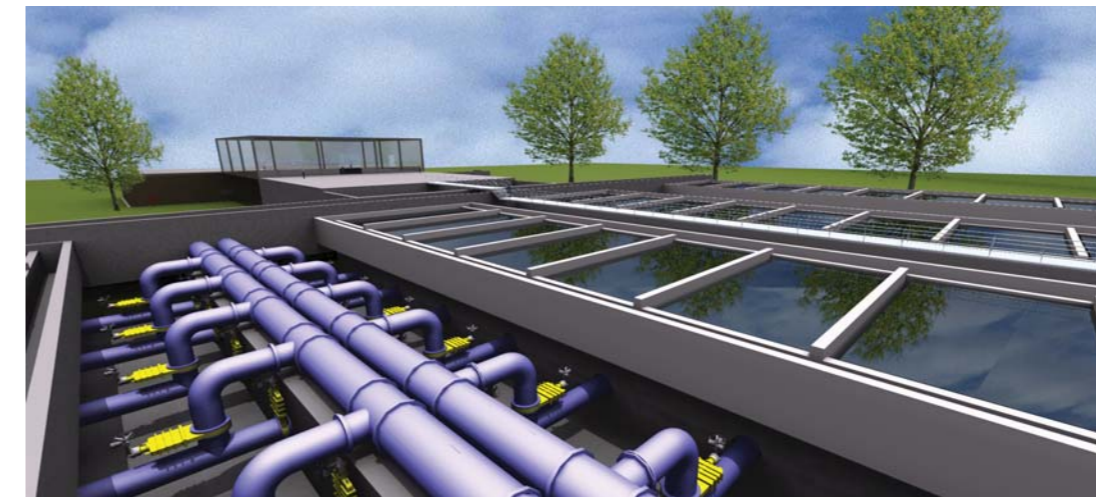
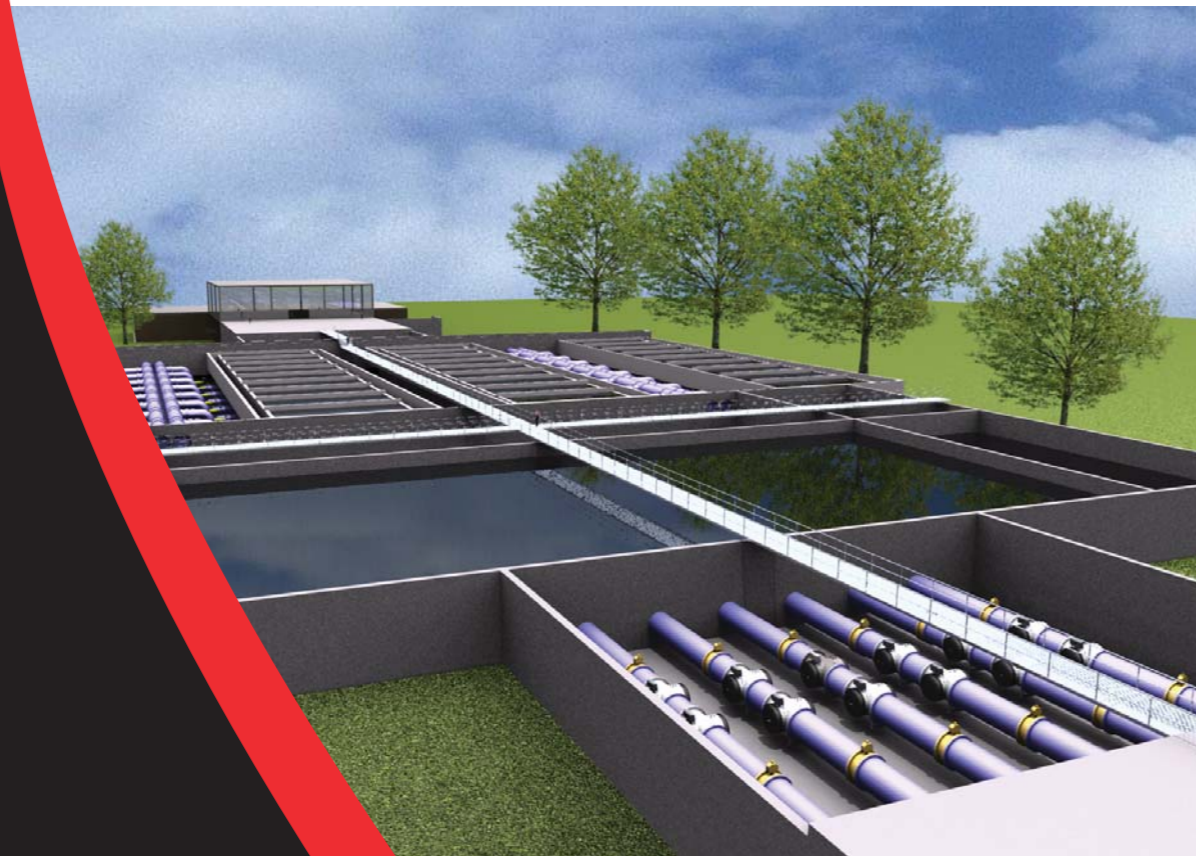
With confidence borne of more than 50 years in major project management, we have the experience to undertake infrastructure challenges of any dimension.

Key areas of expertise include infrastructure design & engineering, construction, commissioning, fabrication, maintenance, asset management, program & project management, and professional infrastructure services.

advanced water treatment waste water treatment plant design

Tenix design, construct and operate Waste Water Treatment Plants (WWTP) for various clients in Australia, New Zealand and the Pacific Islands.

We are best known for our capability in advanced wastewater and recycled water treatment plant delivery and operation. We have designed and built more than 30 treatment plants in the last three years alone and currently operate 15 treatment facilities.



Tenix uses Autodesk systems including Navisworks, Plant 3D, P&ID, Inventor and AutoCAD to enable a co-ordinated approach in its design concepts and management process.

Tenix engineers can experience real-time visualisations and exploration of 3D models complete with clash detection and interference management.

This review allows Tenix to anticipate potential problems whilst checking operator access and safety. Combined with 4D models (3D linked to a project schedule) we can visualise the construction of the WWTP over time and use this tool for planning the design and construction methodology.

Tenix Engineering manager Chris Yeats says "Being able to accurately detect clashes between various disciplines before completing the design and getting to site will significantly decrease risk and make our delivery more efficient".

3D CAD is not new, but a package such as Navisworks allows Tenix to bring together various 3D files and undertake interactive design reviews will provide a real benefit in the future. Experiencing the project before it has been constructed, and with the ability to visualise it at any time during the project gives Tenix an accurate picture which eliminates guesswork.

"Using Navisworks for the reviewing Safety, Constructability and Operability allows us to check the designs at all stages which really gives us a significant advantage over the traditional manner", says Yeats.

