ASSET LIFECYCLE MANAGEMENT
OPTIMISE ASSET PERFORMANCE
Achieve alignment to asset management best practice, with a holistic approach to managing assets throughout their lifecycle.

TechnologyOne’s Asset Lifecycle Management (ALM) delivers an enterprise approach to managing assets with a single view of all asset information across your organisation. Align with ISO 55000 by optimising the lifecycle performance of infrastructure assets in a single, integrated solution, from long term asset planning and multi-year capital works programs to day-to-day operational asset management.
1 Strategic
Determine long term sustainability and make informed investment decisions.

2 Tactical
Deliver capital expenditure projects to achieve long term asset management plans.

3 Operational
Execute day-to-day asset care and work management practices to ensure assets are safe, reliable and available.
TECHNOLOGYONE’S ENTERPRISE CAPABILITIES
AN INTEGRATED ENTERPRISE SOLUTION TO DELIVER TRUE ASSET LIFECYCLE MANAGEMENT

1. Manage long term asset strategies including future treatment planning and integrated asset accounting practices

2. Manage capital projects from prioritisation and optimisation through to delivery

3. Manage asset and work management from call centre requests through to work scheduling, maintenance and completion
Single asset register
- Store and update all asset details in a single enterprise asset register
- Seamlessly share asset information across the asset lifecycle
- Remove the need to manage multiple asset data sets
- Easily link asset work history, costs and risk to long-term planning strategies

Consistent, intuitive user experience
- Accessible, intuitive and practical software for everyday users
- Access asset information from any device, anywhere, any time
- Intuitive design reduces training time

Spatial management
- Streamline work management with greater context for asset and work location
- Visualise geographic information from many sources to identify patterns and trends to inform long-term asset decision making

Pre-configured industry solutions
- Embedded in TechnologyOne end-to-end industry-specific solutions
- Streamline operations and integrate critical information across entire business
- Accelerate software delivery
- Manage asset classification structures and asset attributes specific to your industry
“TECHNOLOGYONE’S INTEGRATED APPROACH HELPED US IMPROVE OUR PROCESSES, ALLOWING US TO REDEFINE THE WAY WE DELIVER SERVICES TO OUR COMMUNITY.”

Cumberland Council
“WITH BETTER STRATEGIC AND OPERATIONAL ASSET MANAGEMENT, WE’LL HAVE A 2 PER CENT GAIN IN OUR DEPRECIATION FIGURE - WHICH EQUATES TO SAVINGS OF ABOUT $2.5 MILLION PER ANNUM.”

Toowoomba Regional Council
Make informed, evidence-based asset investment decisions and clearly communicate complex engineering outcomes to stakeholders.

**Predict lifecycle costs**
- Understand the lifecycle cost of assets including renewal costs, maintenance, upgrades and operating costs
- Optimise long term asset outcomes based on required service levels and risk management strategies linked to a range of funding model scenarios
- Break down lifecycle analysis into various component levels for complex assets
- Model accurate funding scenarios
- Produce realistic capital works and maintenance investment plans

**Maintain level of service**
- Predict maintenance costs for assets and treatments required to achieve required level of service
- Calculate affordable target service levels for each funding model scenario and the corresponding risk register
- Easily group service level reporting by condition, function, capacity, utilisation or quality with multivariable parameters
- Predict service levels for any future period for each funding model scenario
- Use degradation models supported by NAMS, IPWEA, IIMM and the Water Services Association of Australia (WSAA)
Simplify statutory compliance

• Streamline annual statutory reporting requirements
• Show efficient and effective management of large and complex asset portfolios
• Ensure compliance with Australian accounting standards - AASB 13 Fair Value Measurement, AASB 116 Property Plant and Equipment, AASB 5 Assets Held for Sale and AASB 136 Impairment

Comprehensive revaluations

• Understand financial movement per asset and category for unit cost and asset life
• Access depreciation calculations based on Australian Infrastructure Financial Management Guidelines (AIFMG)
• Full visibility of valuation history for each asset
• Integrated asset work history allows for evidence-based reporting on asset life and cost
• Specific calculations and methodologies used in valuations are also available in revaluation reporting and can be provided to auditors
CAPITAL PLANNING & DELIVERY
TAKE CONTROL OF CAPITAL EXPENDITURE
Optimise capital work programs and manage all project processes using best practice portfolio, program and project management methodologies.

Integrated prediction modelling
- Use seamlessly integrated lifecycle cost predictions
- Derive optimal capital and maintenance works programs for a range of long term financial scenarios

Investment selection
- Take renewal, new and upgrade initiatives through a rigorous investment selection process to finalise forward capital works programs
- Manage project submission and approval processes
- Define asset class-specific prioritisation criteria and weightings
- Automatically fund approved strategies

Program and project delivery
- Manage costs, budgets, forecasts, contracts, progress, schedules, commitments, risks and issues
- Maintain cash flow forecasts within a definable forecast worksheet structure whilst utilising S-Curve profiles
- Implement robust cost controls and streamline outputs of project status reports
- Manage cost, earned value and schedule information against the same work breakdown structure

Project portfolio management
- Meet best practice guidelines including PRINCE2, PMBOK, Management of Portfolios (MoP) and Managing Successful Programmes (MSP)
- Adopt and adapt best practice processes and controls to meet organisational requirements
Manage operational work processes, with true cost and performance visibility.

**Work management**
- Enable staff and external parties to create work requests from minor maintenance through to major capital projects
- Provide field teams with access to spatial information on mobile devices
- Attach location details, images and supporting documents
- Plan and schedule preventative and corrective maintenance including inspections and condition assessments
- ‘Drag and drop’ calendar to manage resources and allocate work for individuals or crews

**Work billing**
- Ensure costs incurred (and revenue gained) in managing assets are appropriately recovered
- Integrated invoicing and re-charging capabilities

**Plant and fleet bookings**
- Manage asset availability and booking processes on any device
- Access standard fleet management capabilities to ensure utilisation and charging is appropriately recorded
- Usage of assets can be charged to work orders, costing the job and crediting recovery accounts
Contractor work

- Enable contractors to complete work and inspections and record details in the field, from any device
- Contractors can bring their own device and still update client data
- Contractors reassign completed tasks back to client for review and further action

Mobile field enablement

- Allow contractors and employees to record and update asset details on mobile devices
- Capture real-time asset performance data in the field
- Respond to issues quickly
- Seamlessly feed long-term asset investment planning decisions
“MANAGEMENT ARE ABLE TO MAKE MORE INFORMED DECISIONS BECAUSE WE’VE IMPROVED OUR RECORDING RATE OF ASSET DEFECT INFORMATION ON WORK ORDERS FROM 10 PER CENT TO 90 PER CENT.”

Townsville Water
“OUR ASSET INFORMATION IS ALL AVAILABLE IN REAL TIME, AND THAT IS PROVIDING BETTER INFORMATION BACK TO KEY PEOPLE IN THE BUSINESS.”

GWMWater
Our approach

OUR ENTERPRISE VISION

The power of a single, integrated enterprise solution

Experience the power of a single, integrated enterprise solution built on a single modern platform with a consistent look and feel.

MARKET FOCUS AND COMMITMENT

Preconfigured enterprise software solutions reduce time, cost and risk

A deep understanding and engagement with our eight key markets means we can deliver to our customers integrated, preconfigured solutions that provide proven practice, streamline implementations and reduce time, cost and risk.

THE POWER OF ONE

One vision. One vendor. One experience.

When you invest in a TechnologyOne solution you benefit from a direct relationship with us every step of the way. We do not use implementation partners or value-added resellers.

We take complete responsibility for building, marketing, selling, implementing, supporting and running our enterprise solution for each customer to guarantee long-term success.

THE POWER OF EVOLUTION

An enterprise solution that adapts and evolves

Substantial investment into R&D each year means we provide our customers a strong, continuing competitive advantage through an enterprise solution that adapts and evolves by embracing new technologies, concepts and innovation.

SIMPLICITY, NOT COMPLEXITY

Enterprise software, incredibly simple

Software that embraces consumer concepts and expectations to deliver solutions that are incredibly easy to use and remove complexity.

Transforming business, making life simple

TechnologyOne (ASX:TNE) is Australia’s largest enterprise software company and one of Australia's top 200 ASX-listed companies, with offices across six countries. We create solutions that transform business and make life simple for our customers. We do this by providing powerful, deeply integrated enterprise software that is incredibly easy to use. Over 1,000 leading corporations, government departments and statutory authorities are powered by our software.