



Asset Vision

Case Study

Scaling Smart Infrastructure Management for a State in Motion

TfNSW partners with Asset Vision to drive visibility, accountability and efficiency across thousands of kilometres of critical transport infrastructure



TRANSPORT FOR NSW EXTENDS PARTNERSHIP WITH ASSET VISION

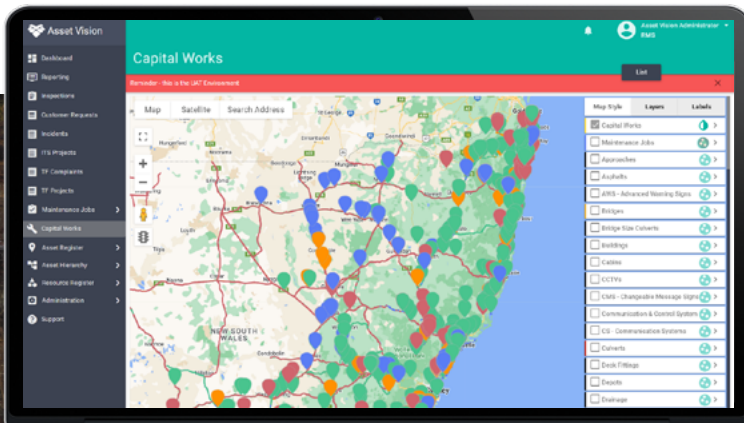
Transport for New South Wales (TfNSW), the state's transport authority, is one of Australia's largest and most influential infrastructure agencies. Established in 2011, it brings together road, maritime, rail, and public transport services under a single organisation. Today, TfNSW employs almost 29,000 people and manages an annual budget exceeding AUD 23 billion. Its portfolio includes more than AUD 188 billion worth of infrastructure assets across roads, bridges, structures, and transport networks, serving millions of residents, commuters, and businesses across the state every day. With such scale and responsibility, TfNSW must continually innovate to maintain safety, efficiency, and reliability across its transport system.

To support these objectives, TfNSW extended its partnership with Asset Vision in 2024 for a further four years, reinforcing the platform's role at the heart of statewide asset management.

WHY ASSET VISION WAS SELECTED

TfNSW required a modern solution that could unify inspection, defect management, and forward works programming across a vast and diverse asset base. Asset Vision was awarded this contract after a competitive tender across both local and global providers – a strong endorsement of the platform's capability and flexibility. It was chosen because it offered:

- A single platform to standardise inspection and reporting across regional and state contractors.
- Contract assurance and compliance monitoring to meet performance-based maintenance requirements.
- Support for forward works programming and capital planning across multiple regions.
- Integration capability with GIS, ERP, and emerging transport technology systems.
- Rapid deployment and proven scalability, demonstrated since the original TfNSW implementation in 2018.



CORE FEATURES AND BENEFITS

The extended partnership ensures TfNSW can continue to leverage Asset Vision's full suite of capabilities, including:

- Asset Register to manage and track thousands of infrastructure assets across NSW.
- Inspections functionality that empowers field staff to capture accurate, timely data.
- Jobs management to streamline reactive and planned maintenance workflows.
- Capital works management and delivery, ensuring long-term investment planning and oversight.
- Advanced inspection product CoPilot to enable handsfree, efficient capture of field data.
- Mobile-first, offline-capable inspections that empower field crews across regional NSW.
- AI-driven imagery and defect detection (AutoPilot) to enhance accuracy and reduce manual workloads.
- Unified workflows connecting TfNSW staff and contractors, ensuring consistent data and transparent reporting.
- Dashboards and real-time analytics for performance monitoring, compliance, and investment decision-making.
- Drag-and-drop configuration of workflows and forms, enabling TfNSW to adapt the system without developer intervention.



SCOPE AND DEPLOYMENT

Asset Vision was first implemented by TfNSW in 2018 to support regional maintenance contracts. The platform quickly became integral in standardising inspection and reporting processes across regional road networks. Today, approximately 600 staff in TfNSW's Regional Maintenance Business utilise Asset Vision's functionality as part of their day-to-day operations. In 2023, a major contract extension was awarded on a 2 + 2 year basis, with minimum licensing revenue of AUD 3.4 million. The extended scope includes forward works programming, supporting TfNSW in planning capital upgrades and maintenance programs with greater accuracy and transparency.

CLIENT PERSPECTIVE

The rollout has been recognised as a success story both during the project and post-implementation, with users across NSW commending the Asset Vision platform as part of their operations and workflows.

As Troy Compton from TfNSW explained:

"The Asset Vision Platform is a robust, customisable and easy to use Asset Maintenance system, which will greatly enhance and support business outcomes."

OUTCOMES AND IMPACT

- The partnership between Asset Vision and TfNSW has delivered significant results, including:
- Improved transparency and consistency across contractors and internal teams.
- Greater efficiency in asset inspections, reducing administrative burden and time to resolution.

- Evidence-based defect detection and reporting, minimising disputes and accelerating decision-making.
- Enhanced capital works planning through accurate forward works programming data.
- Long-term cost savings from smarter scheduling and proactive maintenance.

LOOKING AHEAD

Asset Vision is positioned not only as a core maintenance tool but as a future-ready platform that will integrate seamlessly with TfNSW's broader enterprise technology strategy. By supporting GIS integration, ERP connectivity, and AI-driven innovation, Asset Vision ensures TfNSW can continue to evolve its asset management approach while reducing reliance on fragmented legacy systems. This future-proof design ensures TfNSW benefits from both immediate operational gains and long-term strategic alignment.

ABOUT THE ORGANISATIONS

Transport for New South Wales (TfNSW) is the state government agency responsible for managing the transport system across New South Wales, including roads, rail, ferries, and active transport. TfNSW plays a critical role in maintaining infrastructure and services that support the movement of millions of people every day.

Asset Vision is an Australian-based enterprise asset management provider delivering cloud-native solutions for transport, councils, utilities, and infrastructure operators. Its mobile-first platform combines inspections, compliance, financial management, and AI-driven analytics to help organisations streamline operations and improve asset performance.

