



TECHNOLOGY SERVICES CAPABILITY STATEMENT

Woolpert delivers client-centric solutions for the physical environment, combining best-in-class aerial mapping, surveying, and geospatial technologies with strategic consulting. Our advanced digital platforms and integrated data systems support major projects across the Asia-Pacific and beyond, enhancing portfolio performance, reducing costs, and driving sustainable outcomes through business intelligence and organisational optimisation.

TECHNOLOGY EXPERTISE

Woolpert's tenured advisors, consultants, and analysts bring real-world experience in aligning people, processes, and technologies in support of organisational strategic visions. We deliver best-practice solutions consistent with national and international standards that empower clients in energy, resource, water, transportation, aviation, and government sectors to make digital transformations that realise time savings, reduce costs, improve efficiency, and increase compliance. Our approach leverages multidisciplinary expertise to deliver truly integrated enterprise solutions, enabling our clients to improve operations and service delivery.

TECHNOLOGY SERVICES INCLUDE:

- Application and integration development
- Asset management program development and ISO 55000 compliance
- Asset register design and deployment
- Capital investment planning
- Custom dashboard and report development
- Data migration, acquisition, and management
- Geospatial data solutions and integration
- GIS consulting, support, and enterprise architecture
- Information technology and management
- Land management and permitting
- Technology implementation

WHY WOOLPERT

As a global company with over 3,000 staff across more than 75 offices, we're agile and responsive — ready to support our clients wherever and whenever needed. We don't just stay at the forefront of technology; we actively strive to discover and implement ever-advancing techniques for smarter solutions. Our reputation is built on leadership in integrated solutions, client commitment, and proven performance.



CASE STUDY

Pinellas County Asset Management Program

Pinellas County, Florida, United States

BACKGROUND

Pinellas County, Florida's most densely populated county, is home to over 975,000 residents on a 56-kilometre peninsula with 946 kilometres of beach coastline. To preserve and enhance its economy, environment, and community needs, the county manages \$8 billion USD in infrastructure. However, it sought a more efficient work order system to extend asset life, meet federal and state reporting requirements, and deliver sustainable, cost-effective services.

CHALLENGE

The county had used an outdated computer maintenance management system (CMMS) for over 25 years, which was poorly maintained across divisions. This, alongside a lack of end-user training, led to disconnected systems, limited visibility into assets, and unreliable data. Recognising the need to protect its multi-billion-dollar infrastructure, county leadership initiated a major CMMS and asset management technology upgrade. The goal was to implement integrated tools that would improve communication, streamline review processes, and simplify workflows.

SOLUTION

The county enlisted Woolpert to implement an enterprise asset management (EAM) plan focused on optimising asset life cycles. The team developed an organisational framework to foster a culture of effective decision-making through leadership engagement and staff training. Topics included asset management policies, strategies and objectives, asset plans, asset information, and organisational structure. Implementing asset management at this scale marked a significant cultural shift for the county. As a result, the project team emphasised change management — ensuring staff participated in decisions, stayed informed about upcoming changes, and were supported throughout the process.

OUTCOME

Following the successful development of the county's asset management framework, Woolpert implemented the selected asset management software, Cityworks AMS (now Trimble Unity Maintain), within the existing framework. The rollout included design, development, tracking, and support services. Once complete, the team conducted testing and made improvements as needed to check for smooth operation. The county also created an Office of Asset Management staffed with new positions to build upon the enterprise scale of its asset management program. This structure fostered both top-down and bottom-up buy-in, creating accountability and ownership across five major departments.



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