Digital transformation for cities and infrastructure

Creating a more sustainable future through agility, efficiency, and a connected workforce

Facing aging infrastructure, climate crisis, and limited budgets, cities are being asked to do more with less as urbanization skyrockets across the globe. Many cities and facility management companies are struggling to find solutions to help control market and climate forces without the tools or workforce needed to repair and revitalize.

Five key issues for cities and facility management

Increasing complexity of service networks

Achieving better emergency preparedness and faster responses to crises

Budget constraints

Doing more with less while maintaining critical services

Labor disruption

Attracting a new generation of workers as an aging workforce retires

Aging infrastructure

Extending asset life as costs to modernize increase

Preparing for climate threats and natural disasters

Meeting ESG targets with transparency and working toward sustainability

Five business imperatives for positive outcomes

Operational agility and resiliency

Enabling situational awareness to improve crisis response across city service lines

A connected workforce

Digitalizing workforces to enable remote operations and attract new talent

Sustainability and a path to net zero emissions

Reducing waste and optimize energy efficiency with operational data hubs

Greater operational efficiency

Reducing energy and operational costs through industrial information management

Improved asset reliability and safety

Extending asset life with real-time data and predictive analytics

AVEVA's hybrid cloud and SaaS approach enables the new normal

Scalability and agility

- Increase in deployment speed
- Flexible application consumption
- Minimize IT burden
- Reduction in TCO
- Breakdown information silos

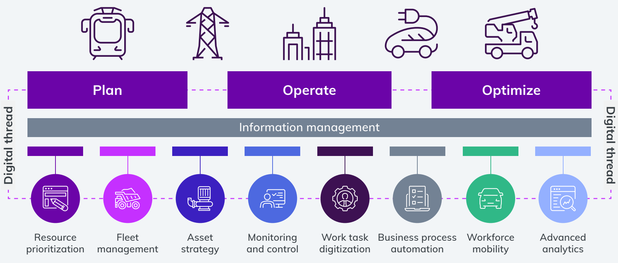
Hybrid cloud and distributed working

- Enable collaboration and efficient productivity
- Empower remote workforce and teams
- Leverage partner ecosystems and existing IT architecture
- Create, acquire, and transfer knowledge

Secure digital thread

- Secure data ownership
- Access management
- Manage distributed architectures and data sharing
- Achieve global license compliance

Complete digital thread woven across your entire operations



How we're helping smart cities and facilities all over the world

Nava Raipur embraces smart growth

Smart City Nava Raipur in central India reduced its emergency response time by 60% after implementing an integrated command center for transit, security, smart grid, and energy consumption.

The City of Bremen consolidates building management

Bremen, Germany, integrated 1,200 buildings, many of which were aging, into a single building management system, saving up to 18% or €30,000 in energy costs per year.

Pima County doubles its capacity while maintaining staff levels

The Pima County Regional Wastewater Reclamation Department in Arizona implemented a situational awareness strategy that allowed it to double its capacity while reducing energy consumption.

University of Maryland, College Park centralizes electrical data

The university saved 30% in HVAC costs by using predictive analytics to inform advanced warnings and preventive maintenance, reducing downtime and outages.

UC Davis on track to achieve net zero emissions by 2025

Using advanced digital tools and real-time data to optimize and transition its water system from steam to low-temperature hot water heating, UC Davis reduced gas consumption 62% and projects $197 million in savings.

Learn more about how AVEVA can help your city face operational and infrastructure challenges

aveva.com/cities

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