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







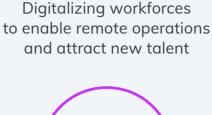
Five business imperatives for positive outcomes

A connected

workforce

Operational agility and resiliency

Enabling situational awareness to improve crisis response across city service lines



Sustainability and a path to net zero emissions

Reducing waste and optimize energy efficiency with operational data hubs





Reducing energy and operational costs through industrial information management

efficiency



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
- Leverage partner ecosystems and existing

workforce and teams

• Create, acquire, and transfer knowledge

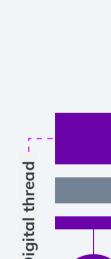
IT architecture



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









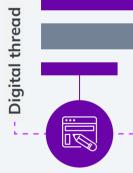


Plan

Operate

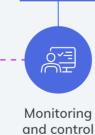
Information management

Optimize

















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



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.



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.



staff levels The Pima County Regional Wastewater Reclamation

capacity while maintaining

Department in Arizona implemented a situational awareness strategy that allowed it to double its capacity while reducing energy consumption.



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.



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.

aveva.com/cities

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