

How we make it happen

Customer case study
Nava Raipur

Theme



Urban Resilience



Nava Raipur, smart capital of Chhattisgarh, India, becomes a beacon for Narendra Modi's 100 Smart Cities programme

The digital opportunity

The Nava Raipur Development Authority worked with us to develop a first-of-its-kind Integrated Command and Control Centre (ICCC) using our Unified Operations Centre solution. The ICCC unifies all data on city operations, critical incident management, events, transportation and collaboration tools across the different municipalities. The shared hub enables the authority to increase operational efficiency, boosting the city's liveability index ranking and improving services for and communication with the local community.

Solutions provided

Real-time system visibility and control of city services with swifter incident response using AVEVA Unified Operations Centre.

- Asset Performance Management software cut infrastructure downtime and boosted overall efficiency, using AVEVA Enterprise Asset Management.
- Aquis software enables the water operation team to maintain water pressure throughout the city distribution network, reducing energy consumption and leakage.

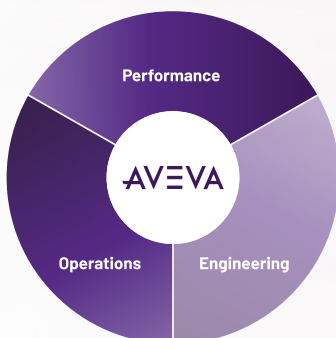
...inspires

Customer benefit

The municipal authority worked with us to design a system that would ensure smooth delivery of civic services from water and electricity supply to wastewater management, law and order, transportation and traffic management, and other civic services. The ICCC has helped teams to collaborate better, building trust between disciplines and enabling the municipal leaders to proactively manage the city's infrastructure using real-time data and insight.

Future plans

As Nava Raipur grows, new smart systems will be integrated into the ICCC. The city has been lauded by Prime Minister Narendra Modi as a role model for India and a live reference for other municipal corporations, several of whom are already working with AVEVA to achieve their vision.



people...

"Using the ICCC we now have real-time insight into all critical infrastructure systems across the city. This enables us to match supply and demand with greater accuracy, and respond to emergencies as they arise, cutting response times by an average of 60%. During the recent Covid-19 lockdowns, the ICCC, together with the smart city portal and app, made it easier for municipal authorities to communicate with the general population and respond to the needs of affected citizens, supporting the containment process."

Mr. N. N. Ekka
CEO, Nava Raipur