

Why local and regional agencies need a robust capital project management system

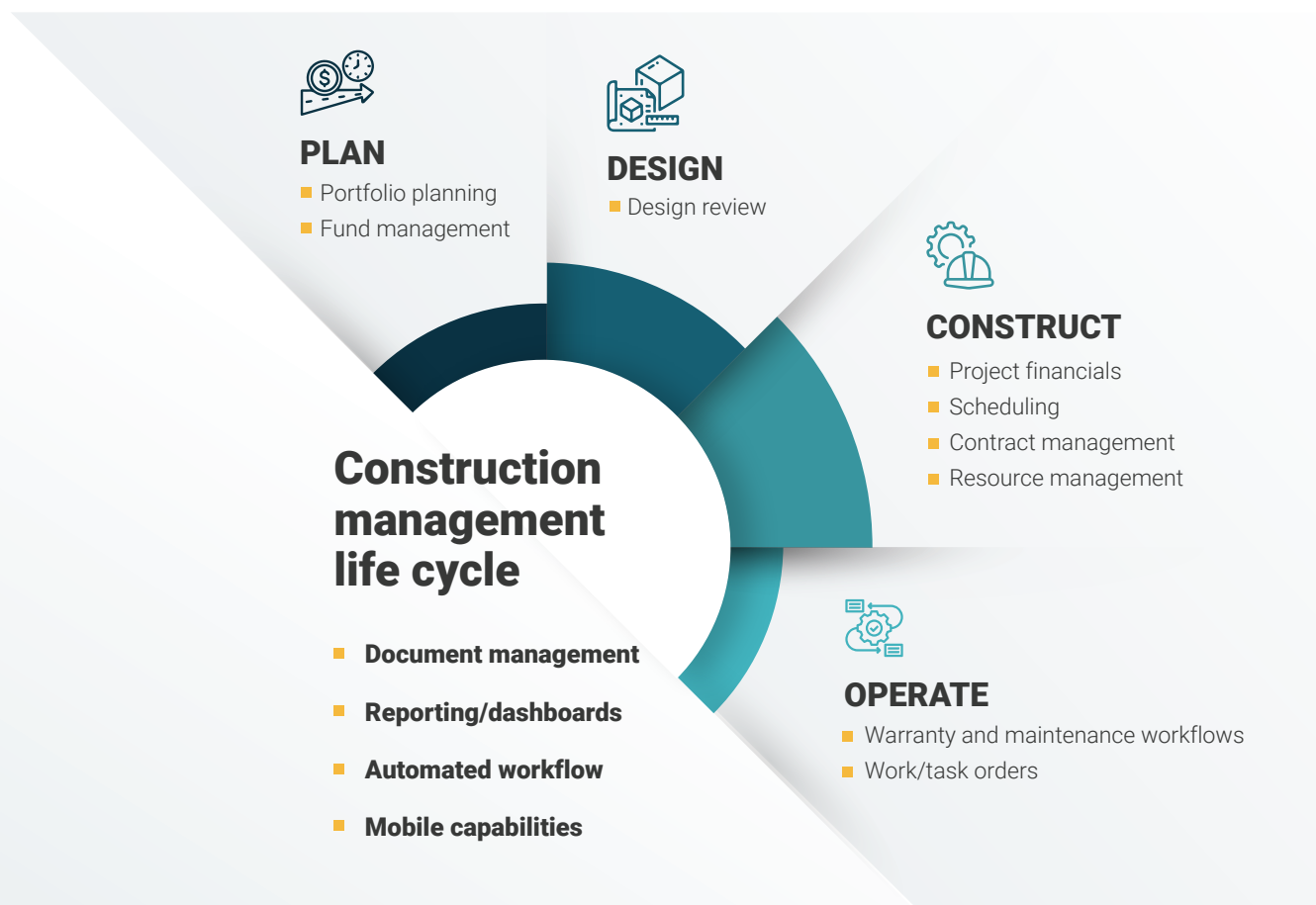


Local and regional agencies often rely on generic office software like Microsoft Excel and email to manage projects. Using these or homegrown systems can make managing capital programs costly and inefficient, as they rarely scale with ongoing needs. Duplicate data, outdated information, and sluggish response times can slow down your entire program. Project teams frequently face resource shortages, making managing and validating dozens of spreadsheets and emails cumbersome, increasing the risk of cost and schedule overruns.

Different departments often plan, track, and manage infrastructure and facility projects independently with various tools, leading to inconsistencies and making it challenging to establish data integrity, maintain project controls, and get an accurate snapshot of your project's or program's health.

This disjointed approach can complicate coordination and communication, causing misalignment and surprises among stakeholders.

Implementing a modern integrated system to manage your planning and project execution will help you save time, increase productivity, aid your agency in eliminating costly errors, and save money in the long run. A robust system designed specifically for agencies like yours can help smaller cities, counties, and public agencies ensure that construction projects stay on track and remain under budget. It can also provide real-time insights as well as maintain public transparency for every project phase, significantly reducing errors and delays. Discover how a comprehensive software solution can help your agency manage your capital program, from planning to construction and operations.





Construction and maintenance project management

The projects your team executes will impact your community for years to come. Whether improving safety and security, enhancing infrastructure, expanding and repairing school districts, investing in better water treatment facilities, or delivering affordable housing, your agency's priorities require clear focus and smooth execution. Construction projects handled by local and regional agencies have inherent complications and risks. Your system should alleviate some of these roadblocks by providing the tools needed to plan, budget, schedule, manage resources, and carry out the end-to-end building, contracts, and payments for both vertical and horizontal projects.



Project scheduling

Your team should be able to plan, schedule, and monitor every project detail in one centralized location. A comprehensive visual view of progress, both at the task and project levels, provides the added advantage of clearer insights into potential scheduling conflicts, enabling you to take corrective actions and helping you prioritize mitigation efforts effectively, minimizing the risk of delays.



Contract management

With paperless contracts, simplifying contract changes, and automated pay estimates, you'll be on the fast track to project success. Contract management can help you move projects from creation to closeout without missing a step.



Resource management

By leveraging capacity planning, you should be able to get a single view of every resource involved in your projects. This visibility across your entire portfolio can aid you in optimizing staffing for your projects.



Approval workflows

Eliminate delays and keep projects moving forward by monitoring efficiencies and automating notifications. Streamlined workflows can help keep your projects on track by ensuring immediate action when necessary.



Portfolio planning and fund management

As a public agency, you are accountable for public funds. Tracking funds from numerous sources, allocating those funds to the right projects, managing multi-year schedules, and keeping your projects within budget is hard enough. Trying to do all this with generic project management software makes it even harder. A robust planning system designed specifically for the unique needs of public sector agencies can bring together everything you need, from creating portfolios to tracking public funds across projects.



Portfolio planning

Manage your complete portfolio of projects with a seamless system. Group projects into portfolios (and multilevel portfolios), allocate funds, and determine availability. Powerful reporting engines can provide a detailed analysis of your capital program.



Fund management

Look for ways to track public funds and expenses efficiently. When shopping for a system, ensure you can allocate funds, track federal, state, and local fund sources, and prevent fund overruns. Fund forecasts will help you visualize the data to ensure your projects stay funded adequately.



Mobile inspections and document management

It's time to transition from paper to electronic records. Leave the mountains of paperwork behind you by going paperless with electronic forms and documents. A connected system makes it easy to go paperless with mobile site-inspection forms, allowing information to be recorded from the jobsite. Built-in document management can facilitate tracking, revising, and storing of all project documents, which can help you reduce the risk of costly disputes with contractors and enable quicker resolution.



Mobile inspections

Move your organization online so your team can capture real-time data right from the field. Increase productivity and communication by giving your team the online tools to access information from the field and leverage GPS information to capture contextual data.



Automated workflows

A robust system should offer out-of-the-box best practice workflows for every business process. You can stay on schedule by having industry-standard configurable workflows at your fingertips. Look for powerful workflow and automation tools and the ability to automate complicated approval processes.



Document management

By going digital, you can access project files from anywhere, anytime. Document management systems with comprehensive functionality can help you streamline your construction processes, making compliance with all open record requirements without paper storage an easy task.

Online reporting and dashboard

Stay on top of your construction and maintenance projects with real-time reporting. Powerful reporting engines can provide clear visibility, keeping you informed and in control with industry-standard, out-of-the-box reports. Access to robust dashboards will give you complete insight into every project's and contract's status, schedule, issues, and details. Whether you need a portfolio-level snapshot or a detailed analysis of an individual project, you can access the information you need from anywhere, even from the field on your mobile device.



Online reports

Having a system with an online reporting engine will get you the information you need right at your fingertips. Invest in software that comes with built-in industry-standard reports. Better insights into your contracts, projects, budgets, resources, portfolios, and more should be just a click or two away, ensuring you get the data delivered when you need it.



Ad hoc reporting

Be sure to find a system that allows your team to create customized reports with an ad hoc reporting tool, providing you with the information you need.



Online dashboards

Online dashboards allow you to look at the big picture or dive deep into the details. A powerful reporting tool will help you gain critical insights into your program and projects through the use of easy-to-read graphs and charts. With online dashboards, you will be able to access high-level information or drill down into detailed information. And if these dashboards are available online, your team can access data from anywhere.



Public portal

Enhance communication and transparency with stakeholders and the public to eliminate surprises. Keep everyone aligned by publishing project progress and timelines to ensure everyone stays informed and is on the same page.





For local and regional government agencies, the road to a robust solution to manage your entire project life cycle is more feasible than you may think. Aurigo Essentials helps you better manage capital construction and maintenance projects with a modern, AI-powered cloud software solution that is purpose-built for agencies like yours to quickly and reliably find and act on critical data, keep schedules and budgets on track, achieve predictable outcomes, and maintain transparency.

About Aurigo Software

Aurigo builds software that helps build the world. Aurigo is an AI-native company that helps capital owners connect planning, construction, and operations in a single environment, improving decision-making and execution. Trusted by over 300 organizations across infrastructure and facilities, Aurigo manages more than \$450 billion in capital programs, with over 40,000 projects throughout North America. Aurigo is a privately held U.S. corporation headquartered in Austin, Texas, with global offices in Canada, South Africa, and India.



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