

CGI Advantage Infrastructure Management

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From utilities to roads and bridges, infrastructure projects have a wide-reaching impact on our communities. Managing these projects effectively is critical for state and local government operations.

As the focus on sustainable and efficient development continues to increase, organizations need modern technology solutions to support the development and maintenance of their communities. CGI Advantage Infrastructure Management is purpose-built to seamlessly manage end-to-end government infrastructure projects.

Designed for infrastructure

Infrastructure projects encompass vast landscapes, both physically and logistically, and involve numerous stakeholders. Ensuring alignment across these entities can be challenging. However, CGI Advantage Infrastructure Management is tailored to meet the specific needs of infrastructure projects, allowing organizations to mitigate cost overruns, delays, and unnecessary complexities. Integrated natively into CGI Advantage ERP, this comprehensive solution provides increased visibility and control of all aspects of infrastructure project management, from bidding to handover.

Avoid cost overruns

Most infrastructure projects face budgetary overruns due to unexpected costs, mismanagement, or unforeseen challenges. CGI Advantage Infrastructure Management provides an innovative toolset to help organizations stay “on budget”, including:

- Dynamic budgeting – Gain a holistic planning module with detailed budget planning that factors in potential expenses and unforeseen contingencies to provide real-time insights into budget utilization against defined project milestones.
- Expense forecasting – Forecast expenses based on real-time data to create adaptable budgets that will evolve with projects.



CGI Advantage Infrastructure Management at a glance

- Manage the end-to-end project management cycle with a unified solution.
- Leverage real-time data and analytics and gain actionable insights to streamline project management from bidding to handover.
- Utilize collaboration tools to enhance team communication and alignment.
- Gain an adaptable and flexible solution to manage infrastructure projects of varying scale and scope.
- Collaborate on the go with mobile capabilities.
- Experience a unified solution through the CGI Advantage platform.

- Real-time monitoring – Review project progress in correlation with budget usage to flag any deviations from the planned budget, thus reducing the risk of cost overruns.
- Risk Management – Proactively identify, assess, and mitigate project risks before they become tangible challenges.

Stay on time

In addition to cost overruns, many infrastructure projects struggle with ever-increasing timelines and delays. With a modern approach to planning, CGI Advantage Infrastructure Management can help organizations stay on time.

- Interactive Gantt charts – Leverage a visual representation of the project timeline, including clearly defined tasks, milestones, and dependencies. With real-time updates, these charts provide a clear view of project progress, making it easy to adjust project plans to meet timeline goals.
- Alerts and notifications – Proactively notify users of upcoming deadlines, deviations, and other critical project information. Ensure that no task or challenge is overlooked and potential delays are addressed immediately.
- Stakeholder collaboration – Utilize a centralized platform for communication, document sharing, and feedback to align and inform all stakeholders, including contractors, government entities, and internal teams.

Make infrastructure projects predictable

Effectively managing infrastructure projects can be challenging, but with the right technology, state and local organizations can mitigate the risk of cost overruns and extended timelines, while gaining visibility throughout the end-to-end project management process. CGI Advantage Infrastructure Management is a powerful solution that supports effective, efficient project management. For state and local governments, leveraging a tool designed with the public sector's unique needs in mind is not just beneficial—it's essential.

For more information on CGI Advantage Building Permitting, please reach out to cgiadvantage@cgi.com.

Unlock the future of infrastructure projects for state and local governments with our cutting-edge solution. Harness the power of predictability, streamline operations, and deliver excellence in every project.

About CGI

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

For more information

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