

With steeply rising costs, rate pressures, increasing regulation and industry consolidation, utility companies face increased pressure to implement tighter controls around their capital, maintenance and STO (shutdown, turnaround and outage) projects.

Within this challenging environment, InEight solutions optimize operational budgets and drive increased return on capital for companies involved in power generation, transmission and distribution, water, natural gas and telecommunications.



## Deliver Project Certainty

Construction companies use InEight solutions to:

- **Develop accurate budgets and estimates** for projects as they move within accepted tolerance levels
- Minimize risk in project selection- and drive certainty in project completion- to **ensure stakeholder confidence**
- **Control the construction process** for rapidly-changing projects
- **Utilize project funds most effectively**, while minimizing the ripple effect a bad project can have on other initiatives
- Coordinate procurement, manufacturing and installation of complex and expensive equipment to **minimize downtime**
- Plan and schedule resources to **optimize productivity**
- **Beat critical project deadlines** that, if missed, can cost millions and result in unplanned outages and lost revenue
- **Capture must-have information** throughout the project lifecycle to ensure regulatory compliance and enable informed maintenance activities for the life of the facility

## Drive Best Practices

InEight solutions feature a common integrated platform and robust capabilities to drive best practices throughout the project lifecycle.

### Design

- Integrate 2D and 3D BIM models with schedules, costs and construction workflows to help visualize successful project outcomes
- Identify design issues prior to project execution
- Create material requisitions directly from design models
- Enrich BIM models with information captured during project execution like maintenance data, warranty information, procurement information and more

### Estimating, Budgeting and Work Planning

- Build accurate and consistent cost estimates and budgets for capital, maintenance and STO projects
- Benchmark against cost and productivity data from prior projects
- Create time-phased cost estimates via two-way integration with scheduling systems
- Develop detailed work plans using templates, norms, previous project histories and detailed equipment cost models
- Manage budget revisions and estimate changes as projects evolve
- Easily determine cost escalation across multi-year capital projects

### Project Execution

- Keep estimate, schedule and ERP systems aligned across the project lifecycle for improved visibility and control
- Develop accurate earned value reporting and monitoring of costs, production and time
- Spot cost variances early to stay within required performance goals
- Replace error-prone spreadsheets with an auditable control system
- Simplify commitment and procurement processes by establishing cash spend for material, equipment and resources
- Track budget changes and immediately evaluate their impact on cost and schedule
- Capture information at work locations, including work hours for internal and contractor labor, work progress and inspection results and notes
- Help maintenance technicians receive and prioritize work orders, address defects, record work completed, update repair status and report hours worked

