Do more with less
Transportation solutions for better digital delivery

Today's transportation challenges are creating the need for the industry to:

1. Increase asset utilization through real-time data.
2. Improve service and revenue through connected infrastructure.
3. Reduce project costs and asset life-cycle expenditures.

At the core of this data-focused approach to infrastructure digital delivery is Building Information Modeling (BIM).

The solution? Connecting workflows, teams, and data for better digital delivery.

Use intelligent models to:

1. Design world-class designs.
2. Coordinate linear and vertical elements simultaneuosly.
3. Create precise 2D and 3D drawings.
4. Facilitate seamless handoffs with project stakeholders.
5. Provide digitized project data.

Build facilities, expand and reconfigure terminals and multi-modal transport hubs.

BIM powers design throughout the project lifecycle

1. Plan
   - Capture existing conditions
   - Create project value

2. Design
   - Design solutions:
   - Design alternatives
   - Optimize your proposal to achieve the best conceptual layout in real-world context and trends, mitigate risks, and improve decisions

3. Build and Maintain
   - Optimize the exchange of data, maximize insight and feedback, and eliminate errors and risks that cause project overruns

4. Operate
   - Enhance your dataset.
   - Connect your teams, workflows, and insights on projects and projects.
   - Capture and digitize project data across the project lifecycle.

5. Analyze
   - Analyze maintenance, operations, and 3D modeling data to make better decisions earlier in the conceptual design process, and supercharge project outcomes

Harness the power of connected infrastructure offerings to:

- Speedily transition to a detail design process to optimize your design and eliminate costly errors.
- Transition from conceptual to detailed design and analysis.
- Configure your proposal to achieve the best conceptual layout in real-world context and trends.
- Mitigate project risks and improve project outcomes.
- Optimize project data and dashboards to identify project constraints.
- Connect your teams, workflows, and insights on projects and projects.

Use BIM to:

1. Connect field and project management
2. Enhance quality and safety outcomes
3. Reduce the errors and risks that cause project overruns
4. Create detailed models that inform your project's real-world environment
5. Enable connected construction and improve constructability and costs with a shared model
6. Work through the trade-offs that impact design, build, and performance based on real-time data.

Contact us today to learn how data-focused solutions can help you get a head start on the opportunities of the future.