

5 benefits of

HEAVY CIVIL

construction technology

As the demand for global infrastructure is on the rise, so are heavy civil construction challenges, leaving you with a critical choice to make – **start going digital or be left behind.**

Unique Challenges in Heavy Civil Construction

- Public requirements for transparency, sustainability, and accountability
- Hard-to-control environmental conditions and surprises
- Linear and spatial logistics
- Specialized equipment and civil engineering capabilities required
- Production reliant on moving materials and resource utilization

A Recent Study: Going Digital in Construction

ACCORDING TO THE 2021 DODGE DATA GOING DIGITAL REPORT, the full benefits of digital advances in civil design and construction are only available to companies that make a serious, organization-wide commitment to their overall digital capabilities.

HOW COMMITTED ARE YOU?

45%

45% of non-U.S. firms already report high digital capabilities.

WHY? Because they understand the massive benefits these technologies provide.

Benefits

1

Win more projects and increase profitability

Easily oversee contracts and project budgets to improve risk management and gain insight into your project's financial health.

2

Deliver projects ahead of schedule and within budget

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3

Improve job-site safety

Leverage virtual design and construction to understand what you are building before you build it, so you can avoid any potential risks involved.

4

Optimize productivity and predictability

Utilize mobile applications to communicate with the office from the field in real-time and in context, simplifying decision-making.

5

Gain a competitive advantage

Use a single source of truth for all your data, to enable informed decision-making, reach project goals faster, and exceed client expectations.

Learn how SYNCHRO™ can help you meet all your heavy civil going digital needs

- Drive quick decisions with real-time data.
- See the whole picture – geolocate all workflows.
- Deliver your civil construction digital twin.
- Plan, optimize, and track projects in a single visual.



Learn how you can benefit from SYNCHRO!

Visit www.bentley.com/SYNCHRO or call 1.800.BENTLEY