

Digital Construction

Better Data. Better Projects.

Bentley's commitment to expanding upon its 4D products and capabilities has created a purpose-built, comprehensive solution: a digital construction portfolio.

Construction teams are managing multiple projects in several locations at one time. Visibility and clear communication are strained by paper processes and manual data input.



TODAY'S CHALLENGE:

“The demand for infrastructure continues to expand; however, the construction industry is struggling to keep up. This is due largely to its inability to drive productivity gains due to data silos (30% of companies use applications that don't talk with one another) and poor-quality data (90% of data is not structured). It results in only 4% of available data actually being used by the project teams.¹”

TODAY'S OPPORTUNITY:

“The McKinsey Global Institute estimates that the world will need to spend USD 57 trillion on infrastructure by 2030 to keep up with global GDP growth. This is a massive incentive for players in the construction industry to identify solutions to transform productivity and project delivery through new technologies and improved practices.²”

The 3 Steps to Get There

Task and Model-based Workflows



The full scope of work between the project owner and contractor is covered within guided templates on a digital construction management platform.

Field Management



All data in a digital construction management platform is location-based and automatically includes current weather conditions.

Project Management



The digital construction management dashboard allows all team members to quickly view current projects and check on status, issues, and important updates.



Switch to Digital Construction Today

Sources:

1. The Construction Productive Imperative, The McKinsey Productivity Sciences Center, 2015
2. Imagining construction's digital future, McKinsey, 2016

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Bentley
Advancing Infrastructure