Connected Construction

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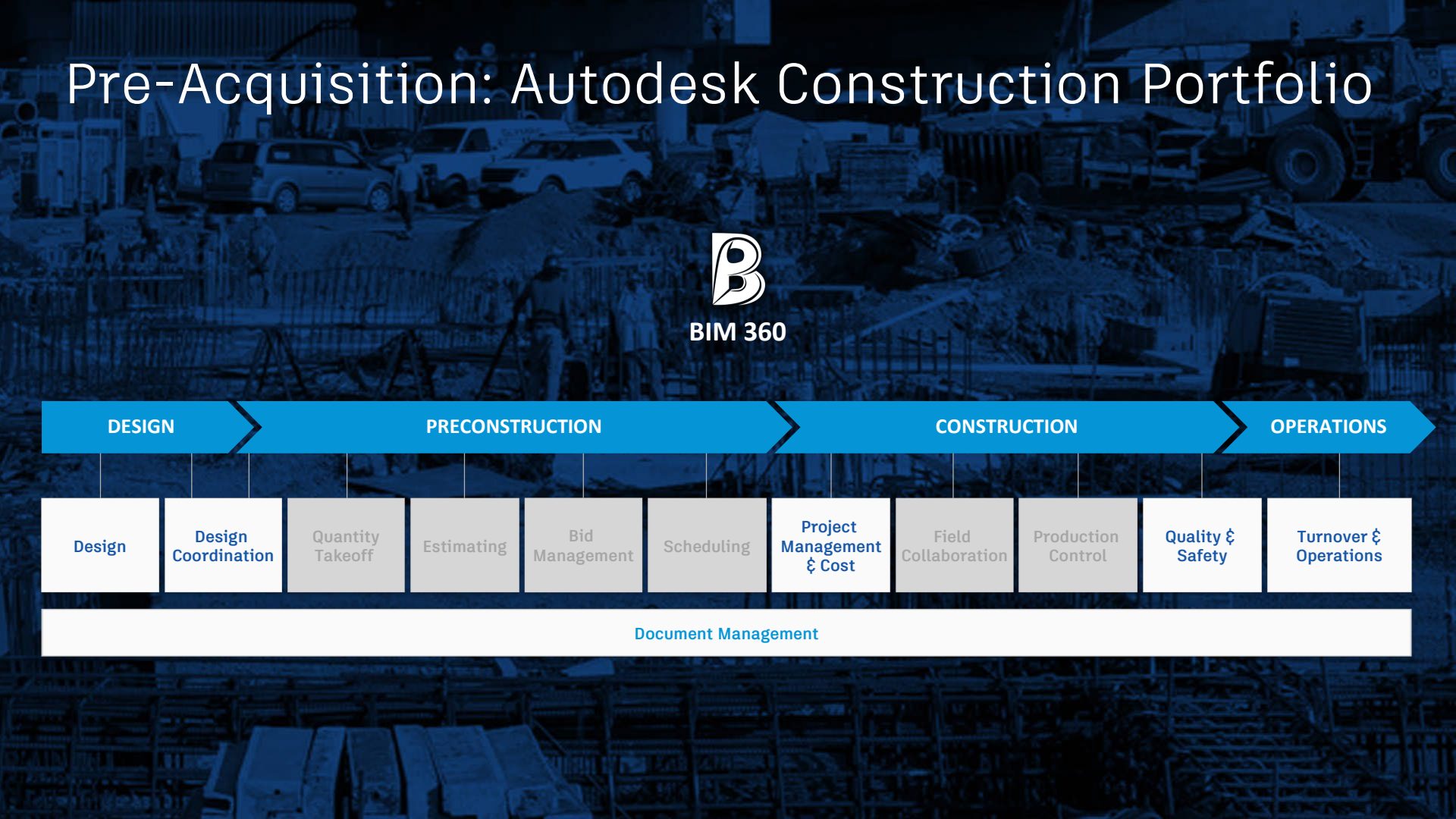
Our Mission

To help construction teams meet the world's rapidly expanding building and infrastructure needs, while making construction more predictable, safe and sustainable.

Pre-Acquisition: Autodesk Construction Portfolio



Autodesk Construction Portfolio

Assemble

BIM 360

BuildingConnected

PlanGrid

Design	Design Coordination	Quantity Takeoff	Estimating FORGE	Bid Management	Scheduling FORGE	Project Management & Cost	Field Collaboration	Production Control FORGE	Quality & Safety	Turnover & Operations

Document Management

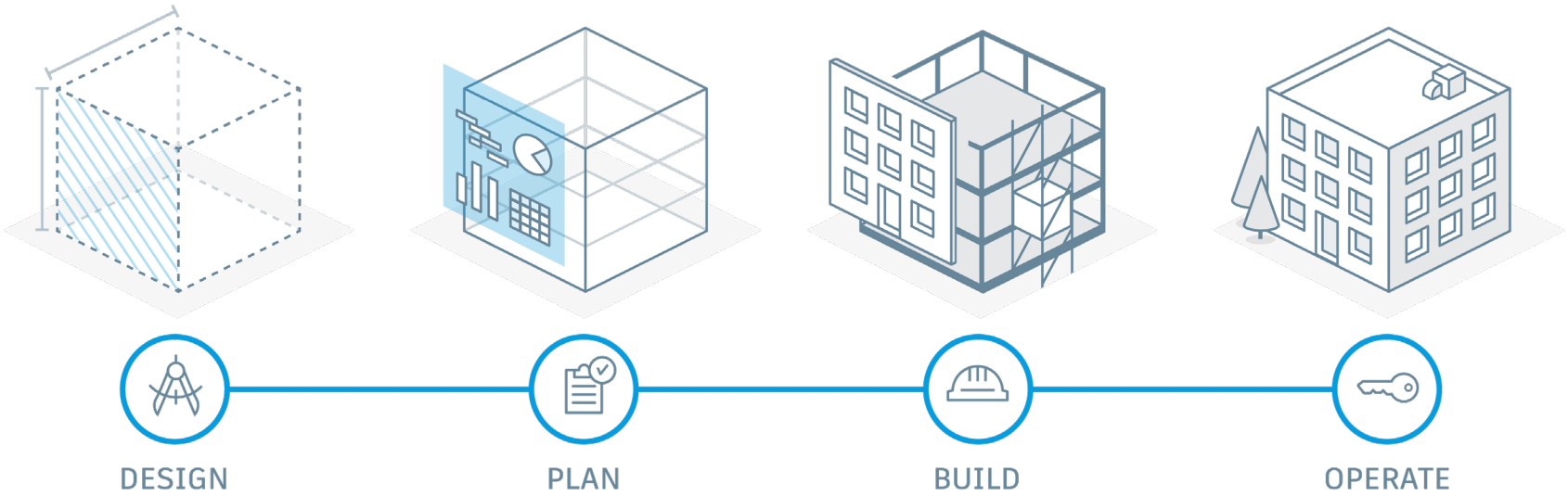
BuildingConnected Network

Predictive Analytics & Risk Management

DIGITIZE
INTEGRATE
OPTIMIZE

AUTODESK
CONSTRUCTION
CLOUD™

AUTODESK **CONSTRUCTION CLOUD**™



AUTODESK **CONSTRUCTION CLOUD**™

Advanced Technology

The tools you need for every phase of every project. Simple, yet powerful, and built to drive better decisions faster.

Builders Network

Instant connection to the best firms for every job, and the confidence to choose the right partner every time.

Predictive Insights

The power of machine-learning tuned for construction and tied to your data to find the patterns and risks that can help prevent problems, not just document them.

AUTODESK **CONSTRUCTION CLOUD**™

Assemble

Condition, query and connect BIM data to key workflows including design reviews, takeoffs, estimating, change and schedule management.

60,000+
models uploaded in the last year

BuildingConnected

Save time and increase accuracy in bidding and risk management workflows with the largest crowd-sourced construction network.

~50 Million
bid invitations sent out

BIM 360

Connect project teams and data to help reduce risk, improve quality, and deliver projects on time and budget.

~100,000
active projects in the last year

PlanGrid

Simple, powerful construction software that empowers teams to collaborate efficiently and access the record set from any device.

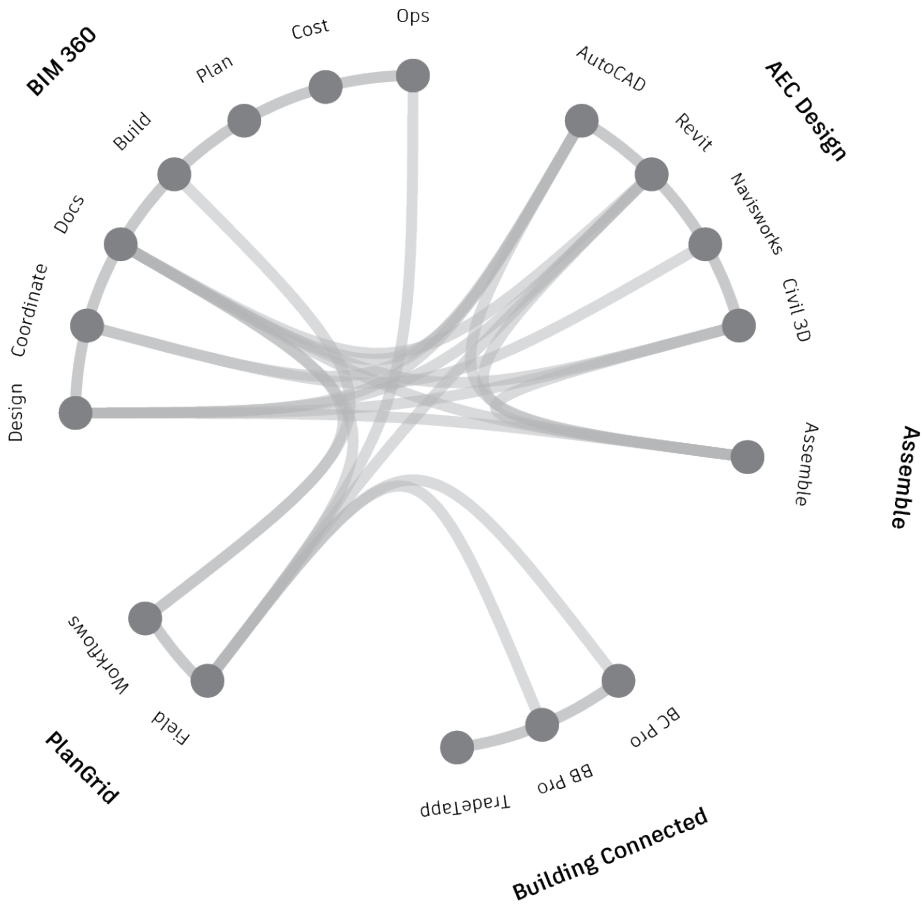
30+ Million
sheets uploaded in the last year

AUTODESK **CONSTRUCTION CLOUD**™

	DESIGN	PLAN	BUILD	OPERATE
Workflows	• Design Authoring • Design Collaboration	• BIM Coordination • Quantification • Bid Management • Qualification	• Project Management • Field Collaboration • Quality & Safety • Cost Control • Commissioning	• Facilities Maintenance • Asset Lifecycle
Shared Data	**Data** Models · Drawings · Issues · Specifications · RFIs · Cost · *Schedule* · *Progress* · Assets · As-Builts			
Insight	**Predictive Analytics & Risk Management** Predictive Analytics · Benchmark Reports · Mitigation Strategies			
Network	**Builders Network**			

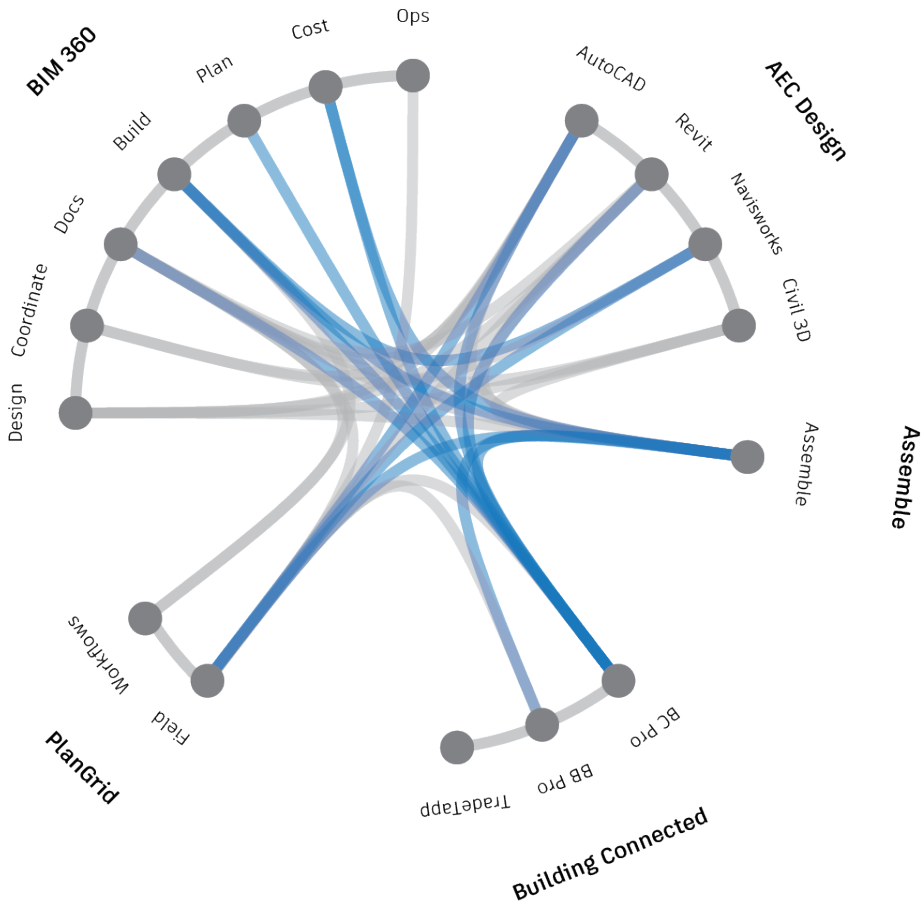
AUTODESK CONSTRUCTION CLOUD™

Integrations To Date



AUTODESK CONSTRUCTION CLOUD™

Integrations To Date
Planned Integrations



Breadth, Depth, Connectivity

JOERIS General Contractors

General Contractor

Background:

Joeris' diverse project portfolio includes work in the K-12 and religious markets – both highly competitive, marked by growing competition, and increasing timeline pressures.

Challenge:

Joeris was challenged with low adoption rates of the use of models during preconstruction in their markets.

Solution:

Joeris understood that using models during preconstruction results in shorter timelines, better collaboration and fewer risks downstream in construction. They strategically recognized that adding models in preconstruction workflows required a shift in staff mindset.

↓ 35%

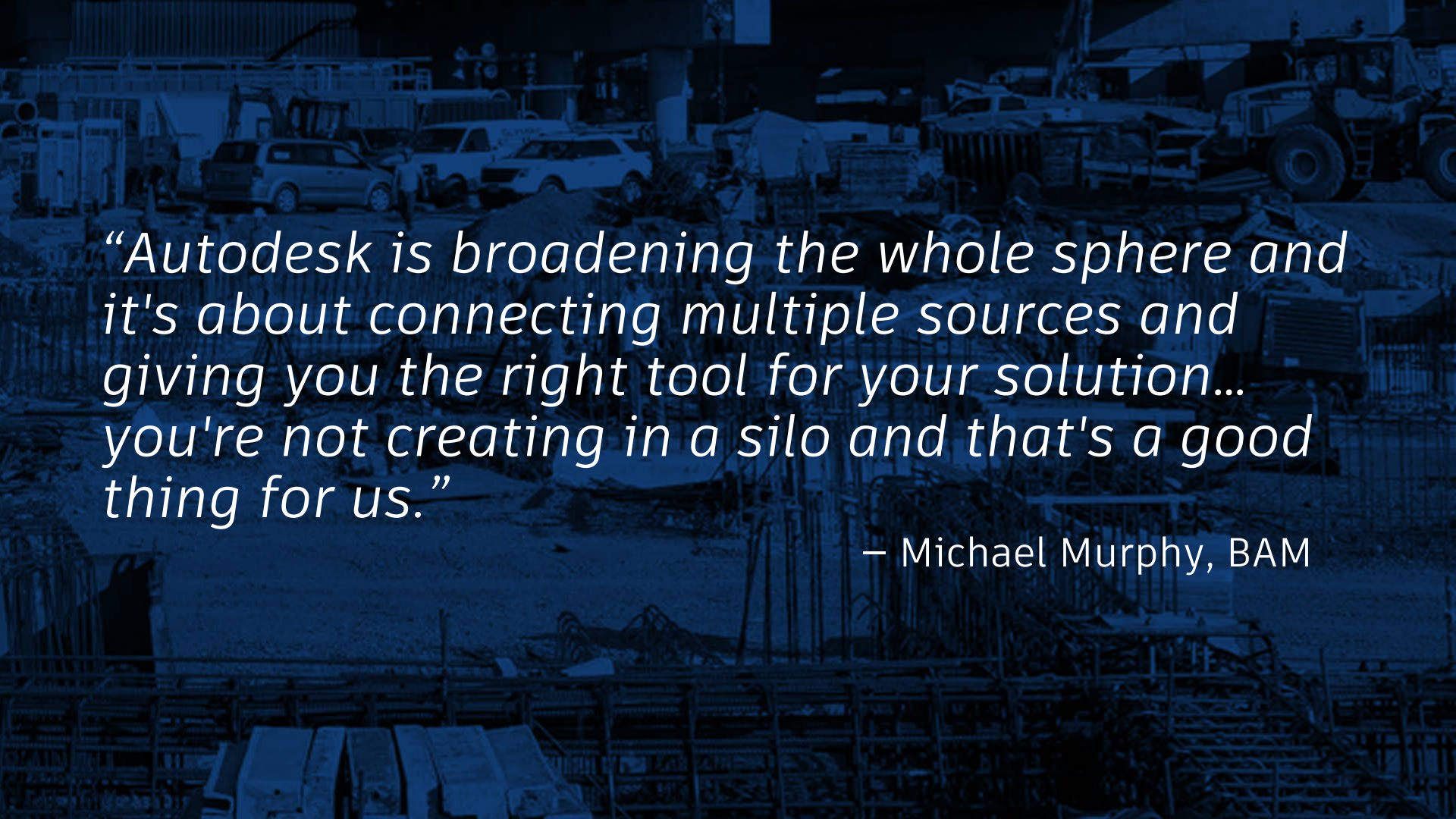
reduced takeoff time for variance reports with reliable models

↑ 15%

improved efficiency of estimating process

Key Features:

Assemble's 3D environment, quantity verification, Smart Sheets, & mobile access



“Autodesk is broadening the whole sphere and it's about connecting multiple sources and giving you the right tool for your solution… you're not creating in a silo and that's a good thing for us.”

– Michael Murphy, BAM

Subcontractors

The Autodesk Advantage

Leadership in Design and BIM

Breadth of Portfolio

Global Presence and Support

Enabling Convergence of Manufacturing and Construction

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Make anything™

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