

NORTHEASTERN UNIVERSITY

CUSTOMER STORY

Educating Our Future

Northeastern University

FACTS

- National research, practice-oriented, student centered, urban institution in Boston, Massachusetts
- Home to **18,600** undergraduate and **11,000** graduate students
- **7 million-square-foot** campus

DIRECTIVE & PROJECTS

- University has an endowment of **\$795 million**
- Program has about **280** capital projects every year ranging from **\$20,000 - \$400 million** in cost



No matter the project size or scope, our customer's depend on us to facilitate capital projects with quality, transparency, and efficiency - and often with limited resources."

Gary Younger —
Director of Program/
Project Controls

CHALLENGES



OBSOLETE AND INEFFICIENT

Overall obsolete program and project management practices



MINIMAL DOCUMENT MANAGEMENT

A shared drive, junk drawer approach to document management



DEPENDENT ON SPREADSHEETS

Relied solely on Excel spreadsheets to track project and program costs



SNEAKERNET ROUTING APPROACH

Sneaker net approach to route documents for approval





We needed a complete, centralized project controls system that tracks all aspects of our program from schedule and document management to automated reporting and dashboards.”

Gary Younger —
Director of Program/
Project Controls

SOLUTIONS



Replaced spreadsheet based workflow with Trimble Unity Construct™ Powered by e-Builder to automate nearly **9,000** business processes a year



Institute industry best practices through the use of automated business processes



Integrated Archibus with Trimble Unity Construct™ to capture University wide Capital Project Requests



BENEFITS

67 Days
a year
Repurposed

Save time & resources —

Repurposed 27 days a year that was used for manual system reconciliation and 67 days used to duplicate payment transactions in Banner Financials

\$9.8M
Saved in 2014

Project Management Insight —

Efficiency helped facilities save \$9.8 million in 2014 which allowed the University to invest in new and existing facilities

**Less
Risk**

Reduced Financial Risk —

The university experiences less risk because projects are consistently delivered safely, on-budget, and on-schedule



I couldn't imagine being without [Trimble Unity Construct] to deliver capital projects for the University, and for me personally, I don't think I would take another position that didn't have [Trimble Unity Construct] as a means to manage a capital program."

Gary Younger —

Director of Program/Project Controls

THE BIGGER PICTURE:

Asset Lifecycle Management

Once you digitize your construction project management, you can begin to connect all phases of the asset lifecycle, from design and construction through operations and maintenance. This strategic, holistic approach to infrastructure construction, management, and maintenance is known as asset lifecycle management.

Implementing digital project delivery in conjunction with enterprise asset management enables you to share data throughout the continuum of the asset lifecycle. By connecting data, technology, and processes across all phases of the asset lifecycle, you can improve project outcomes and lower total asset costs.

**Learn more about
asset lifecycle management.**

