



Digitizing Construction: How Autodesk and Aurigo are Investing in the Future of ConTech

Matthew Steere

Construction Industry Strategist,
Autodesk

Kevin Koenig

Chief Technology Officer,
Aurigo

Safe Harbor

This presentation may contain forward-looking statements about future results, performance or achievements, financial and otherwise, including statements regarding our guidance for our quarterly, annual and long-term financial results.

This presentation also may contain forward-looking statements about planned or future development efforts for our existing or new products and services. These statements are not intended to be a promise or guarantee of future delivery of products, services or features but merely reflect our current plans, which may change. Purchasing decisions should not be made based upon reliance on these statements.

These statements reflect management's current expectations, estimates and assumptions based on the information currently available to Autodesk. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause Autodesk's actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in this presentation. A discussion of the factors that may affect future results is contained in Autodesk's most recent SEC Form 10-K and Form 10-Q filings, including descriptions of the risk factors that may impact Autodesk and the forward-looking statements made in this presentation. If this presentation is reviewed after the time and date this presentation was first recorded, even if it subsequently is made available by Autodesk, on its Web site or otherwise, this presentation may not contain current or accurate information.

Autodesk disclaims any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.



About the speakers



Matthew Steere
Construction Industry Strategist, Autodesk

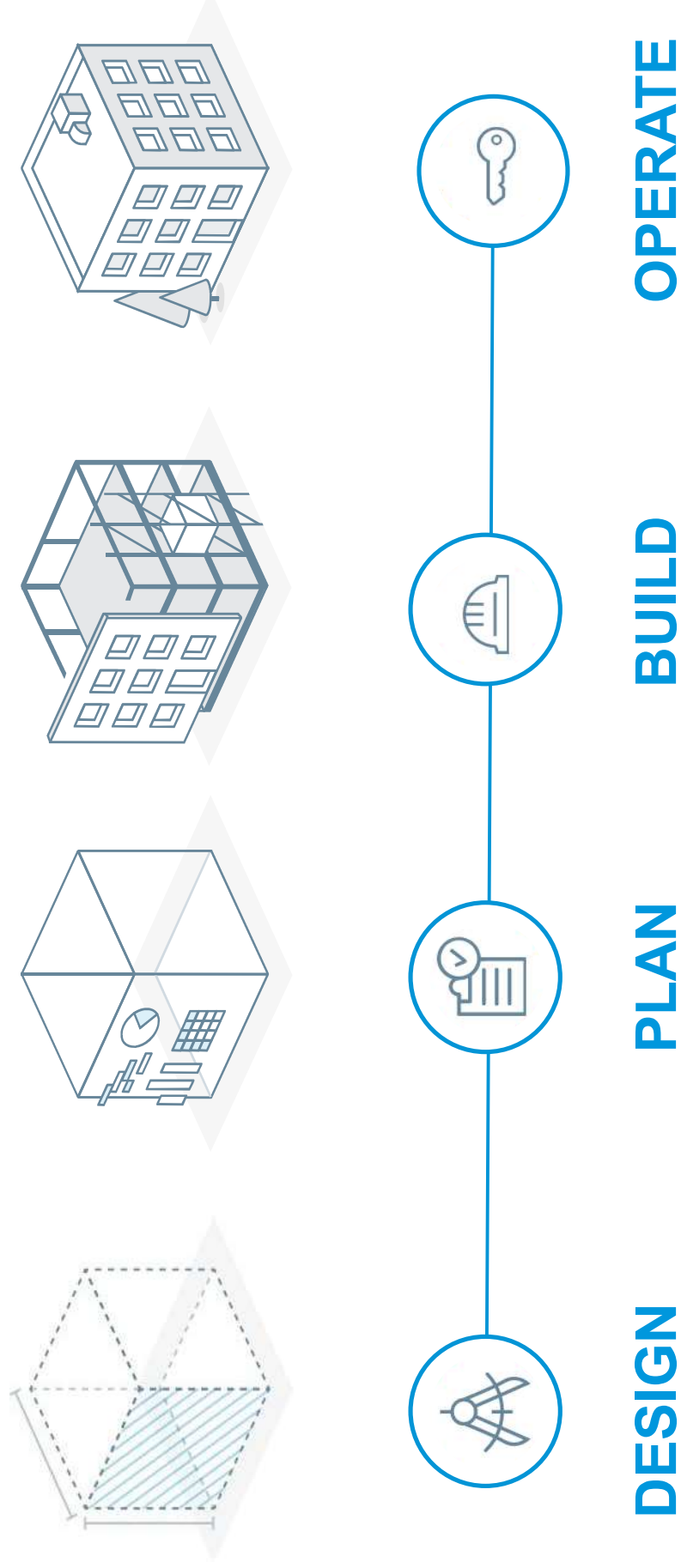
Matt has over 18 years of design, construction and technology experience.

Matt provides the construction industry strategy direction in North America for Autodesk. He has provided consulting outcomes for business process change within Autodesk construction customers. Prior to Autodesk, Matt has led multiple contractors in their technology strategy and implementation.



Kevin Koenig
Chief Technology Officer, Aurigo

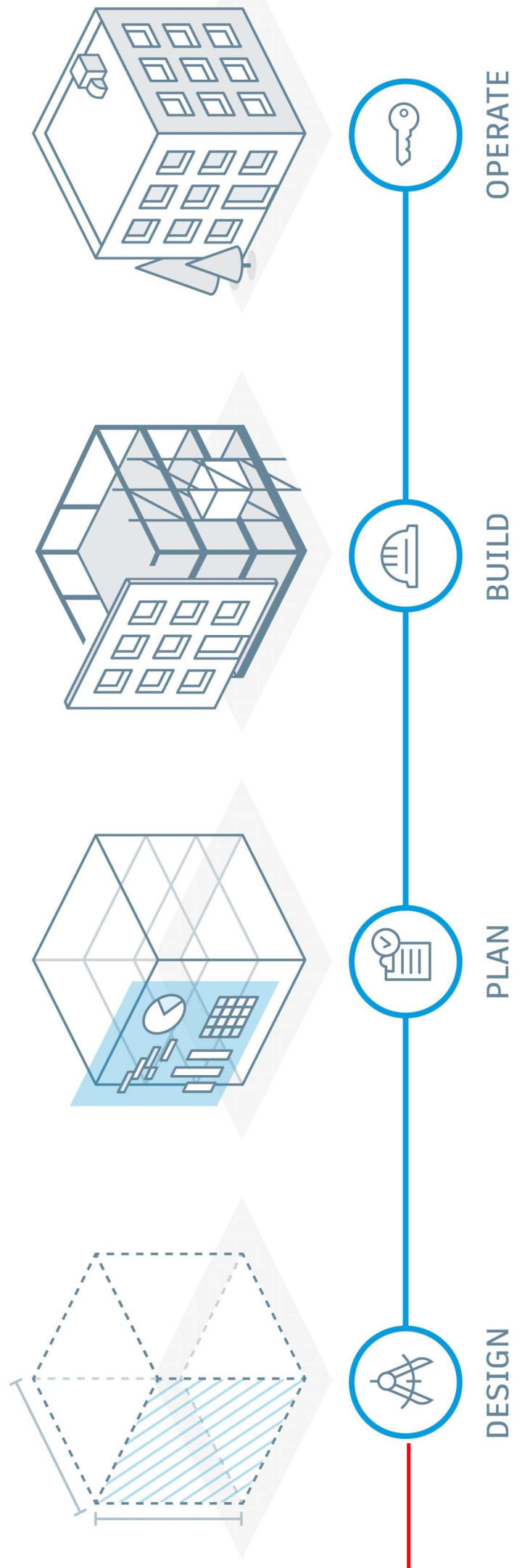
Kevin has over 25 years of experience in software engineering, business development and product management for software product businesses. At Aurigo, Kevin sets the overall technology and product direction, and helps evangelize the future of cloud technology solutions for capital infrastructure and facility owners. Prior to Aurigo, Kevin has held senior executive positions at Sasken Communications Technologies, Lucent and Ascend Communications.



Most powerful portfolio of construction management software products
supporting workflows spanning all phases of construction

Expanding Connected Construction

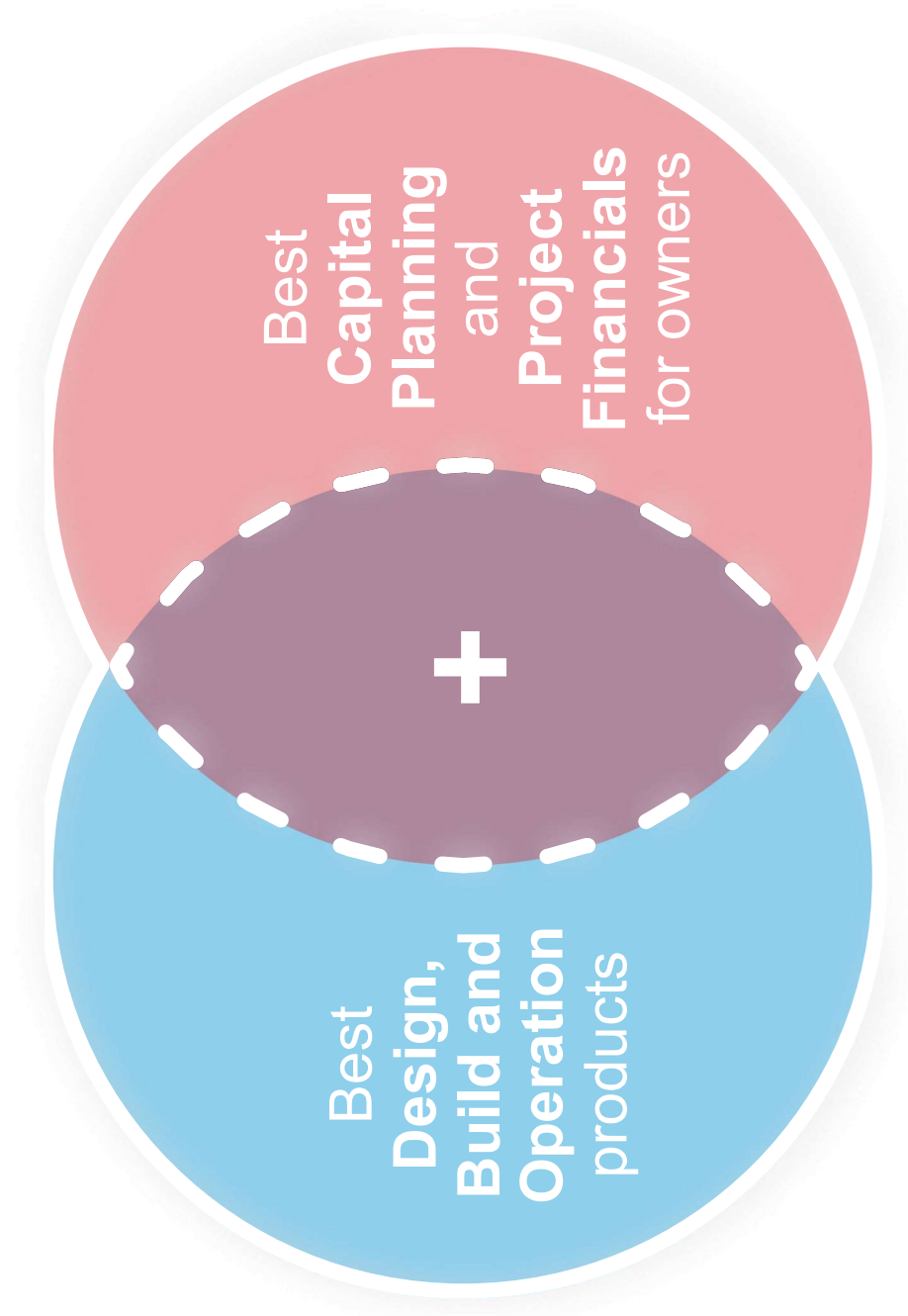
aurigo[®]



Autodesk + Aurigo

Why Autodesk + Aurigo?

Aurigo and Autodesk have joined forces to develop the most comprehensive set of cloud-based solutions for public and private owners. This partnership redefines the construction software landscape for both capital management and private development as Aurigo integrates with Autodesk Construction Cloud, giving owners a single technology platform for design, planning, construction and operations.

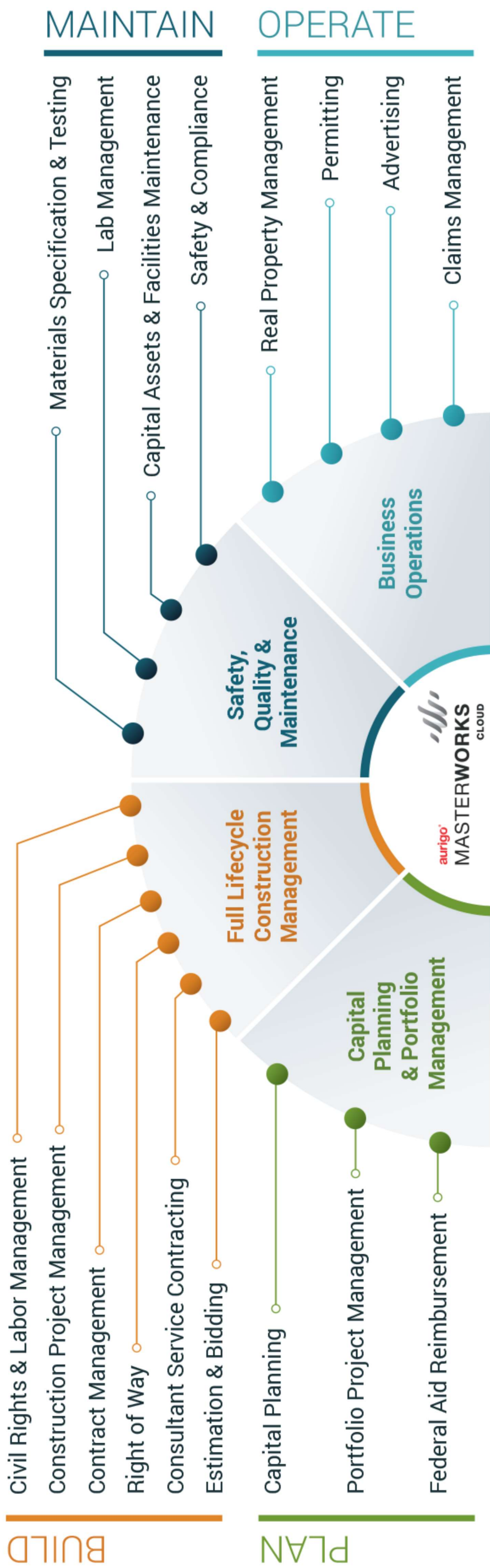


Capabilities	1 - Capital Projects - Capital Programs - Capital Funds - Design - Authoring - Design - Collaboration	- Model - Coordination - Model - Conditioning - Quantification - Bid Management - Qualification	- Project Management - Project - Financials - Field - Collaboration - Quality & Safety - Commissioning	- Facilities Maintenance - Asset Lifecycle
Shared Data	Data Models · Drawings · Issues · Specifications · RFIs · Cost · Assets · As-Built			
Insight	Predictive Analytics & Risk Management Predictive Analytics · Benchmark Reports · Mitigation Strategies			
Network	Builders Network			

15+ Years of Public Agency Experience



A full suite of products to plan, build, maintain and operate



MASTERWORKS CLOUD PLATFORM

Document Management • Workflow Engine • Mobile Applications • Reporting & Analytics • Artificial Intelligence • API

A+A Partnership Offerings

MASTERWORKS AND AUTODESK DESIGN INTEGRATION

Bring together Autodesk design
tools with Masterworks

Integrate Masterworks and Autodesk

design products:

- End-to-end digital connected workspace
- Ability to view AD design and engineering files inside Masterworks

MASTERWORKS CONNECTOR TO PLANGRID

Connecting owners working in
Aurigo Masterworks with their
contractors working in PlanGrid

Seamless collaboration between

owners and their contractors:

- Contractors and owners can share and collaborate on RFIs, issues, and documents
- Eliminates duplicate entry into Masterworks

CAPITAL PLANNING FOR AUTODESK CONSTRUCTION CLOUD

Adding capital planning and project
financials capabilities to the unified
ACC product creates a complete
digital lifecycle solution for owners

Owners get full digital lifecycle

management:

- Enriched construction project management functionality
- New capital planning and project financials
- Enriched project reports and dashboarding

Aurigo Masterworks + Autodesk Design and Construction Tools

Integrated planning, design and construction management for large public agencies, private owners, and contractors

- Advanced capital planning and project financials capabilities
- Integrated design and engineering reviews
- Robust construction project management that lets you manage resources, contracts, costs, and schedules
- Automated quantification
- Full process automation for contractors
- Centralized document management and reporting



Autodesk Design Tools Integration with Masterworks

The screenshot displays the MasterWorks software interface. At the top, there's a navigation bar with icons for file operations and a search bar. Below it, a sidebar contains a 'PROJECTS' section with a tree view listing various projects like 'Caver Street Extension' and 'East Keysville Road Over West Branch'. The main workspace is divided into two panes. The left pane shows a 'DRAWINGS' section with a list of drawing files, each accompanied by a thumbnail and metadata such as name, extension, title, created date, and modified date. The right pane shows a 'WORKFLOW' section with a list of workflow items, each with a status indicator and a user name. The bottom of the screen features a taskbar with several application icons and a system tray.

A+A Partnership Offerings

MASTERWORKS AND AUTODESK DESIGN INTEGRATION

Bring together Autodesk design
tools with Masterworks

Integrate Masterworks and Autodesk

design products:

- End-to-end digital connected workspace
- Ability to view AD design and engineering files inside Masterworks

MASTERWORKS CONNECTOR TO PLANGRID

Connecting owners working in
Aurigo Masterworks with their
contractors working in PlanGrid

Seamless collaboration between

owners and their contractors:

- Contractors and owners can share and collaborate on RFIs, issues, and documents
- Eliminates duplicate entry into Masterworks

CAPITAL PLANNING FOR AUTODESK CONSTRUCTION CLOUD

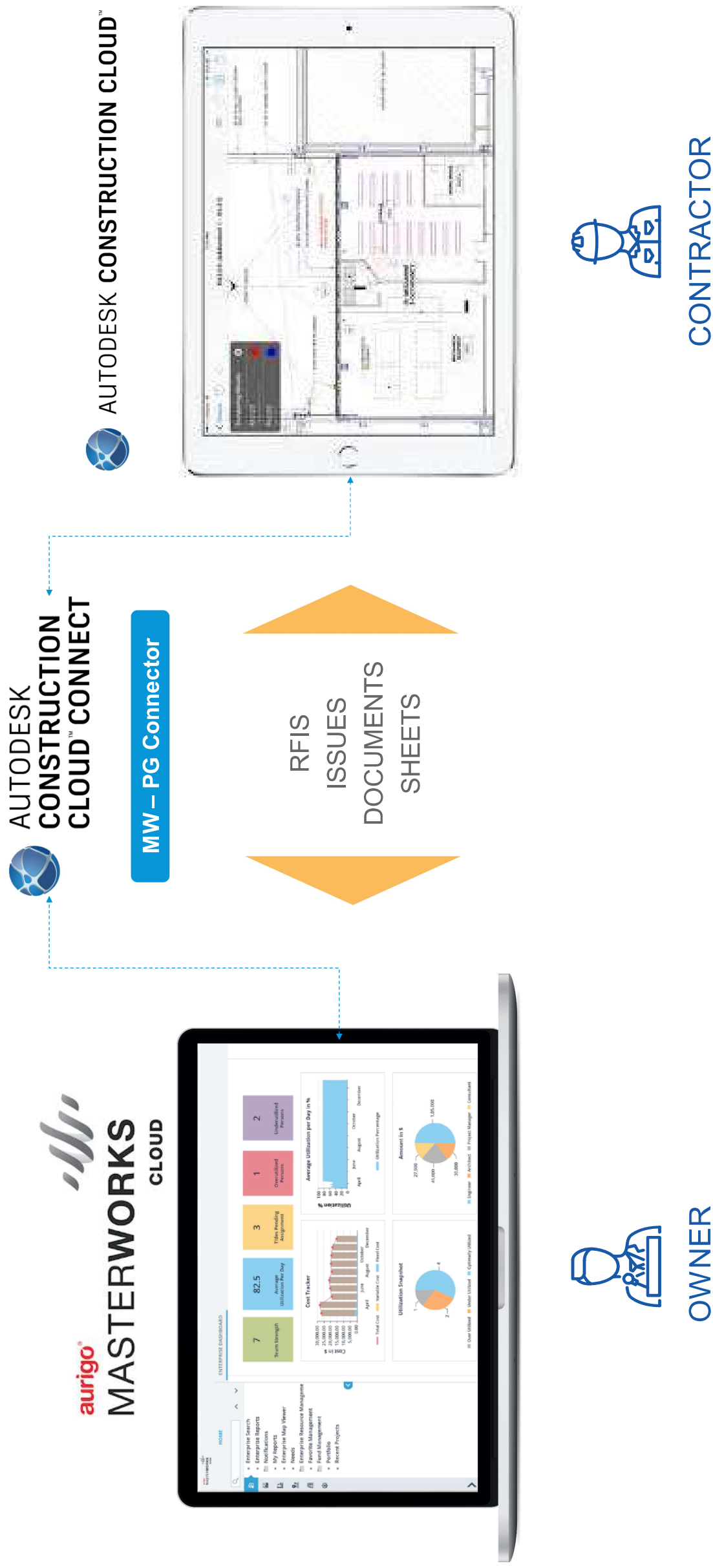
Adding capital planning and project
financials capabilities to the unified
ACC product creates a complete
digital lifecycle solution for owners

Owners get full digital lifecycle

management:

- Enriched construction project management functionality
- New capital planning and project financials
- Enriched project reports and dashboarding

Integration Overview



Masterworks connector to PlanGrid

Enables seamless collaboration between owners and contractors using PlanGrid

FOR OWNERS

- Get better data and reduce project risks with connected contractors
- Help construction teams be more productive and ensure everyone’s always on the current set
- Collect accurate data from construction sites as they’re being built
- Ensure there are no data leaks or data delays

FOR CONTRACTORS

- Submit data directly to the project owner in Masterworks
- Real-time access to the owner’s project information
- Save the time, effort, and error risk of duplicate entry



Masterworks connector to PlanGrid



PLANGRID
Aurigo Integration

A+A Partnership Offerings

MASTERWORKS AND AUTODESK DESIGN INTEGRATION

Bring together Autodesk design
tools with Masterworks

Integrate Masterworks and Autodesk

design products:

- End-to-end digital connected workspace
- Ability to view AD design and engineering files inside Masterworks

MASTERWORKS CONNECTOR TO PLANGRID

Connecting owners working in
Aurigo Masterworks with their
contractors working in PlanGrid

Seamless collaboration between

owners and their contractors:

- Contractors and owners can share and collaborate on RFIs, issues, and documents
- Eliminates duplicate entry into Masterworks

CAPITAL PLANNING FOR AUTODESK CONSTRUCTION CLOUD

Adding capital planning and project
financials capabilities to the unified
ACC product creates a complete
digital lifecycle solution for owners

Owners get full digital lifecycle

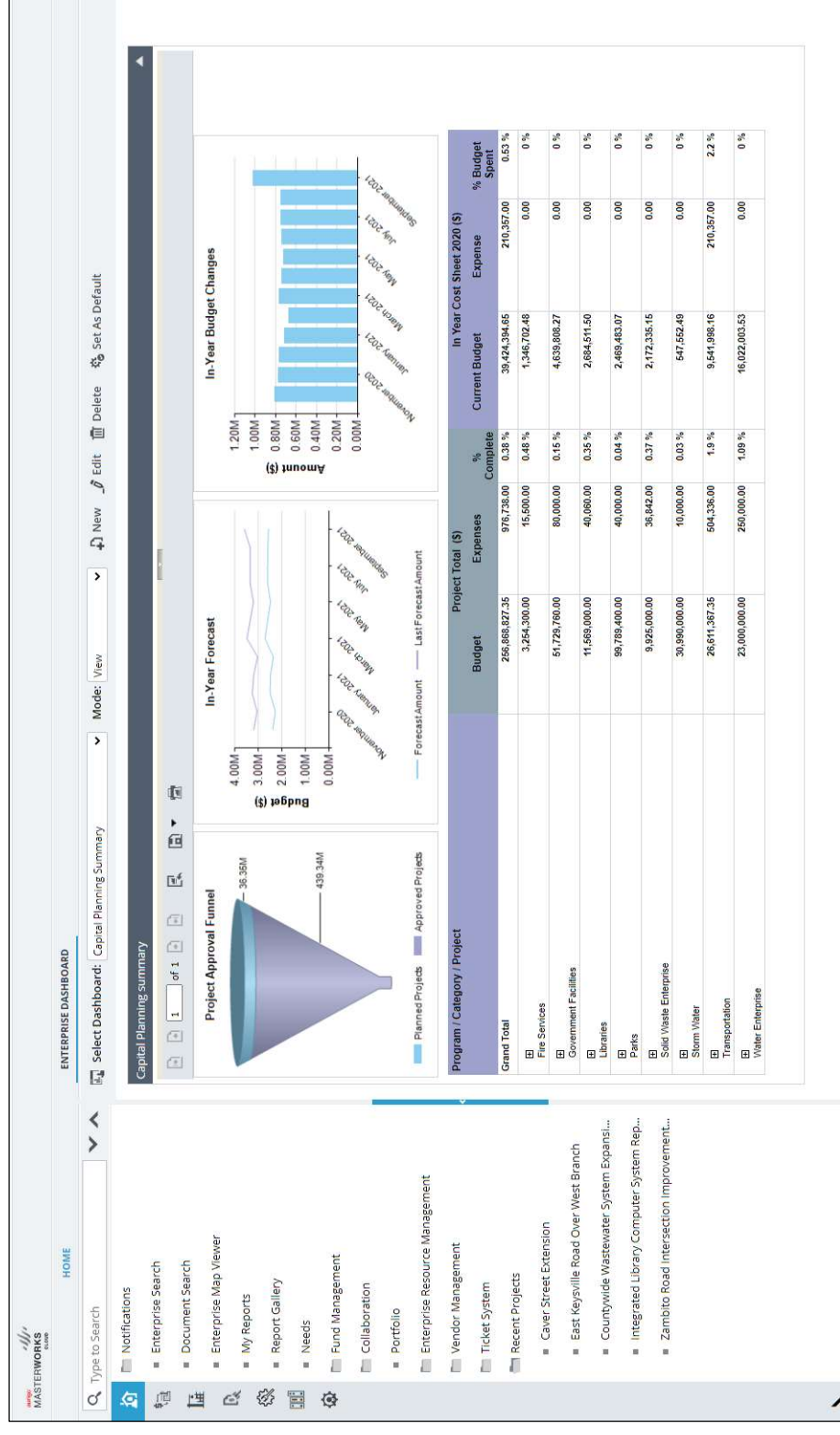
management:

- Enriched construction project management functionality
- New capital planning and project financials
- Enriched project reports and dashboarding

Capital Planning for Autodesk Construction Cloud

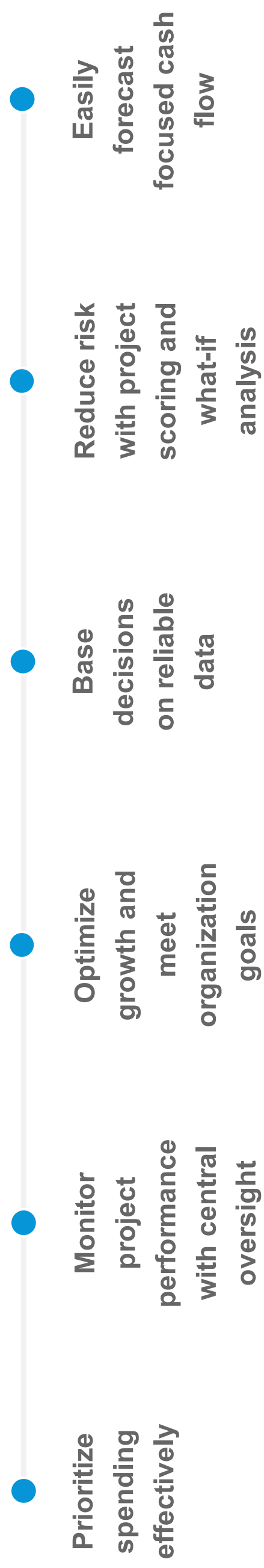
A complete digital construction lifecycle solution for owners

- New capital planning and owner-centric project financials capabilities
- Project is managed in ACC from conception to closeout
- Unified UI/UX
- Centralized document management and program- and project-level dashboarding and reporting

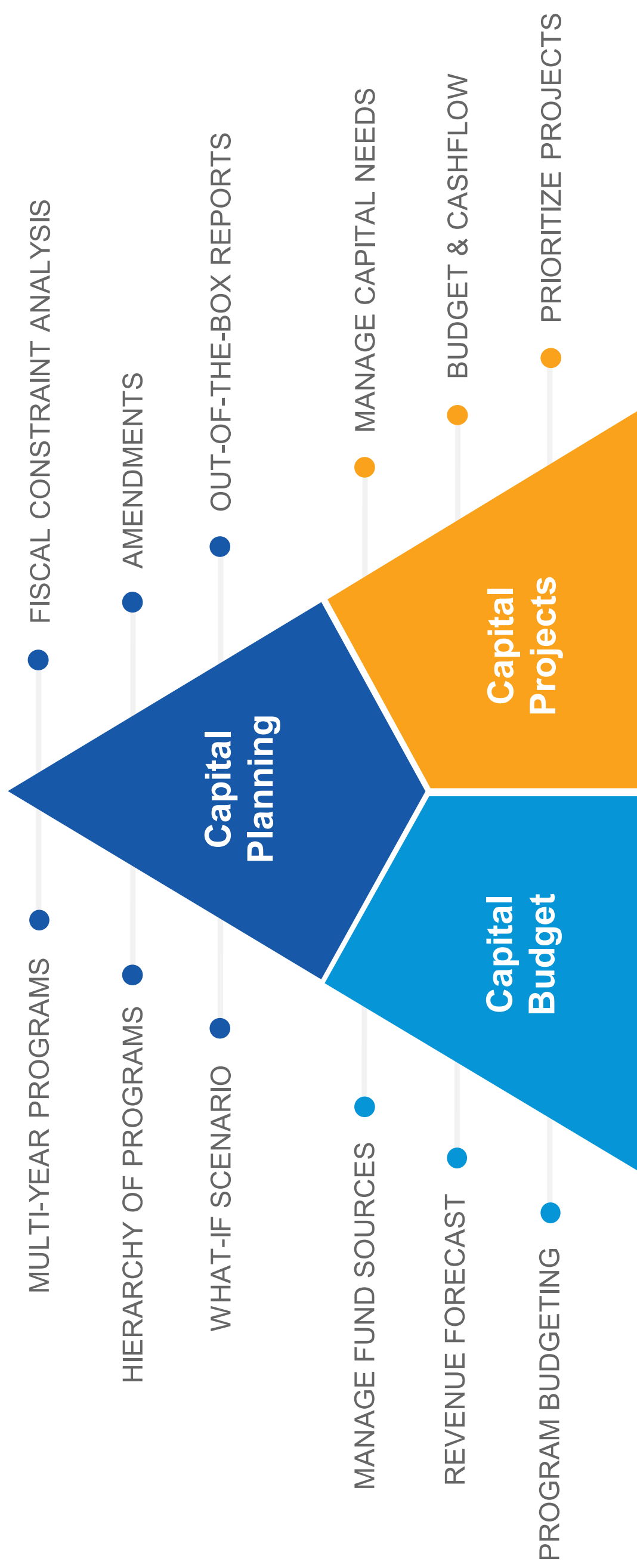


Capital Planning

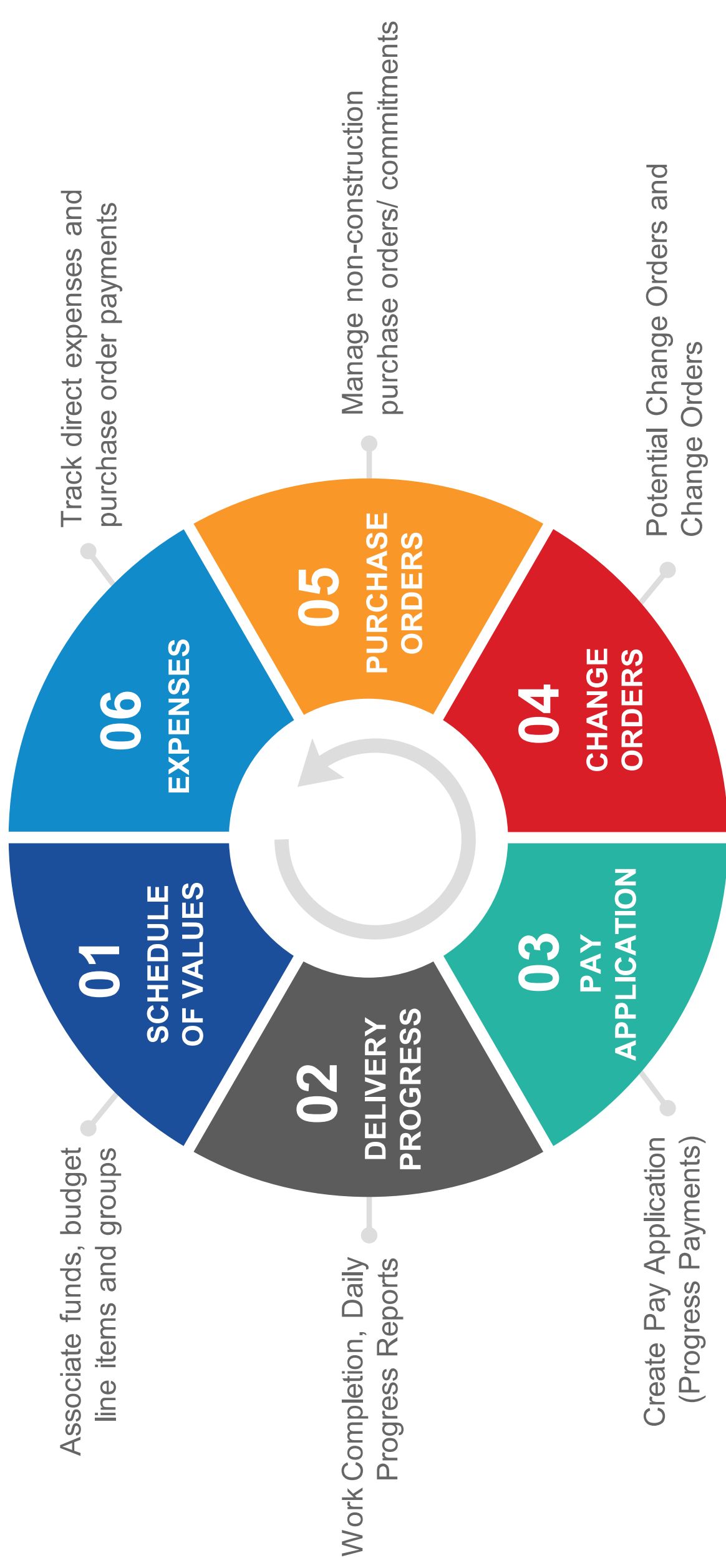
Prioritize your capital projects effectively and align your capital expenditure to your business growth strategy



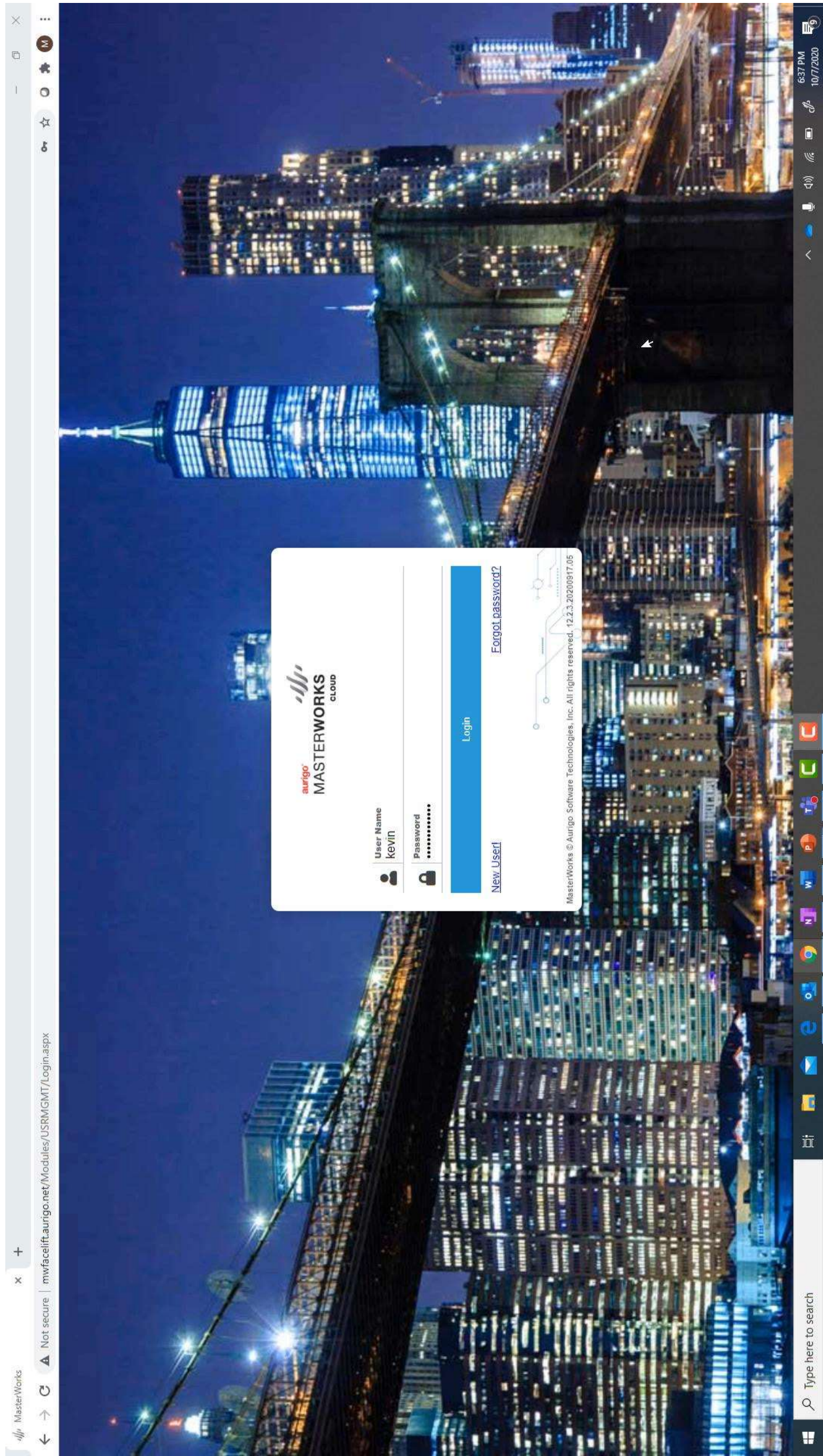
Capital Planning



Project Financials



Capital Planning and Project Financials





Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2020 Autodesk. All rights reserved.

