

What's Next for Construction Technology in 2026

December 2025

Trimble
Construction One™











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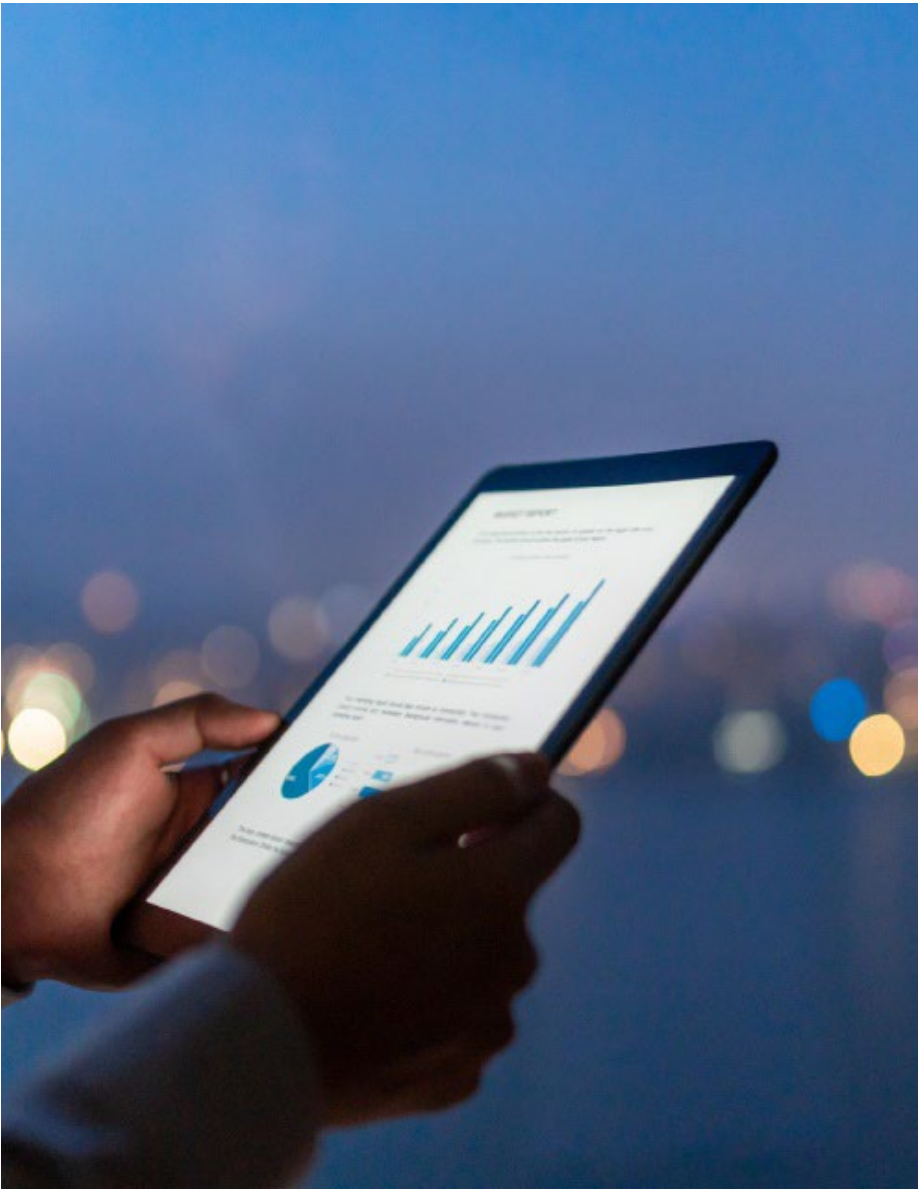
Business Technology Services

We solve for business challenges & support innovation through technology solutions.

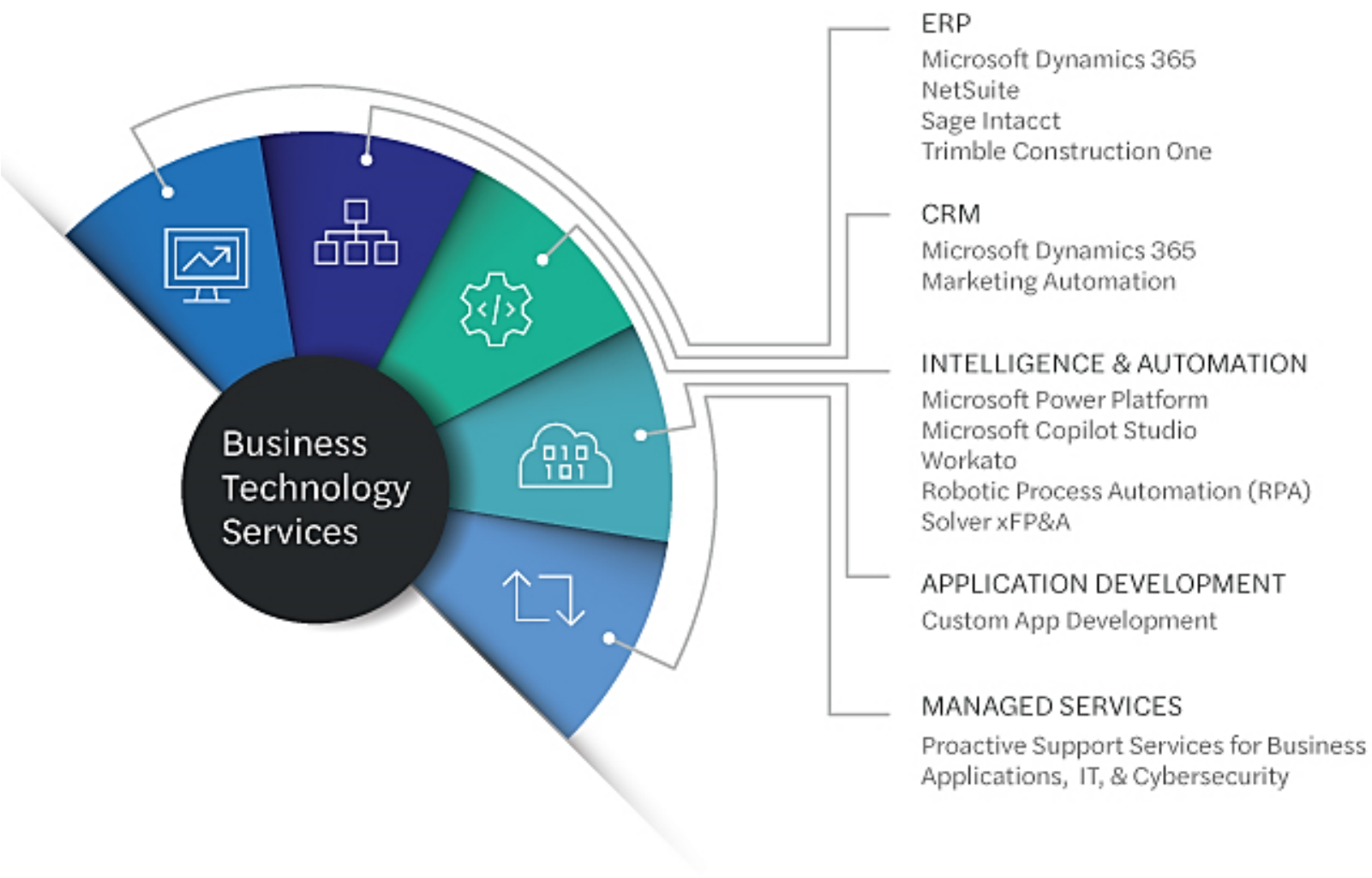
Our toolbox is equipped with leading enterprise resource planning (ERP), customer relationship management (CRM), artificial intelligence (AI), automation, & business intelligence (BI) tools.

Our end-to-end technology solutions & managed services help clients achieve their digital transformation goals. Services include:

- | | | | |
|--|--------------------------------------|---|--|
|  | Solution Assessment & Selection |  | Implementation Project Rescues |
|  | System Implementation & Integration |  | Business Intelligence (BI) & Analytics |
|  | Process & Technology Design |  | Robotic Process Automation (RPA) |
|  | Upgrades, Enhancements, & Automation |  | Custom Application Development |
|  | Training, Monitoring, & Support |  | IT & Cybersecurity Managed Services |



Premier Technology Partnerships



Microsoft Partner





Steve Maddox

Managing Director

Construction Technology Services



Jim Wagner

Managing Director

Construction Technology Services

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Our Purpose

A Blueprint for the Journey



Helping Contractors Use Technology Effectively



THE **50**
TOP
CONSTRUCTION
ACCOUNTING FIRMS
FORVIS MAZARS

CE CONSTRUCTION
EXECUTIVE

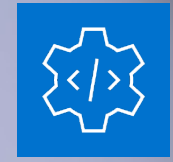
TOP 3 | 2021 - 2025

Construction Technology How We Help

**Deliver Results
Exceed Expectations**



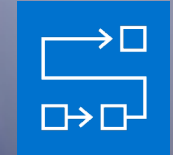
**SOFTWARE
SELECTION**



**SOFTWARE
IMPLEMENTATION**



**SOFTWARE
OPTIMIZATION**



**EXECUTE
ROADMAP**



USER ADOPTION



TECH ASSESSMENTS

Learning Objectives

1. Describe some of the biggest tech trends impacting construction in 2026
2. Explain how Trimble Construction One is enabling connected, data-driven workflows
3. List lessons & highlights from Trimble Dimensions you can apply today

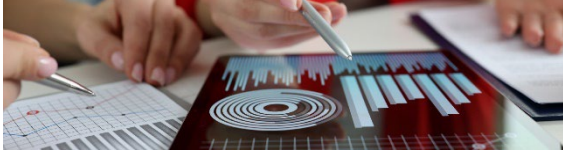


Agenda

1. The Role of Construction Technology
2. Why Now & What's Coming in 2026
3. The Rise of AI & Agents
4. Pilot Programs
5. Robotics & Automation
6. Looking Ahead: Trimble Construction One
7. Strategic Considerations & Recommended Actions



The Role of Construction Tech



Required to Compete

Due to margin pressure, labor shortages, & a productivity gap, construction tech is more than a “nice to have”—it’s required to help increase productivity, mitigate risk, & provide improved project & organizational control.

Attracts Talent

Delaying digital transformation could impact your overall competitiveness, ability to attract & retain talent, & project outcomes.

Outperform Peers

Studies show that technology- & data-driven companies perform better—higher profitability, adapt to changing conditions, & operate more efficiently.

Accelerating Pace

Construction technology is accelerating at a rapid pace, & for innovative companies, the benefits can be transformative.

Why Now?

2026 Inflection

- Tight margins, labor constraints, & complex delivery require system-first workflows
- AI agents automate routine tasks, like manual reconciliation, & accelerate decisions from field to finance
- Users expect transparency, traceability, & near-real-time reporting

“

Connected data beats disconnected effort—every time.



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The Turning Point AI & Competitive Advantage



AI is transforming business.

AI Adoption & Connected Workflows in Construction

- 2025 marked a **turning point for construction**, with rapid AI adoption now essential for competitive advantage
- **Cultural shift:** Firms are embedding innovation, digital growth, & collaboration into daily processes
- **Connected workflows** improve efficiency, reduce rework, & enhance decision making across all phases
- AI & digital workflows help **tackle project complexity**, tight margins, & demands for transparency & speed

“

Be the engine, not the
caboose.

Practical Applications of AI

AI in Construction Workflows

AI helps reduce manual tasks & improve accuracy in construction, streamlining workflows for better outcomes.

Virtual Walkthroughs & Documentation

Trimble® ProjectSight 360 Capture links visual data to RFIs & change orders, enabling verifiable documentation.

AI-Assisted Job Costing

AI tools enable quick budget comparisons, discrepancy identification, & invoice verification for financial accuracy.

Agentic AI for Automation

Agentic AI automates repetitive tasks, streamlines asset maintenance, & converts voice memos to updates.



Improving Accuracy & Reducing Risk

WIP & Revenue Accuracy

Connected workflows link field evidence with financial data to reconcile WIP accurately to the trial balance.

Support for Complex Calculations

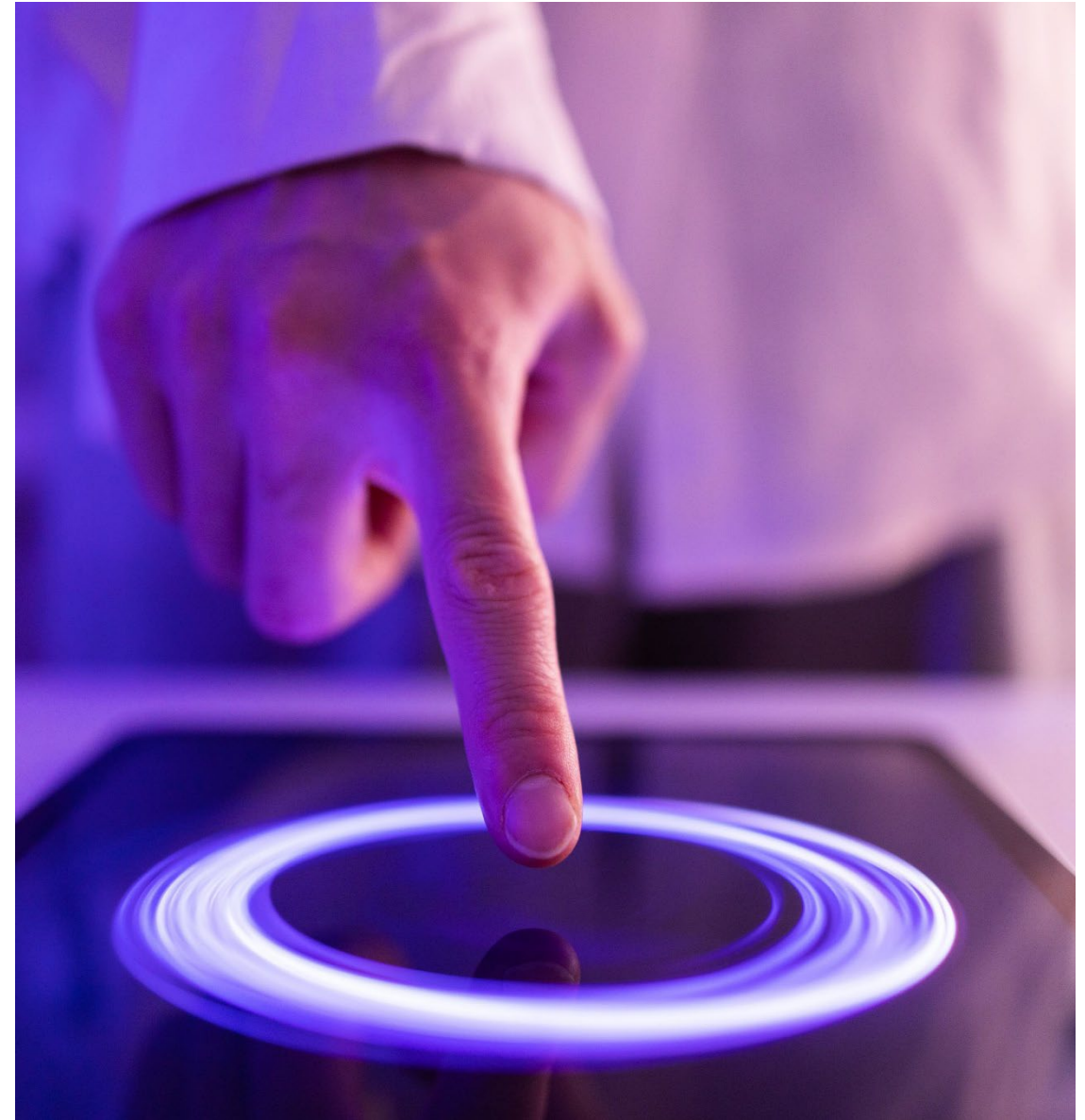
Integration supports percentage-of-completion calculations, change order timing, & variable consideration assessments.

AI-Driven Anomaly Detection

AI agents flag mismatched invoices & unapproved work early, enabling proactive issue resolution before closing.

Risk Reduction & Transparency

Embedding validation in daily processes reduces audit risk, improves transparency, & provides defensible documentation.



What You Will See in 2026 ...

“In-Application AI”



Vendors are introducing **AI** **into their applications** that leverage the data within their platforms.

Agentic AI



Both inside applications & as a data framework, AI tools can work across applications, will become more accessible, & will include more **standard use cases** with their initial rollouts.

Smart Tools & Robotics



Smart tools & robotics, which leverage larger data sets, sensors, & in some cases their own AI tools, will become more widely available, **with more features**. Some will be semi-autonomous; others will be “**cobots**” that work alongside your labor force to help improve output, safety, & productivity.

Jobsite Intelligence



Jobsite intelligence will become the norm – **embedded sensors on equipment, tools, wearables, & jobsite networks** to allow for real-time data capture & response.

What You Will See in 2026 ...

Cost Effectiveness



The beginning of **cost-effective & more intelligent jobsite robotics**. These construction tools can leverage LLMs & on-site data to aid construction teams throughout the construction process—both in capturing data as well as working alongside field workers.

New Investments



Significant investments are now being made in **Field Foundation Models (FFMs)**, through companies like **Field AI** that could be truly transformative in our industry in the years ahead. Initial outlay & scale are not there yet, but adept companies are staying engaged, listening, & learning about these initiatives.

Adoption



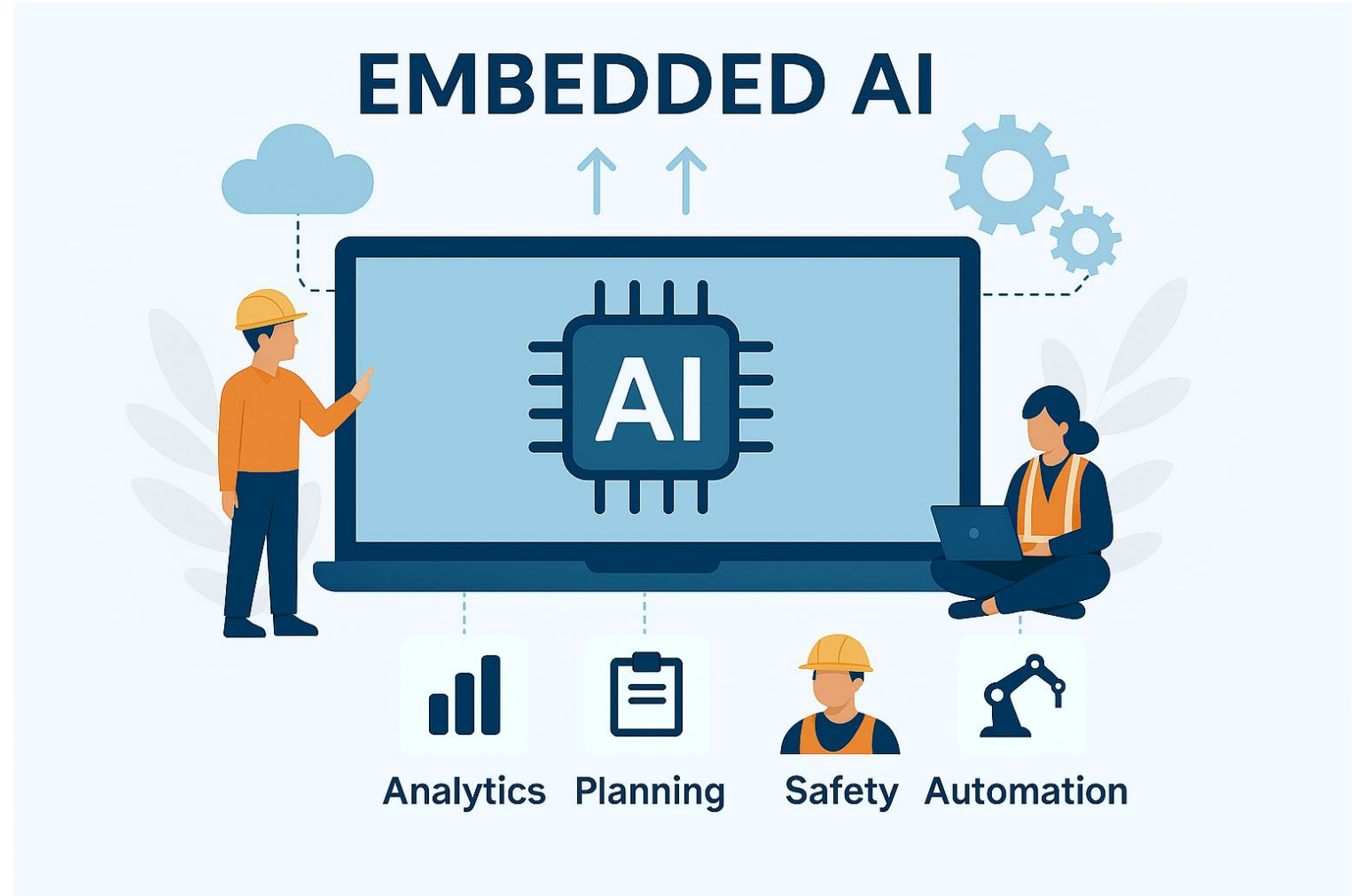
Adoption will be key: the issues will change from “product” related to **more people related**. More companies will be **moving from piloting AI & automation projects to full deployment—**with a focus on how they can prepare their organization to **adopt** technology in a way that delivers value for the business.

Data Automation



The “**beginning of the end**” for data entry clerical work – more companies will be **upskilling employees as they move away from tasks that are easy for AI agents** to perform, & leverage resources on analysis & action-oriented tasks & responsibilities.

Embedded AI at Work



Embedded AI in Construction Tech

- **AI-Powered Project Planning**

AI algorithms analyze historical data, weather forecasts, & resource availability to create optimized project schedules, improving overall efficiency.

- **AI-Driven Estimating & Budgeting**

AI models scrutinize past project data, material costs, & labor rates to provide accurate cost estimates & budgeting, reducing the risk of budget overruns.

- **AI-Powered Predictive Maintenance**

Equipment management software equipped with AI can predict equipment failures & maintenance needs, enabling proactive maintenance strategies to minimize downtime & improve asset utilization.

- **AI-Enabled Site Monitoring**

AI-powered cameras & sensors on construction sites analyze real-time data to detect safety hazards, monitor worker productivity, & provide automated progress reports.

- **AI-Driven Supply Chain Optimization**

AI algorithms analyze supply chain data to forecast material demands, optimize inventory management, & streamline logistics, helping ensure timely material deliveries & reduced waste.

Predictive Equipment Maintenance With AI

Predictive Maintenance Algorithms

AI-powered equipment software utilizes advanced predictive maintenance algorithms to **analyze equipment & asset performance data**. These algorithms identify patterns & anomalies, enabling **early detection of potential issues** before they lead to costly breakdowns.

Sensor-Driven Monitoring

Equipment software integrates with a network of sensors installed on equipment & assets, continuously collecting **real-time data** on performance, vibration, temperature, & other critical factors. AI models use this data to predict the **optimal maintenance schedules & interventions**.

Proactive Maintenance Scheduling

By leveraging AI-powered predictive analytics, equipment software can automatically generate **optimized maintenance schedules**, helping preventive and corrective actions be taken at an optimal time to **improve asset lifespan & reduce downtime**.

Improved Efficiency & Cost Savings

The AI-driven predictive maintenance capabilities lead to significant improvements in **equipment uptime, reduced maintenance costs, & extended asset lifecycles**, helping to enhance the overall efficiency & profitability of construction projects.

AI-Driven Project Management

Automated Scheduling

AI algorithms analyze project requirements, resource availability, & historical data to generate optimized construction schedules, decreasing delays & improving project timelines.

Resource Allocation

AI-powered software dynamically allocates construction resources, such as labor, equipment, & materials, based on real-time project status, promoting efficient utilization & reduced wastage.

Risk Identification

AI models continuously monitor project data, identifying potential risks & bottlenecks, allowing project managers to proactively address issues before they escalate.

Progress Tracking

AI-driven construction software leverages computer vision & IoT sensors to track project progress, providing accurate, real-time updates on task completion & identifying areas that require attention.

Predictive Analytics

AI algorithms analyze historical data & project parameters to predict future project outcomes, enabling construction managers to make informed decisions & improve resource utilization.

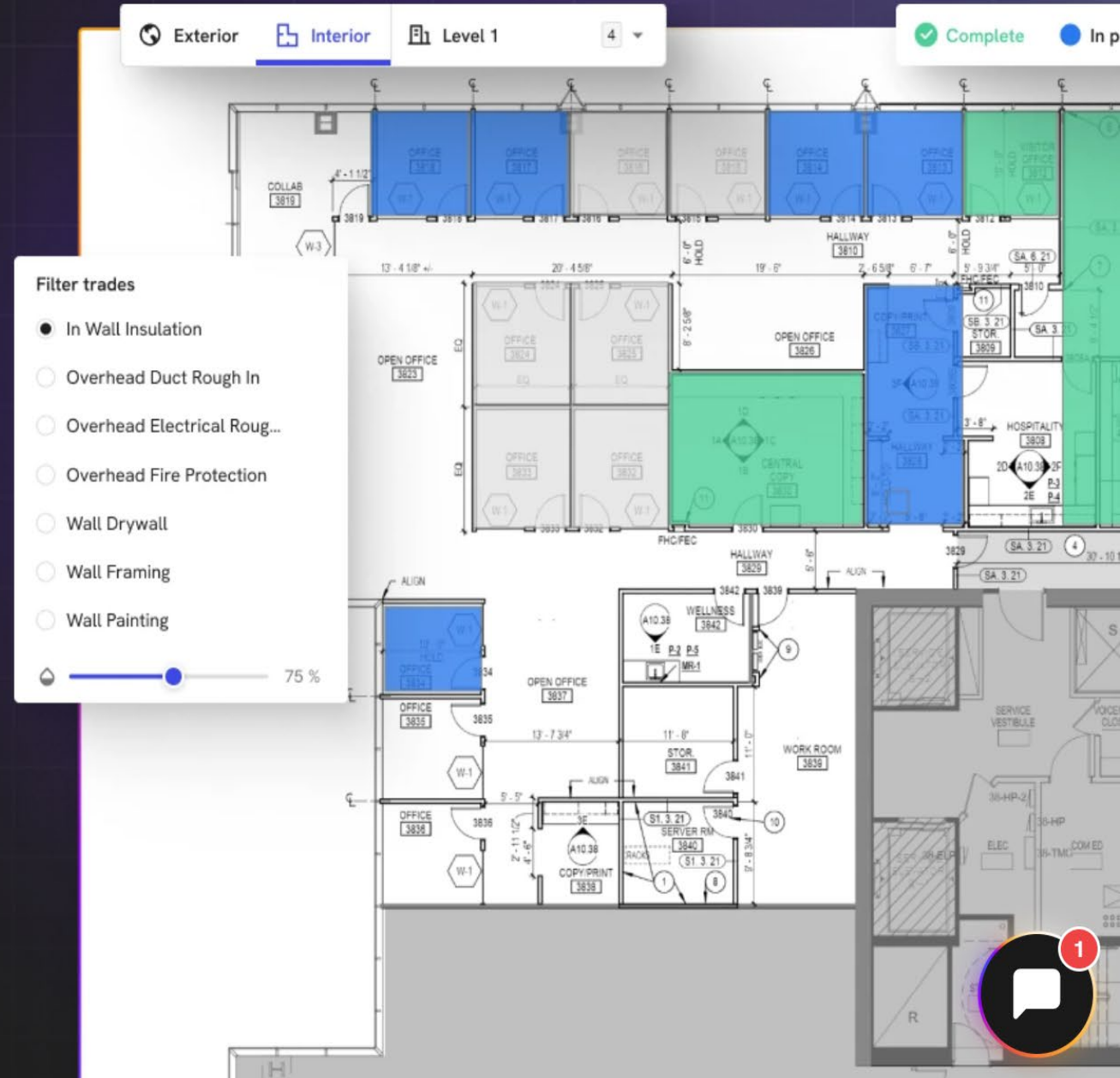
✨ AI at DroneDeploy

Turn mountains of site data into **clear decisions**

Your sites generate terabytes of data. But without AI, it's just noise.

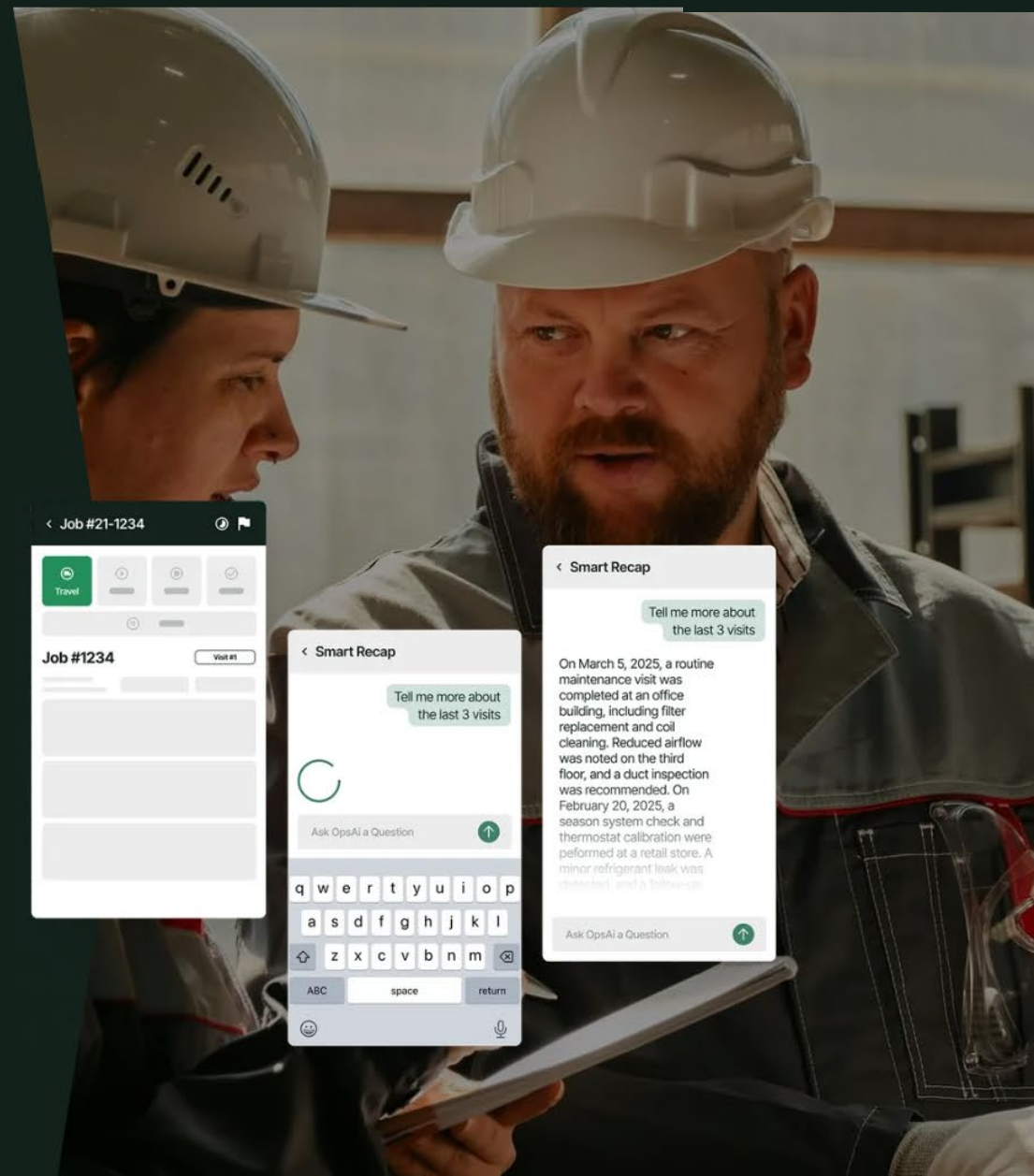
With DroneDeploy, your data becomes structured intelligence that drives schedules forward, reduces risk and unlocks ROI across all your assets and projects

Talk to us



OpsAI: AI That Keeps You Ahead of the Game

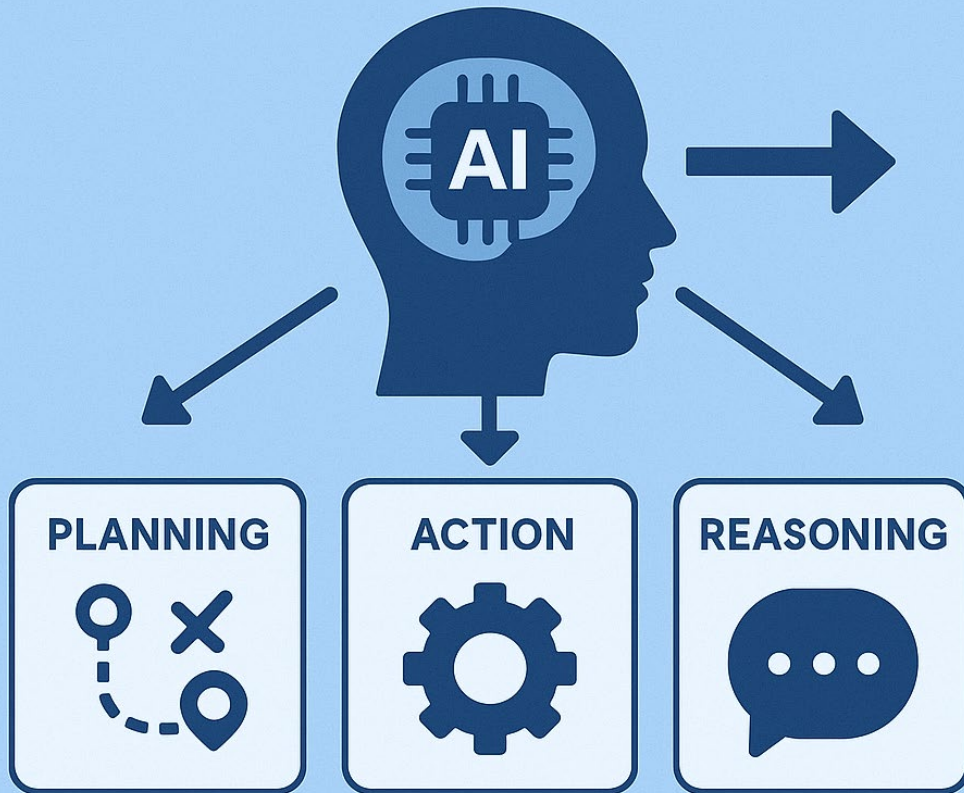
Meet the AI that works as hard as you do. OpsAI is your secret weapon for handling the grind, spotting opportunities, and keeping your team ahead of the curve.

[Get a Personal Demo →](#)[Join Weekly Demo](#)

The Rise of Agents

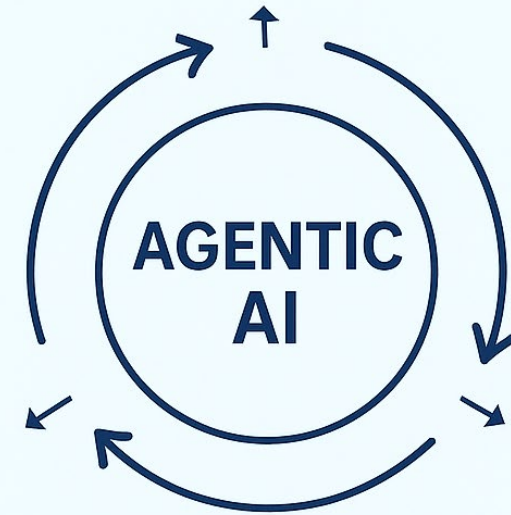


AGENTIC AI



AUTONOMY

pursues goals without
step-by-step instructions



PERSISTENCE

continues to work
on tasks over time

ADAPTABILITY

responds to changes
and new information

Agents

Watch Agents Take Care of Your Busywork



Submittal Checker

Reviews submittal documents to ensure they align with project scope and specifications.

Use Agent >



RFI Reviewer

Review, analyze, and create RFIs

Use Agent >



Deep Search

Search, find and compare

Use Agent >



PM Agent

Create RFIs, Submittal, Review, etc



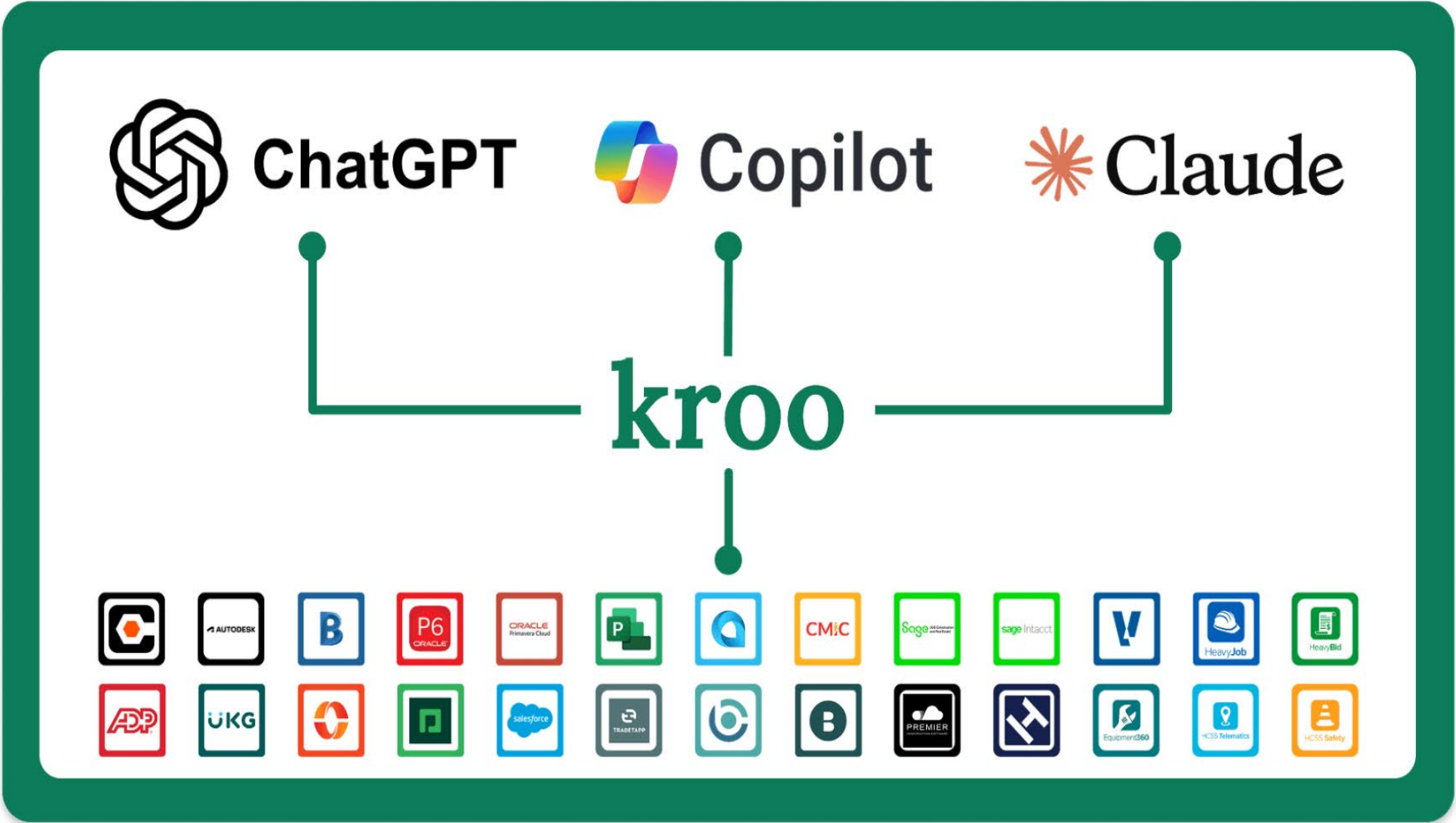
Superintendent Agent

Field Assistance, Daily logs, work coordination



Form Filler

Capture, digitize & execute



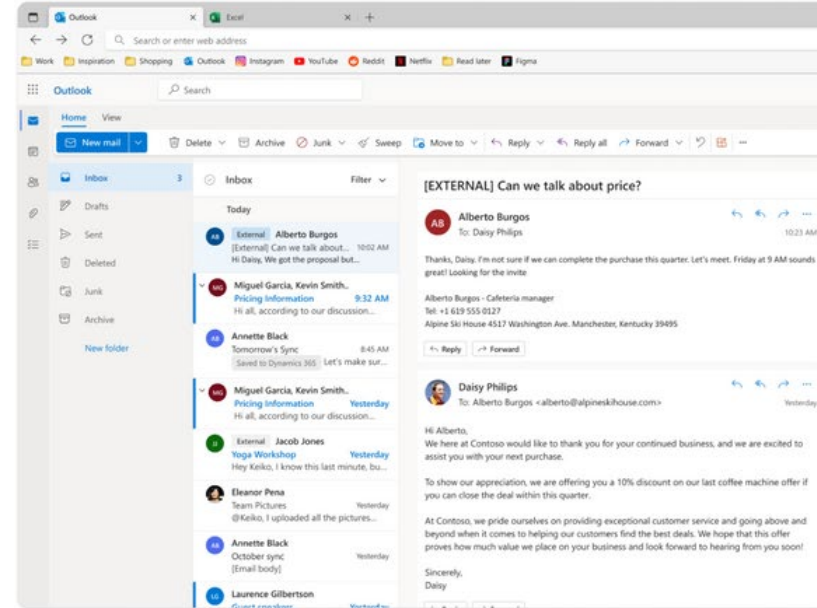
Pilot Programs: Pilot Then Scale What Works



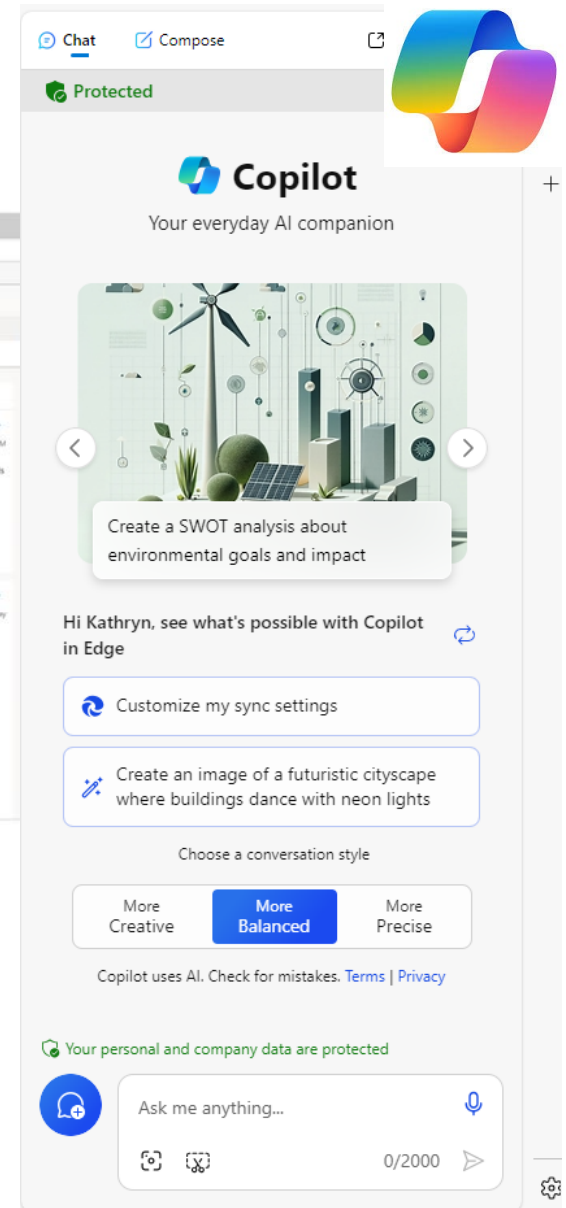
Pilot Gen AI in Microsoft 365

Microsoft Copilot

- **Copilot in Word**
 - Write, edit, summarize, & create content in Word
- **Copilot in PowerPoint**
 - Transform existing written documents into decks complete with speaker notes & sources
- **Copilot in Excel**
 - Query your data set in natural language, not just formulas
 - Reveal correlations, propose what-if scenarios, & suggest new formulas based on your questions
 - Generate models based on questions
 - Identify trends, create visualizations, or ask for recommendations
- **Copilot in Teams**
 - Recap conversations, organize key discussion points, & summarize key actions



EDGE Browser



Additional Use Cases



Executive Dashboards & Reporting Automation

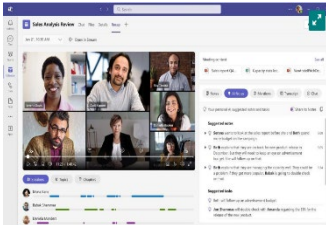
Work in Progress Sample Schedule											
	A	B	C	D	E	F	G	H			
	WPT	WPT	(C4-B)	(D4-C)	WPT	(F4-E)	WPT	(H4-G)			
Project Name	Project Number	Contract Amount	Estimated Cost	Estimated Gross Profit	Revenue	Cost of Sales	Gross Profit	Margin	Order Date	Project Status	Order Type
Sample Project 1	201401	100,000.00	60,000.00	40,000.00	84,177.00	50,000.00	34,177.00	40.6%	2014-01-01	In Progress	Standard
Sample Project 2	201402	75,000.00	45,000.00	30,000.00	67,500.00	40,000.00	27,500.00	40.7%	2014-02-01	On Hold	Standard
Sample Project 3	201403	20,000.00	12,000.00	8,000.00	18,000.00	10,000.00	8,000.00	44.4%	2014-03-01	Completed	Standard
TOTAL		195,000.00	117,000.00	78,000.00	169,677.00	100,000.00	69,677.00	41.1%			

Copilot in Excel + Power BI

- Ask Copilot to summarize trends in Excel Use Power BI + Copilot to generate natural language summaries of project KPIs, financials, or safety metrics
- Automate weekly executive summaries pulled from live data sources

Ask Copilot “What are the top 3 cost drivers this quarter?”

Intelligent Meeting Recaps



Copilot in Teams + Outlook + Planner

- Copilot in Teams can summarize meetings, highlight decisions, & extract action items
- Automatically assign tasks in Planner or To Do
- Draft follow-up emails in Outlook with context from the meeting

Ask Copilot: “What were the key risks discussed & who owns them?”

Proposal & RFP Response Drafting

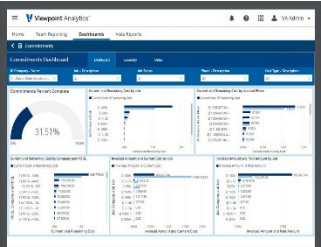


Copilot in Word + SharePoint + TEAMS

- Draft RFP responses using templates & past project data
- Use TEAMS components to collaborate with estimators, PMs, & marketing in real time
- Ask Copilot to rewrite sections for tone, clarity, or compliance

Ask Copilot: “Summarize our experience with healthcare projects from the last 3 years”

Risk & Cost Analysis

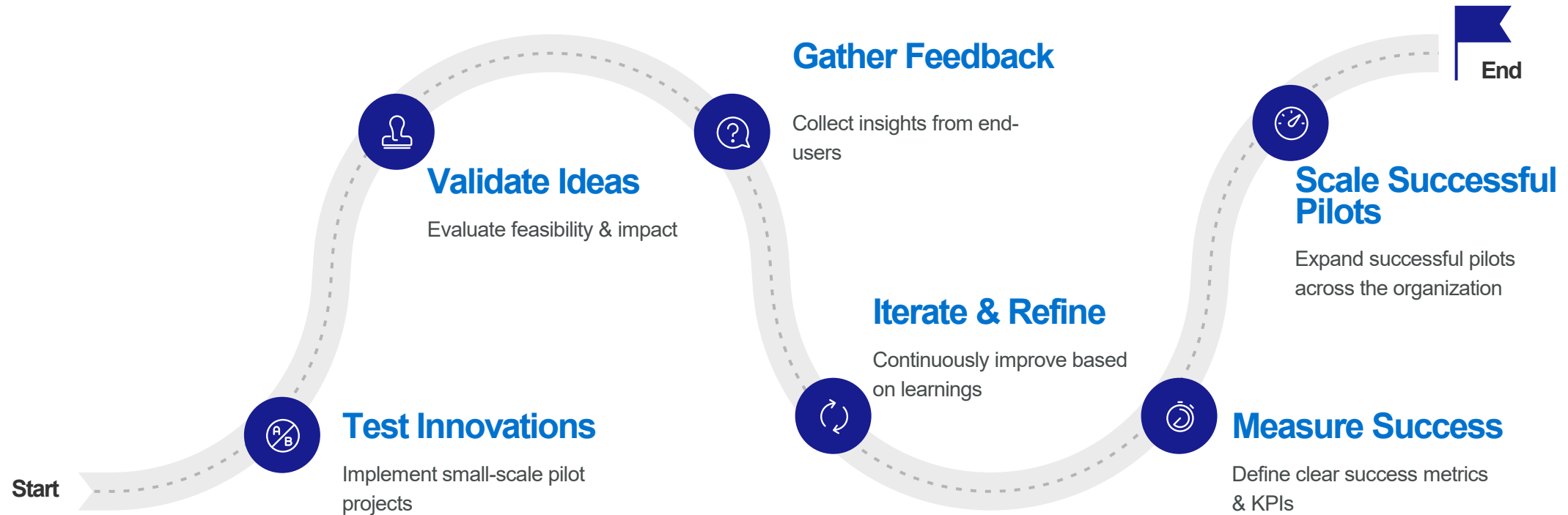


Copilot in Excel + SharePoint

- Copilot can analyze:
- Change orders, budget variances, & cash flow forecasts
 - Identify patterns in cost overruns or schedule delays
 - Suggest data-driven mitigation strategies

Use Copilot to build “what if” scenarios for labor or material cost increases

Best Practice: Leverage Pilot Programs



Robotics & Automation



Robotics & Autonomous Operations



In-Field Robotics

Robots that handle a particular portion of the work, supported & assisted by field labor



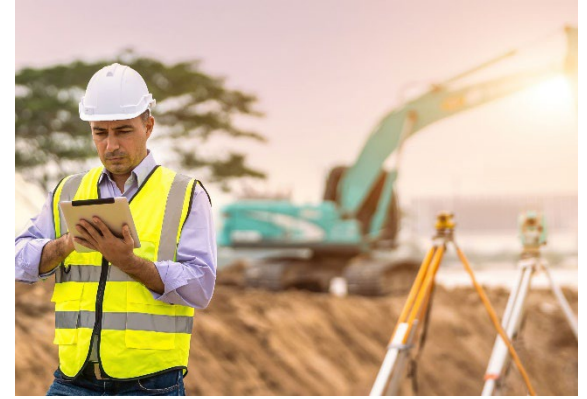
Fabrication

Robotic welding & fabrication – autonomous functions with AI



Autonomous Equipment

Heavy equipment now offers autonomous operation to support project delivery



On-Site Robotics With AI Support

Drones & other on-site robots are used on site with AI support for a variety of functions

Robotics & Autonomous Machinery Addressing Labor Gaps

Supervised Autonomous Machinery

Some companies use retrofitted autonomous equipment to upskill operators & improve safety on jobsites.

Labor Efficiency & Safety

Autonomous machines allow operators to manage multiple machines, increasing efficiency & reducing high-risk exposure.

Humanoid Robots Preparation

Industry advisors recommend contractors prepare for humanoid robots to address labor shortages & improve productivity.

Robotics Adoption Strategies

Contractors should decide between piloting, rapid scaling, or selective deployment of robotic technologies.



One Brain. One AI for Industry.

One brain to scale across hundreds of robots and millions of sites.

Field Foundation Models™ (FFMs) take a radically different approach to physical system intelligence as the first risk-aware model for robots. FFMs uniquely enable any embodiment to autonomously operate in highly dynamic environments without GPS, pre-defined maps, or pre-programmed routes, allowing robots to be deployed at scale and without human intervention for nearly any application.



Many Vehicles

Seamless and field proven technology on legged, wheeled, flying, and tracked vehicles.



Many Sensors

Compatible with major robotic sensors, resilient to sensor failures and degradation.



Many Environments

Robots autonomously handle unknown and unpredictable real-world conditions.



Connected Teams

Wirelessly connects teams across distant job sites and enables multi-robot operations.



FieldAI

LLM vs. FMM

Analogy

The Librarian vs. The City Planner



LLM

The Super Librarian

- Large Language Model (LLM) is like a super-librarian in a gigantic library:
- It doesn't memorize every book word-for-word but knows patterns, themes, & relationships
- When you ask a question, it quickly predicts the most relevant answer by drawing on its vast knowledge of language
- Goal: Make sense of words & ideas

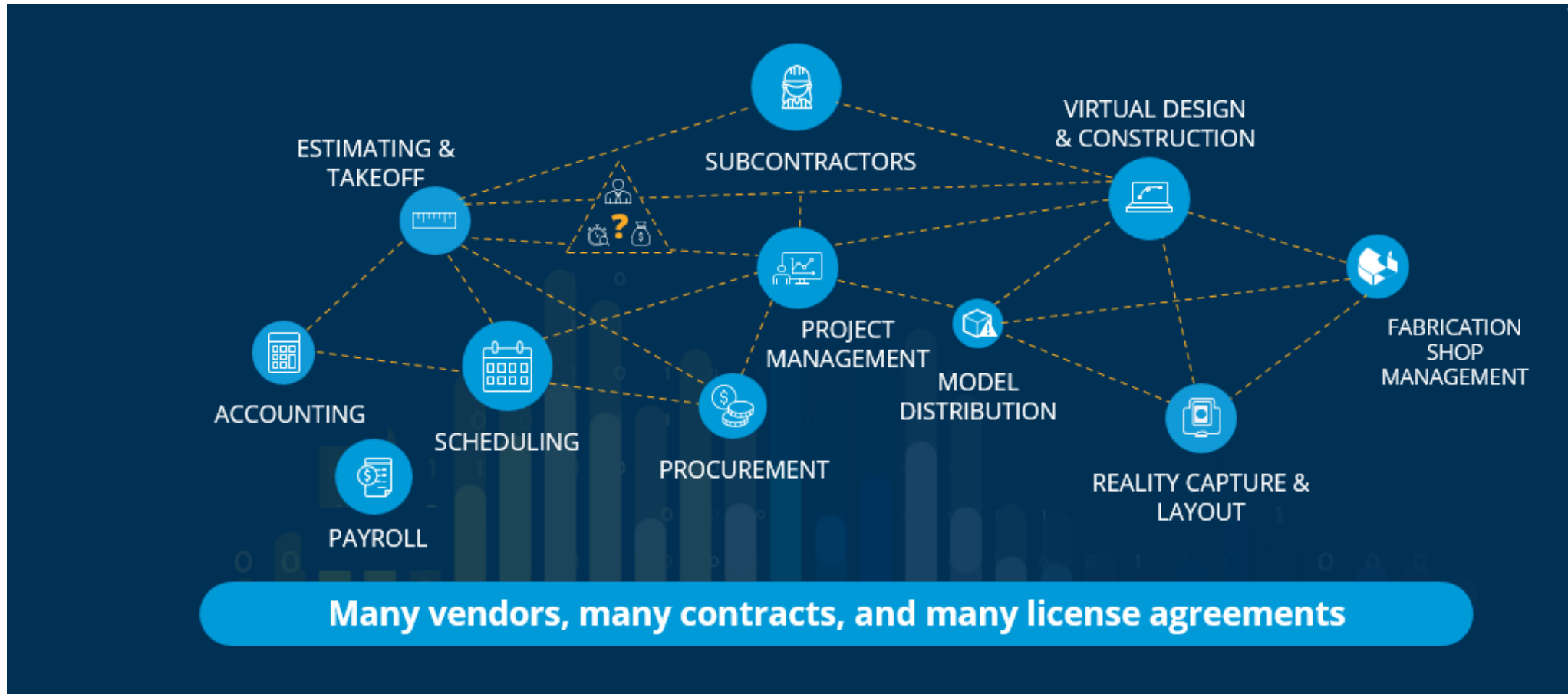


FFM

The City Planner

- Field Foundation Model (FFM) is like a city planner managing traffic flow:
- Instead of tracking every single vehicle's position & speed individually, it groups vehicles by neighborhoods & estimates their collective effect on traffic
- This way, the planner can predict congestion & optimize routes without drowning in data
- Goal: Make sense of physical interactions efficiently

Managing Construction Tech Is Hard ...



But Adoption Is Even Harder.

Looking Ahead:

Trimble Construction One™





Trimble Construction One™

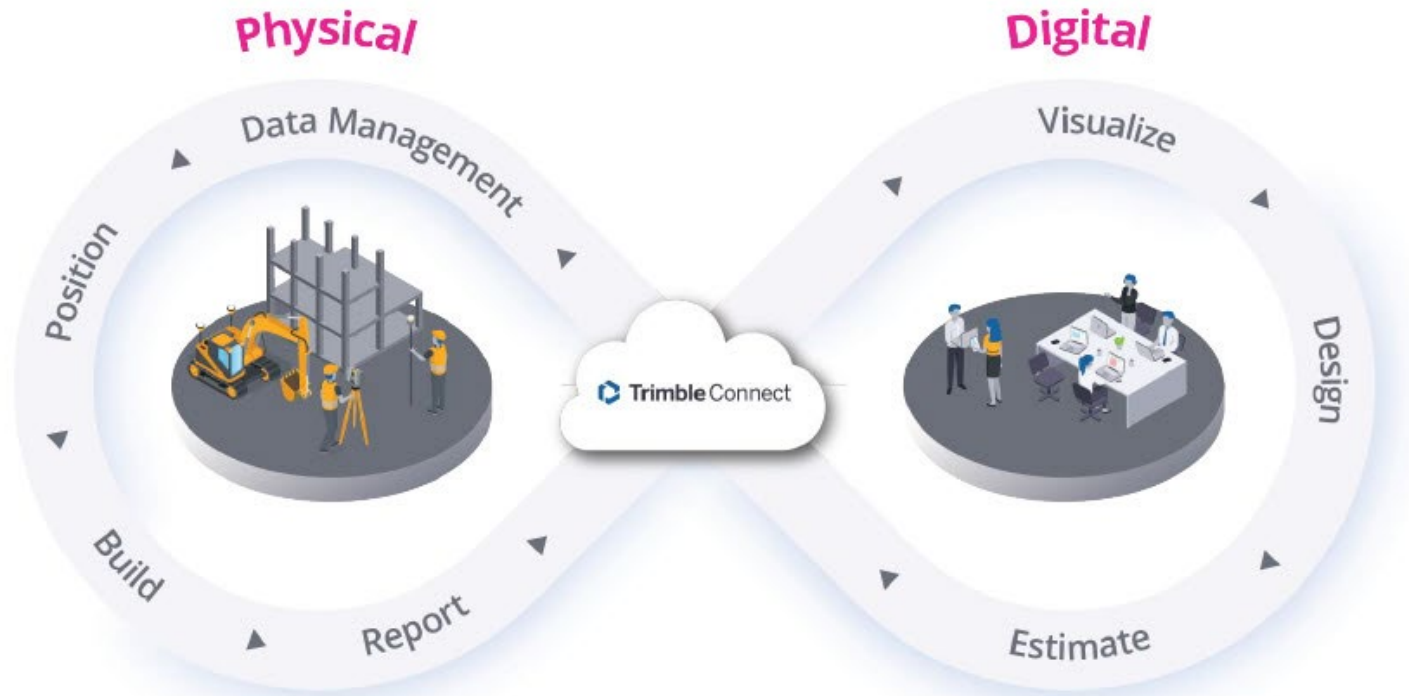
The construction industry's **broadest set of tools and integrations** powered by cloud, automation, content, and data insights.

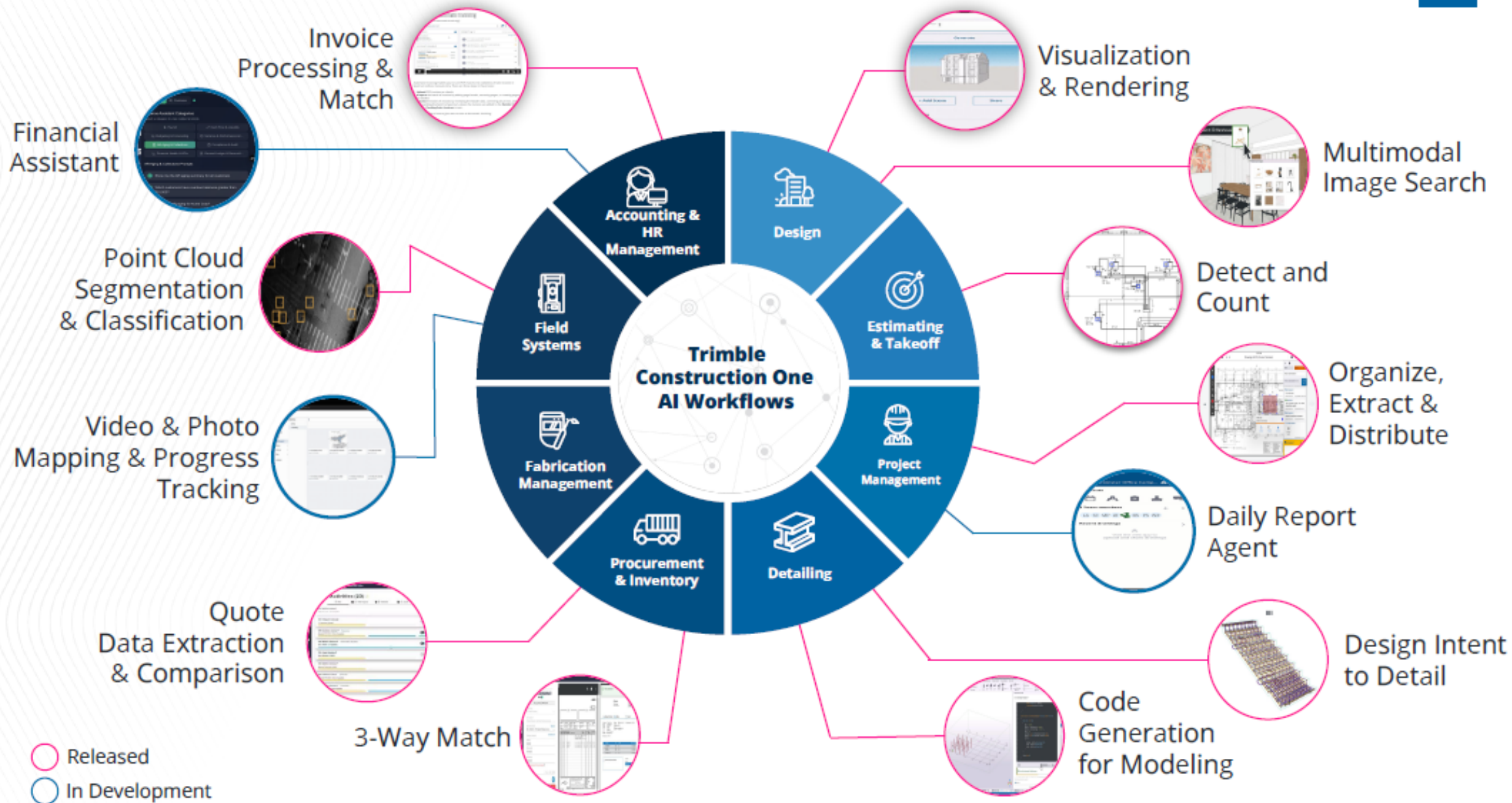
By connecting workflows and data, Trimble Construction One™ enables firms to take their projects from **design to done**.



Connecting the Physical & Digital World

Connect the physical & digital worlds by offering innovative positioning technology & site management solutions, & unified workflows that can boost productivity & connect all project phases.



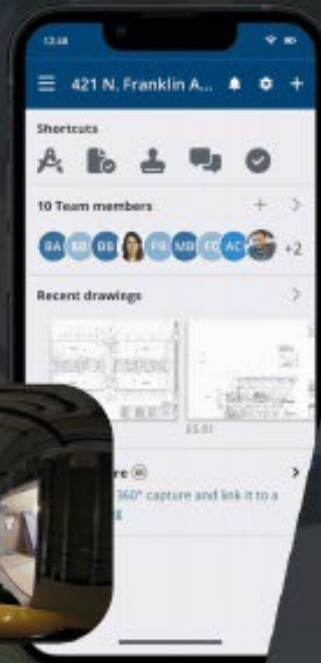




Trimble 360 Capture

Capture

1 Built directly inside ProjectSight Mobile, Site Capture empowers your field staff to **easily capture 360 data** with the press of a button



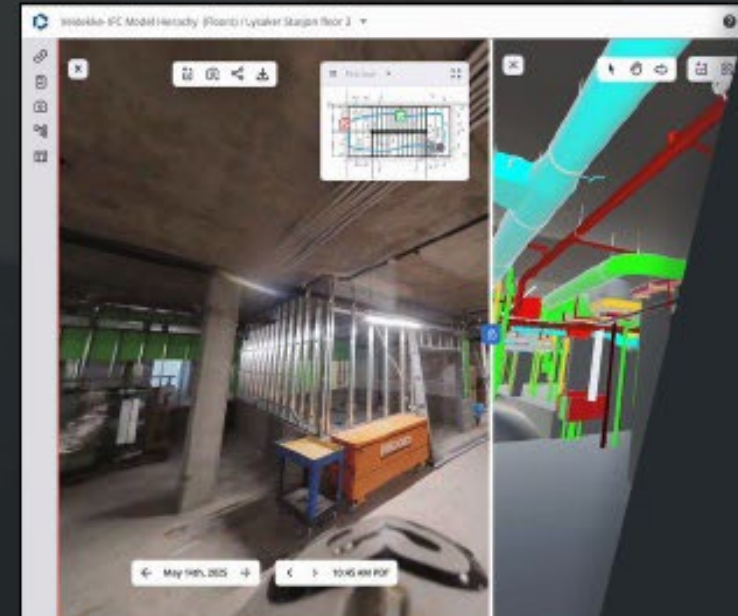
Visualize

2 Our **AI-powered algorithm** automatically maps the capture to your drawing, allowing your team to easily **tie reality to design**



Collaborate

3 Easily identify any issues to be tracked and immediately take action. Linking your capture not only to your project controls, but to the rest of the **Trimble ecosystem** as well



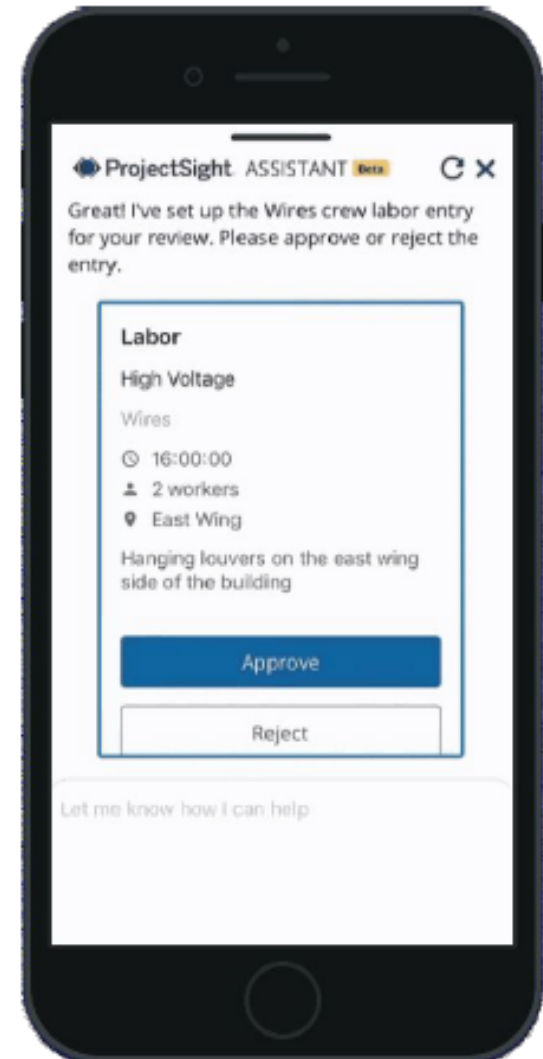


Conversational Daily Reports

Agentic workflow to accelerate data entry...

- **Messy Input → Clean Data:** users can deliver text or voice input in a natural, unstructured fashion
- **Orchestrator Agent:** parses user input, chooses between various agents to organize and complete appropriate tasks
- **17 → 5 minutes:** Estimated 70% time reduction in daily report creation. This capability will save ProjectSight users **120,000 hours annually**

In Beta





**With Construction Tech at Your
Fingertips ...**

**We're All at the Same
Starting Point**

Tech-Driven Companies Perform Better

In today's fast-paced digital landscape, technology-driven construction companies are poised to gain a competitive edge with enhanced performance, agility, & market responsiveness.



Technological Adoption

Companies that quickly embrace & integrate new technologies see increased efficiency & productivity.



Data-Driven Decisions

Leveraging data analytics & AI enables informed decision making.



Streamlined Operations

Automating repetitive tasks & workflows reduces costs & improves scalability.

Technology Adoption Barriers

The construction industry stands at a pivotal moment in its digital transformation journey. Despite the rapid evolution of technology, many architecture, engineering, & construction (AEC) professionals continue to rely on dated methods.



Reliance on Static Tools

According to one source, nearly one-third of AEC professionals primarily use static tools like email, spreadsheets, & PDFs for complex projects.



Impact on Project Delivery

Using disparate, static tools creates risks & barriers for complex & fast-moving construction projects.



Need for Technology Adoption

Adopting integrated digital tools is critical to help improve efficiency & reduce risks in modern AEC projects.

Driving Adoption & Change

Cultural Transformation

Adopting technology requires cultural change alongside technical solutions, emphasizing proactive change management.

Reducing Spreadsheet Reliance

Moving away from spreadsheets to system-first workflows is critical to improve data accuracy & efficiency.

Leadership & Incentives

Linking bonuses to timely data entry fosters compliance & strengthens control environments in organizations.

Fostering Innovation & Accountability

Building a culture of innovation & accountability accelerates adoption and improves data integrity.



Emerging Priorities

Automation & Efficiency

Automation & system optimization enhance efficiency by reducing manual processes & accelerating project timelines.

Cybersecurity & Fraud Prevention

Cybersecurity is vital as organizations adopt integrated platforms, requiring strong governance to help prevent fraud & breaches.

AI Governance & Compliance

AI governance supports transparency, accountability, & regulatory compliance through well-defined acceptable use policies.

Vendor Management & Interoperability

Effective vendor management & interoperability help integrate diverse tools into a unified construction technology ecosystem.



Action Plan for Transformation

Assess Current Technology

Begin with a thorough assessment of existing technology to identify integration gaps & automation opportunities.

Pilot AI-Driven Workflows

Implement AI workflows in key processes like job costing to build confidence & demonstrate return on investment.

Develop Transformation Road Map

Collaborate with advisory partners to create a digital transformation plan including AI & cybersecurity governance.

Measure & Incentivize

Set clear KPIs to monitor adoption & align incentives to promote innovation & adoption.



Transformation Outcomes

Challenges Before Adoption

Organizations faced manual tasks, siloed data, & slow responses causing inefficiencies & higher risks.

Post-Adoption Benefits

Companies achieved streamlined operations, automated workflows, & improved team collaboration after technology adoption.

Business Impact

Transformation accelerates project delivery, improves margins, & reduces costly rework significantly.

Strategic Value of AI

AI & connected workflows position firms as leaders, driving long-term value & competitive resilience.



Connected Construction Lifecycle

What's Key

By closing the gaps between people, processes, & technology, connected construction helps everyone identify & resolve problems faster.



Phases

1. **Planning & Design:** Model integrity, design coordination
2. **Build:** Progress tracking, RFI/change order linkage
3. **Manage:** WIP tie-outs, resource optimization
4. **Report:** Executive-ready dashboards and audit evidence



Outcomes

- Unified data environment reduces silos
- Real-time collaboration between field & office
- Standardized, version-controlled evidence
- Proactive issue detection & resolution

Connected Construction Tech

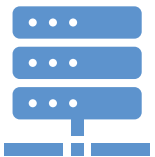
Making Technology Work for You



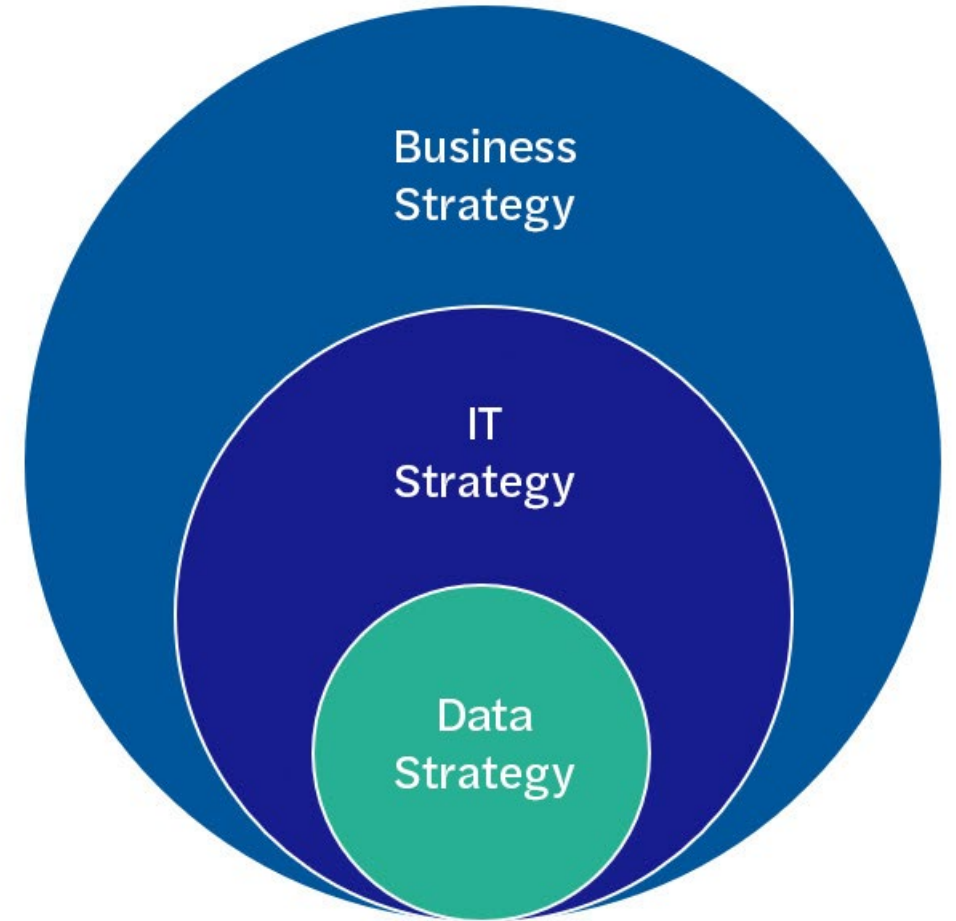
Business Strategy: Guides the direction & actions of a company to support sustainable growth & success in the market



IT Strategy: Guides the integration of technology & IT resources with broader company strategy to enhance productivity, competitiveness, & efficiency



Data Strategy: Guides how data will be collected, stored, governed, & used, enabling data to support decision making & drive value across the organization



Strategic Considerations & Recommended Actions



Practical Applications

Trimble Construction One™



ProjectSight 360 Capture linked to RFIs & change orders for verifiable progress



AI-assisted job costing & natural language queries for finance teams



Agentic AI: Turn voice memos into structured updates; automate asset maintenance



Anomaly detection: Flag mismatched invoices & unapproved work before close

3D Scanning & BIM Integration

Efficient 3D Laser Scanning

Handheld & tripod 3D laser scanners capture precise as-built conditions quickly, reducing on-site scanning time by up to 50%.

Cloud-Based Data Sharing

Cloud platforms enable stakeholders to view, manage, & act on critical on-site data remotely, streamlining project coordination.

MEP System Modeling & Clash Detection

3D scans imported into BIM platforms allow precise modeling & clash detection, reducing costly rework in renovations & retrofits.

User-Friendly Scanning Solutions

Trimble Construction One & others offer one-touch scanning & instant feedback, making high-quality 3D data capture accessible to industry professionals.



Use Case

Top 50 GC



Context & Approach

- **Challenge:** spreadsheet-driven WIP; slow invoice matching; limited field-to-finance visibility
- **Approach:** deploy connected workflows across project controls & finance; pilot AI agents



Results

- **Outcomes** (illustrative): faster close cycles; reduced rework; improved forecast accuracy
- **Evidence:** linked site imagery to COs/RFIs; standardized audit packages

Modernization Imperative

Necessity of Modernization

Adopting integrated technology is essential to maintain competitiveness & access high-growth sectors.

AI Adoption Race

Early adopters of AI can gain operational efficiencies & attract top talent amid increasing competition among contractors.

High-Value Data Center Projects

With \$1 trillion capex by 2029, contractors must modernize to secure lucrative data center & AI-related projects.

Competitive Differentiation Strategies

Early engagement, prefabrication, & tech-enabled workflows are becoming standard for competitive advantage.



Business Value & ROI Framework

Area	Typical Pain	AI/Workflow Intervention	Value Measure (set baseline)
Schedule	Manual status collection	360° + automated progress tracking	Cycle time to update schedule
Cost	Late/mismatched invoices	AI-assisted matching & alerts	% invoices auto-matched; hold time
Quality	Rework due to miscoordination	Connected RFIs/COs to field evidence	Rework rate/cost
Cash	Slow billing/collections	Evidence-backed pay apps	DSO; billing cycle time
Compliance	Ad hoc audit prep	Standardized evidence bundles	Hours to audit ready; exceptions

Use your current KPIs as baselines; track improvements quarterly to quantify ROI.

Evidence Sources Matrix

Assertion	Primary Evidence	System of Record	Control Owner
Existence	360° site capture linked to CO/RFI	ProjectSight	PM/Superintendent
Completeness	Change order logs & approvals	ProjectSight/ERP	Project Controls
Accuracy	Invoice match exceptions & approvals	Trimble Financials	AP/Finance
Cutoff	Event time stamps & model versions	Common Data Env.	IT/Data Governance
Rights & Obligations	Contract & vendor attestations	CLM/Vendor Mgmt.	Legal/Procurement

90-Day Plan to Operationalize Readiness

Weeks	Focus	Key Activities	Owner
0–2	Setup & Governance	Map evidence; publish AI policy; document cyber & vendor controls	IT/Compliance
3–6	Automation Pilots	Schedule reports; pilot AI workflows	Finance/PMO
7–10	Testing & Standardization	Dry-run WIP tie-outs; standardize ESOP/JV docs	Finance/Audit
11–13	Adoption & Incentives	Retire rogue spreadsheets; align KPIs/bonuses	HR/Leadership

Actionable Steps for Construction Companies



Accelerate Tech Adoption

Shift from static tools to integrated platforms to improve collaboration across projects.



Develop AI Road Map

Prioritize operational efficiency & address data governance & talent gaps to use AI effectively.



Consider Reality Capture

Use reality capture technologies to support accurate as-built documentation for complex MEP projects.



Enhance Preconstruction Services

Become a strategic advisor early during planning & throughout the project lifecycle.



Learn About Robotics Partnerships

Plan scenarios for future opportunities to include in-field robotics, cobots, & autonomous robotic solutions in construction workflows.

Summary



Technological Transformation

The construction sector is undergoing significant change driven by AI & automation technologies.



Reality Capture Integration

Reality capture tools are enhancing precision & efficiency in construction projects.



Strategic Modernization

Adopting strategic modernization helps firms overcome challenges & succeed in evolving markets.

Summary

- **Inflection point:** AI & connected workflows are moving from pilots to the operating model.
- **Value focus:** Faster delivery, reduced rework, margin protection, & audit readiness are in focus.
- **Risk focus:** AI governance, cybersecurity, vendor management, & human-in-the-loop checkpoints are also in focus.
- **Action:** Quick & reliable action plans to stand up governed automation & evidence collection are available.

“

Be the engine, not the caboose ...

Embed innovation into daily work, not side projects.

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