

## Construction Supply Chain Management Next Generation Technology Solutions

The built environment continues faces ever-increasing pressure to deliver more cost-effective and sustainable infrastructure, housing and commercial properties. As part of an ecosystem representing 14% of GDP, general contractors operate with slim margins (<5% EBIT) and low productivity. Further, the construction industry is directly responsible for 40% of CO2 emissions and indirectly for 25% of greenhouse gases. Better management of the construction supply chain through next generation software solutions presents an opportunity to improve on both financial performance and environmental impact.

### Construction Supply Chain Management

#### Subcontractor/Vendor Management

- Prequalification
- Contracting
- Operations/performance

#### Payment Management

- Billing and AP
- Risk management
- Lien waivers/compliance

#### Material/Sustainability Management

- Commodities
- Distribution, logistics and inventory
- Carbon/energy efficiency

### Cost-Effectiveness/Operational Excellence

Process-oriented workflow and document management solutions are among the best-established construction-related technologies and have been successfully applied to supply chain issues for over 30 years – Constructware (acquired by Autodesk) and Meridian Systems (acquired by Trimble) were both founded in 1994. The current generation of tools are designed to better manage project operations from the design stage through to closeout and turnover, while attempting to increase productivity, manage supply chain costs and reduce risk.

While many supply chain solutions span the construction ecosystem, two sectors stand out for their adoption of innovative approaches:

- **Civil** – horizontal infrastructure – roads, rail, bridges, tunnels and utilities – ‘benefit’ from having a more concentrated supply chain with fewer materials – aggregate, concrete, steel – making up most of the spend.
- **Mechanical/Electrical/Plumbing (MEP)** – MEP subcontractors have traditionally outspent on technology versus other trades and GCs, as their complex business model encompasses construction, offsite/modular fabrication and field services/maintenance operations.

Lastly, as can be seen above, the focus of many of these tools is on the financial aspects of supply chain management.

### Sustainability/Environmental Impact






Supply chain solutions that address the materials used in construction in order to manage costs as well as to address longer-term environmental concerns have a similar history. The U.S. Green Building Council (USGBC), founded in 1993, launched the first LEED rating system in 2000, focused on sustainable building practices and processes. Only over the last decade has the focus turned toward cataloging the building materials themselves – pushing the development of data-driven solutions as well as workflow/document management tools.

In this regard, increased interest in using Artificial Intelligence (AI) has increased the focus on data access and data quality. Earlier tools required manual data entry and/or captured data in the form of documents rather than the underlying information, often resulting in poor quality data – incomplete, inaccessible, inaccurate – that is less suitable for AI applications.

## 15 Supply Chain Management Solutions to Watch in 2025 and Beyond (1 of 2)

Subcontractor/Vendor Management	 by Bespoke Metrics	Integrated preconstruction solution for subcontractor prequalification, bidding and performance evaluation.	Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Michael Ho Toronto, Ontario, Canada 2016 No outside investors
		Construction procurement solution including contracting, COI, prequalification, invoice and supplier diversity management and payment processing	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Anwar Gauche/Douglas Reed New York, NY 2017 NFX, Fifth Wall \$264M Series A November 2024
		Construction subcontractor tendering/bidding solution based in Germany. Increases market visibility/transparency leading to greater number of bids/increased competition.	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Kiko Berner/Fritz CramerMax Seifert Berlin, Germany 2019 Avenir Growth Capital, Spark Capital \$30M Series B February 2022
		AI-driven Certificate of Insurance (COI) compliance management solution. Automates compliance process and integrates with construction operations and ERP solutions to reduce overall construction project risk	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Michael Rudman/Omri Stern New York, NY 2016 NewSpring Capital, Camber Creek \$15M Series B December 2024
		AI-driven materials procurement management solution – from estimates through to logistics/delivery	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Ojonimi Bako/Nicholas Selz Columbus, OH 2022 Suffolk, Dysruptek \$5.3M Seed January 2025
		Agentic AI procurement/vendor management solution focused on MEP subcontractors. Includes tools for sourcing/selection and price/spend tracking as well as network of pre-qualified suppliers	CEO Headquarters Founded Notable Investors Recent Transaction	Manoj Puthenveetil Irvine, CA 2015 Schneider Electric, Strandview \$4M Series C3 December 2020
Payment Management		SaaS procurement and asset management solution – material purchasing, tool management and field operations on an integrated platform. Focused on MEP subcontractors.	Co-Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Clint Zhang Cleveland, OH 2017 Insight Partners, Dot Capital \$15M Series A June 2025
		Construction payment and lien/waiver management solution	Co-Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Patrick Hogan San Francisco, CA 2018 American Express, Suffolk, Ironspring \$5M Later Stage October 2023
		Supply chain workflow automation and document management solution for AP, COI, lien waiver, AR and payroll. Integrated with all major construction ERP providers.	Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Seth Dawson Baton Rouge, LA 2005 No outside investors
		An integrated end-to-end procurement solution, featuring automation tools for scheduling, scope of works and subcontract management, vendor comparisons and approvals, and supply chain management.	Co-Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Alastair Blenkin Brisbane, Australia 2019 Airtree, Leigh Jasper (Aconex) \$4M Series A January 2024

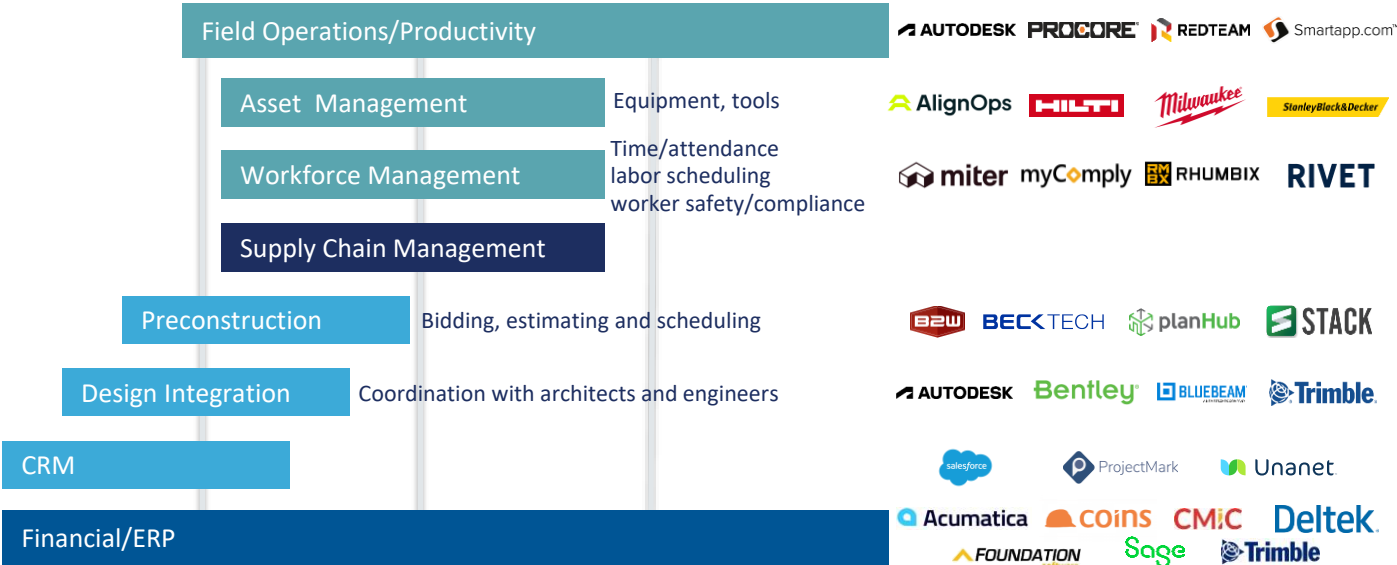
15 Supply Chain Management Solutions to Watch in 2025 and Beyond (2 of 2)

Material/Sustainability Management		Leading AI platform for construction materials and equipment procurement. Automates processing of POs, delivery slips, invoices and inventory and integrates with all major construction ERP providers.	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Eidar Sadikov/Victor Gane Charlotte, NC 2022 Navitas Capital, Bloomberg, Zacua \$10.5M Series A April 2025
		Market leading construction materials management and procurement solution – initial focus on MEP contractors.	Co-Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Maria Davidson Covina, CA 2018 Battery Ventures, 8VC, Suffolk Undisclosed December 2023
		AI-powered product selection, quotation and submittal solution focused on MEP subcontractors	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Forest Flagler/Prayush Havelia San Mateo, CA 2020 Threshold Ventures, Building Ventures \$20M Series A July 2025
		Construction material and waste data capture and analytics solution focused on quality control, finance management and decarbonization.	Co-Founder and CEO Headquarters Founded Notable Investors Recent Transaction	Brittany Harris London, UK 2018 System IQ, Suffolk \$7.9M Series A May 2023
		Waste and recycling haulsourcing platform solution – trash collection, dumpster rental, waste disposal, and roll-off dumpsters for construction and demolition	Co-Founders Headquarters Founded Notable Investors Recent Transaction	Joe DiNardiMack/Luciano Di Nardi Jersey City, NJ 2022 Spark Capital, Suffolk \$12.5M Series A March 2025
























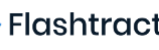








How Supply Chain Management Fits in the Emerging Tech Stack for Contractors

Enterprise-Scale Modules Replace Project-Based Point Solutions –  
From Dozens of Software Vendors to Fewer than a Dozen

Representative Players



## Notable Recent M&amp;A Transactions in Construction SCM

Investor	Acquirer	Target	Date	Target Description	Comments and Observations
GROWTHCURVE		planHub 	Sept 25	Preconstruction and bid management solution	Trade sale from Mainsail Partners
NEXA EQUITY 		FACILITY GRID 	July 25	Commissioning and construction closeout solution	Strategic investment in founder-led firm <sup>1</sup>
WCAS		AIA Contract Documents	July 25	Construction legal document platform	Sponsor-to-sponsor deal - Trade Wind acquired from AIA in 2020
THOMABRAVO 	Command Alkon 	DIGITAL FLEET 	June 25	Telematics fleet management solution	Integration with heavy civil construction platform solution
THOMABRAVO 	FOUNDATION SOFTWARE 	VENDRIX 	June 25	Construction expense management solution	Integration with leading construction ERP solution for SMEs
Hg 	access 	Fonn 	May 25	Construction ERP solution	Further market penetration – Access also owns COINS
	Trimble 	StructShare 	May 25	Construction materials management solution	Integration with Trimble Viewpoint/Trimble Construction One
	NEMETSCHEK GROUP 	MANUFACTON 	Mar 25	Offsite production and pre-fabrication solution	To be integrated with Allplan BIM solution suite
Riverside 	AlignOps 	FleetWatcher 	Aug 24	Fleet and materials management solutions	Further build out of construction management suite
M33 GROWTH 	Contruent 	ProcureWare 	May 24	Spinout of Bentley e-procurement solution	Integration of payment with cost management solution
	Trimble 	Flashtract 	May 24	Construction payment management solution	Integration with Trimble Viewpoint/Trimble Construction One
IEQT 		Avetta 	May 24	Contractor risk management platform solution	\$3B trade sale from consortium of PE firms
	PROCORE 	INTELLIWAVE TECHNOLOGIES 	May 24	Construction material and asset tracking	Integrated with existing labor and equipment tracking capabilities
	AUTODESK 	PAYAPPS 	Jan 24	Construction payment management solution – aka GC Pay in US market	Integration with Autodesk Construction Cloud solution
	sage 	Bridgetown 	Jan 24	BidMatrix bid analysis solution	Integrates with existing Sage 100 and 300 estimating solutions

Sources: Pitchbook, LinkedIn, company websites, press releases

<sup>1</sup> Ascentage Advisor transaction

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## Select Built Environment, Engineering and Manufacturing Transactions

 <p><b>FACILITY GRID</b> Construct. Validate. Sustain.</p> <p>Strategic Investment by</p>  <p><b>NEXA</b> SECURITY</p> <p>Facilities Commissioning and Construction Closeout Solution</p>	 <p><b>ANARK</b><sup>®</sup></p> <p>Strategic Investment by</p>  <p><b>OAKLINE</b> HOLDINGS</p> <p>Manufacturing Collaboration Solution</p>	 <p><b>TZA</b></p> <p>Sale to</p>  <p><b>EasyMetrics</b></p> <p>Labor Management Solution</p>	 <p><b>GOCONTRACTOR</b></p> <p>Sale to</p>  <p><b>SafetyPlus</b></p> <p>Construction Workforce Management Solution</p>	 <p><b>proplanner</b><sup>™</sup></p> <p>Sale to</p>  <p><b>advantive</b></p> <p>PLM and MES Solutions</p>
 <p><b>operix</b></p> <p>Strategic Investment by</p>  <p><b>M33</b> GROWTH</p> <p>Field Service/Construction Operations Management</p>	 <p><b>AgileAssets</b><sup>™</sup></p> <p>Sale to</p>  <p><b>Trimble</b></p> <p>Transportation/Infra Asset Management</p>	 <p><b>Romax</b> TECHNOLOGY</p> <p>Sale to</p>  <p><b>HEXAGON</b></p> <p>Drivetrain Design and Simulation Solutions</p>	 <p><b>assemble</b></p> <p>Sale to</p>  <p><b>AUTODESK</b></p> <p>Cloud BIM Construction Project Management</p>	 <p><b>CLEAREDGE</b><sup>3D</sup></p> <p>Sale to</p>  <p><b>TOPCON</b></p> <p>3D Modeling Automated Laser Scanning</p>

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