



# The Trimble Construction One Vista Software Suite



Running a Better Business Series

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# Overview

## Built on Results

For more than four decades, Trimble Viewpoint has been providing comprehensive business management solutions for thousands of construction companies across the globe.

Vista™ and the connected Trimble Construction One suite bring together your projects, people and processes in a truly collaborative construction management environment.

Trimble Construction One helps contractors Plan, Do and Manage across their entire organization by providing connected, secure, flexible applications to better manage, scale and future-proof their construction operations.



# A Connected Construction Management Experience

Realize connected construction management functionality with a single-source of data truth. As part of the Trimble Construction One suite of solutions, Vista's integrated features allow you to effectively manage your entire construction process:

- Complete construction accounting capabilities
- Powerful operations and project management solutions
- Streamlined HR management and payroll functionality
- Leading-edge document management and collaboration tools
- Intuitive web and mobile solutions to empower your teams in the field
- Seamless materials, inventory and equipment management and tracking
- Full-featured service management and dispatching capabilities
- Dynamic reporting, analytics and business intelligence tools



## Built for Contractors

Vista is designed for construction, with its features and functionality mapped to how real-world contractors like you operate. In fact, Vista's clients play a large role in determining the specific features and functionality. Backed by Trimble Viewpoint's commitment to continual research and development, Vista is continually being improved with new features, and software updates are automatically rolled out to clients several times per year.

Whether you're a growing small- to mid-sized company or an enterprise-level contractor with multiple companies and divisions, Trimble Viewpoint can meet your specific construction business needs.

## How Trimble Construction One Helps Construction Professionals to Work Smarter

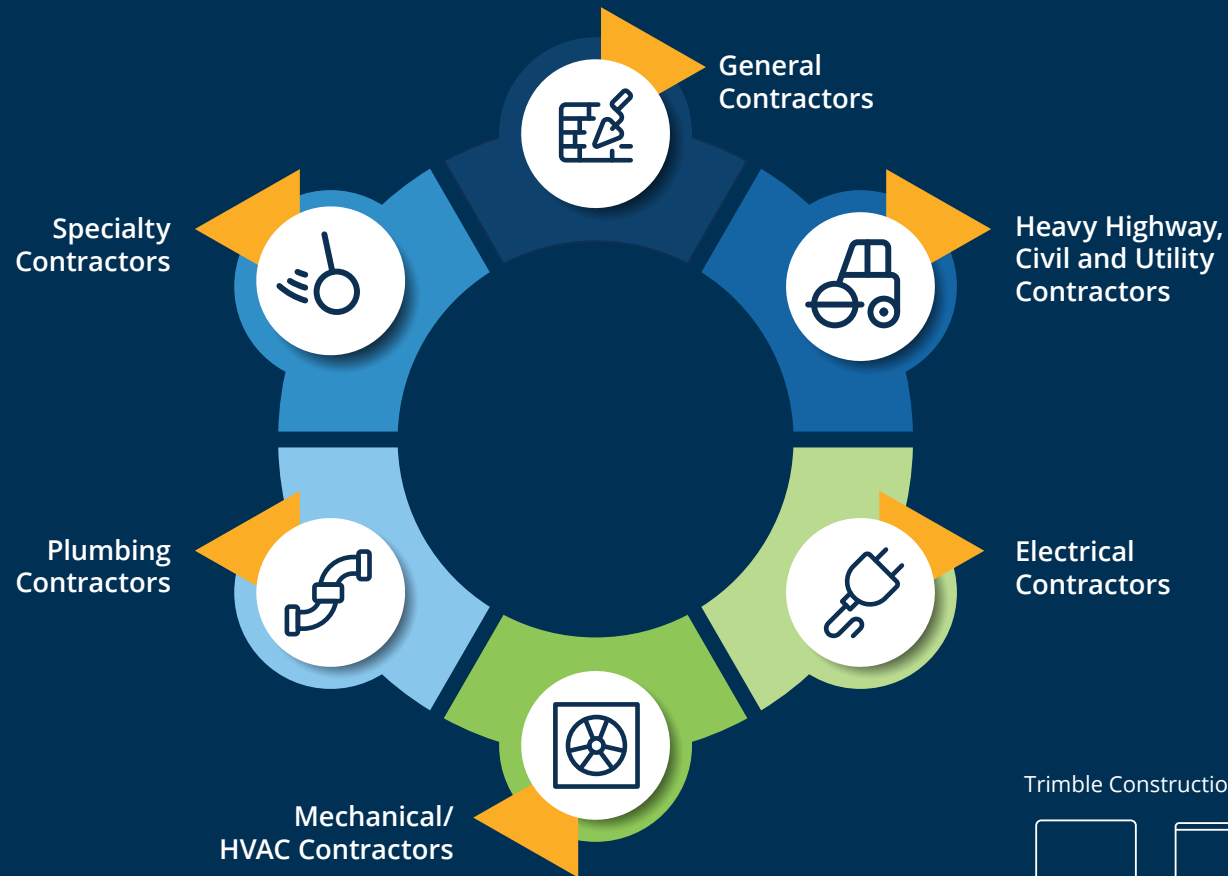
Imagine a construction work environment where manual tasks are replaced by digitized processes; where you can access the real-time data you need anywhere, anytime; where data is consistent, no matter where it's coming from; where software is easy to use and everyone can collaborate together seamlessly.

Trimble Construction One provides that environment, and helps all construction professionals—whether at the executive level, the back office, or working in the field—work smarter, rather than harder.

► [Find out how!](#)



# Vista and the Trimble Construction One suite are ideal for:



## Designed with Leading-Edge Technology and Security

By creating a seamless integration of cloud-based construction ERP software, intuitive web and mobile applications, robust data storage and processing capabilities and powerful analytic and business intelligence tools, the Trimble Construction One suite makes it possible for you to become a modern, data-driven contractor

Leveraging the latest cloud-based technologies, Vista and Trimble Construction One solutions can often accomplish in minutes what has traditionally taken your teams weeks or even months to pull together. From automated workflows to self-serve reporting features and mobile apps to streamline work in the field, Vista and Trimble Construction One give you the ability to work smarter, make real-time decisions and unlock new possibilities.



With a single source of truth and real-time analysis tools, you can do more with your data than ever. The best part is that contractors don't need a team of expensive data scientists and hours of labor-intensive work to get to this level of insight. Virtually anyone can get the data relevant to them or their teams with just a few clicks of a mouse.

Work with confidence knowing that all of your data and workflows are protected in a secure operating environment. Vista is supported by the very latest security measures to ensure that you have the highest security protocols in place at all times.

Vista is [SOC 2, Type I](#) and [SOC 2, Type II](#) certified, signifying that our cloud systems and associated control processes satisfy the SOC security control standards as denoted in the AICPA Trust Services Criteria for Security. The Vista-based Trimble Construction One suite relies on Microsoft Azure, and benefits from their tremendous investment in security.



## Scalable, Flexible Solutions

Furthermore, the Trimble Construction One suite is flexible, allowing users to bundle the functionality they need to properly scale for their business, while providing a secure platform to grow their technology capabilities as they need. This allows you to maximize your technology investments. Backed by the powerful construction technology ecosystem of Trimble, you have one provider to meet all of your construction technology needs.

### Trimble Construction One A World-Class Cloud Partnership



Trimble Viewpoint cloud offerings leverage world-class partnerships, such as Microsoft Azure, to deliver an unmatched cloud experience.

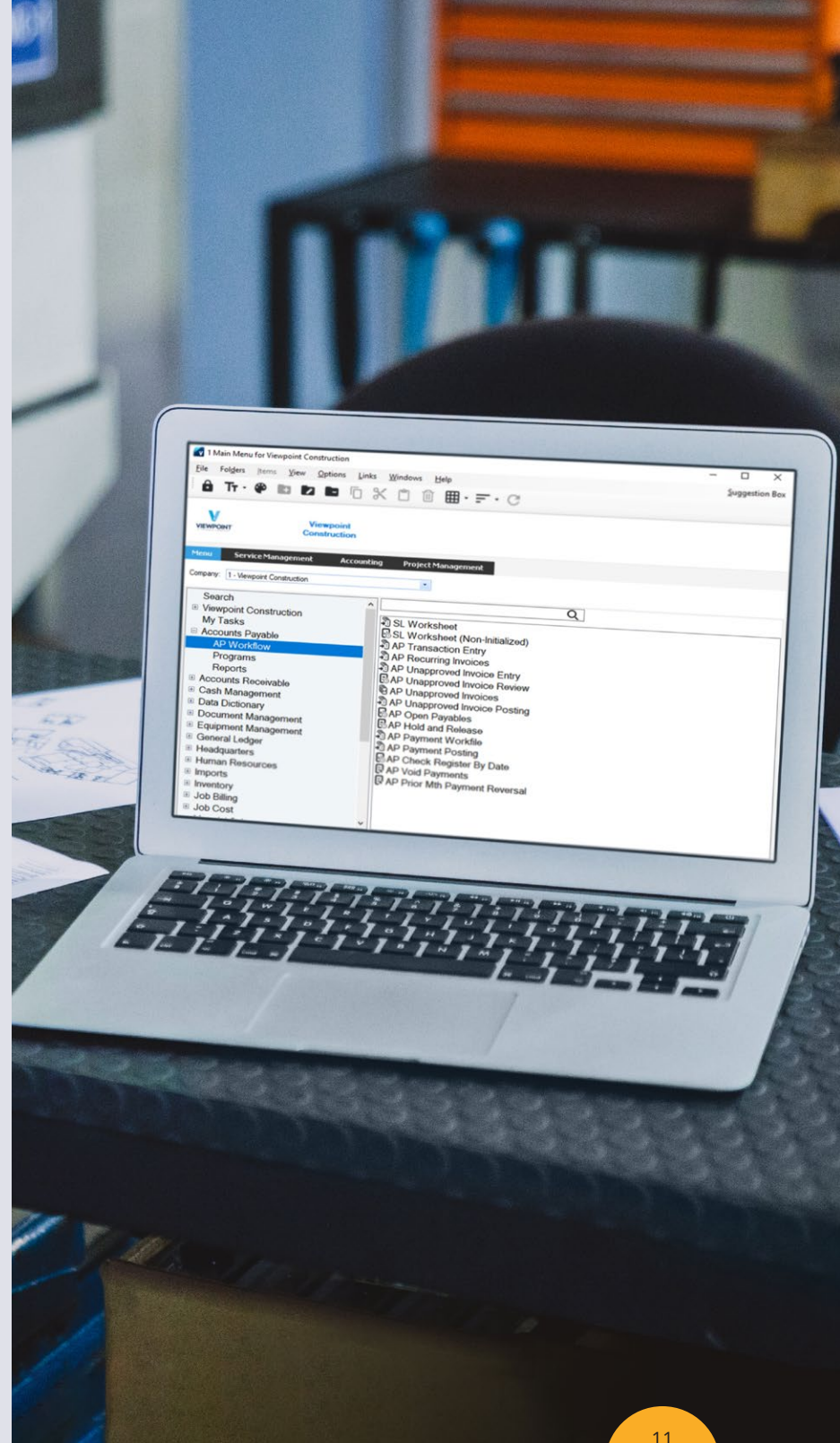
You can be confident in a high performance cloud environment with superior reliability and up-time, security that cannot be matched by an on-premises installation and second-to-none disaster recovery and business continuity capabilities. And the power of Microsoft Azure scales with your business, no matter how large.



# Unparalleled Ease of Use and Streamlined Workflows

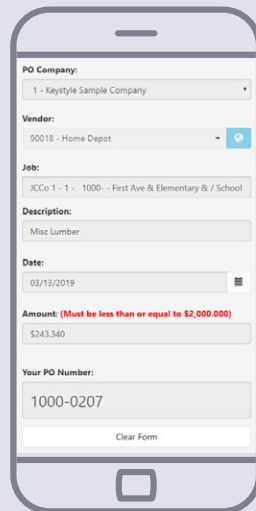
Vista makes managing all of your construction processes simple. With easy-to-understand interfaces, intuitive navigation and menus, and alert-style tasks and workflows, end users don't have to be technologically savvy in order to do their jobs. Vista takes much of the guesswork out of construction management by putting the relevant data specific users need at their fingertips at all times.

Vista users can self-serve their own data needs, whether through simple to create and use dashboards or through intuitive web and mobile portals that allow them to easily retrieve and view or upload data as needed. Thanks to real-time data and connected functionality, you're free from the burden of having to re-enter data into multiple different systems or track down missing or incomplete data. This saves you countless hours of time and alleviates more than a few administrative headaches.



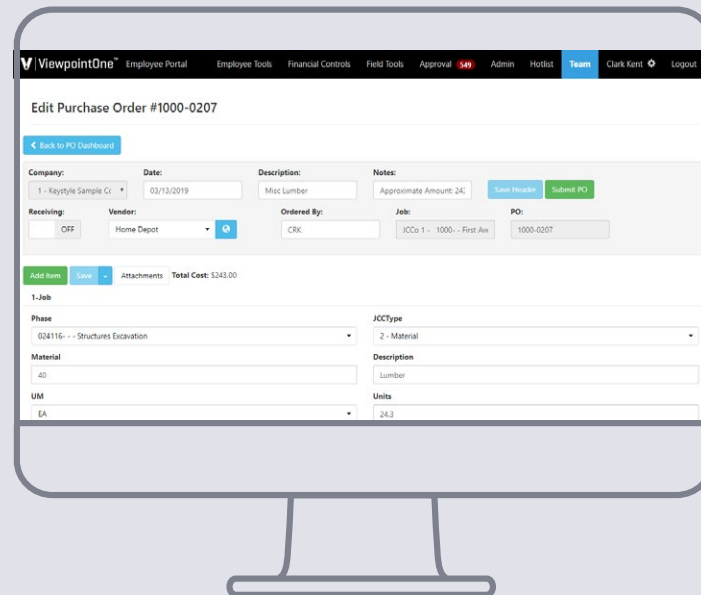
Workflows are no longer messy, convoluted processes, involving multiple steps and delays. Here is just one example of how Vista simplifies the processing of a purchase order in the field:

## Field Purchase Orders Workflow



A mobile application interface for creating a purchase order. The form includes fields for PO Company (1 - Kaystyle Sample Company), Vendor (90018 - Home Depot), Job (JCCo 1 - 1 - 1000 - First Ave & Elementary B / School), Description (Misc Lumber), Date (03/13/2019), Amount (\$243.340), and Your PO Number (1000-0207). A 'Clear Form' button is at the bottom.

1. A superintendent purchases parts at the counter of a local supplier. A purchase order number is generated by Vista and surfaced in Viewpoint Field Management—right then and there.



A desktop web application interface for editing a purchase order. The page title is 'Edit Purchase Order #1000-0207'. It includes a navigation bar with links like 'Employee Portal', 'Financial Controls', 'Field Tools', 'Approval', 'Admin', 'Hodist', 'Team', 'Clark Kent', and 'Logout'. The form fields include Company (1 - Kaystyle Sample Co.), Date (03/13/2019), Description (Misc Lumber), Notes (Approximate Amount: 243), Receiving (OFF), Vendor (Home Depot), Ordered By (CRK), Job (JCCo 1 - 1000 - First Ave), and PO (1000-0207). There are buttons for 'Add Item', 'Save', 'Attachments', and 'Total Cost: \$243.00'. Below these are fields for Phase (024116 - Structures Excavation), JCCType (2 - Material), Material (40), Description (Lumber), UOM (EA), and Units (243).

2. The project accountant codes the purchase order to a job, phase, cost code, expense, inventory, equipment or service work order in Viewpoint Field Management.

A smiling woman with dark hair, wearing a yellow hard hat and a high-visibility yellow vest over a dark shirt. She is wearing glasses and has a small gold nose ring. The background is a blurred construction site with scaffolding and building materials.

## True Construction Intelligence

The Trimble Construction One suite puts you in command of your data, giving Vista users built-in access to the industry's most powerful reporting, data analytics and business intelligence tools through Trimble Construction One Analytics.

# Data-Driven Decisions

Trimble Construction One Analytics reimagines data analysis for your construction organization by using real-time data and self-service analytic capabilities. Choose from standard reports, or easily customize reports, create detailed data visualizations and personalized dashboards with simple drag-and-drop data fields.

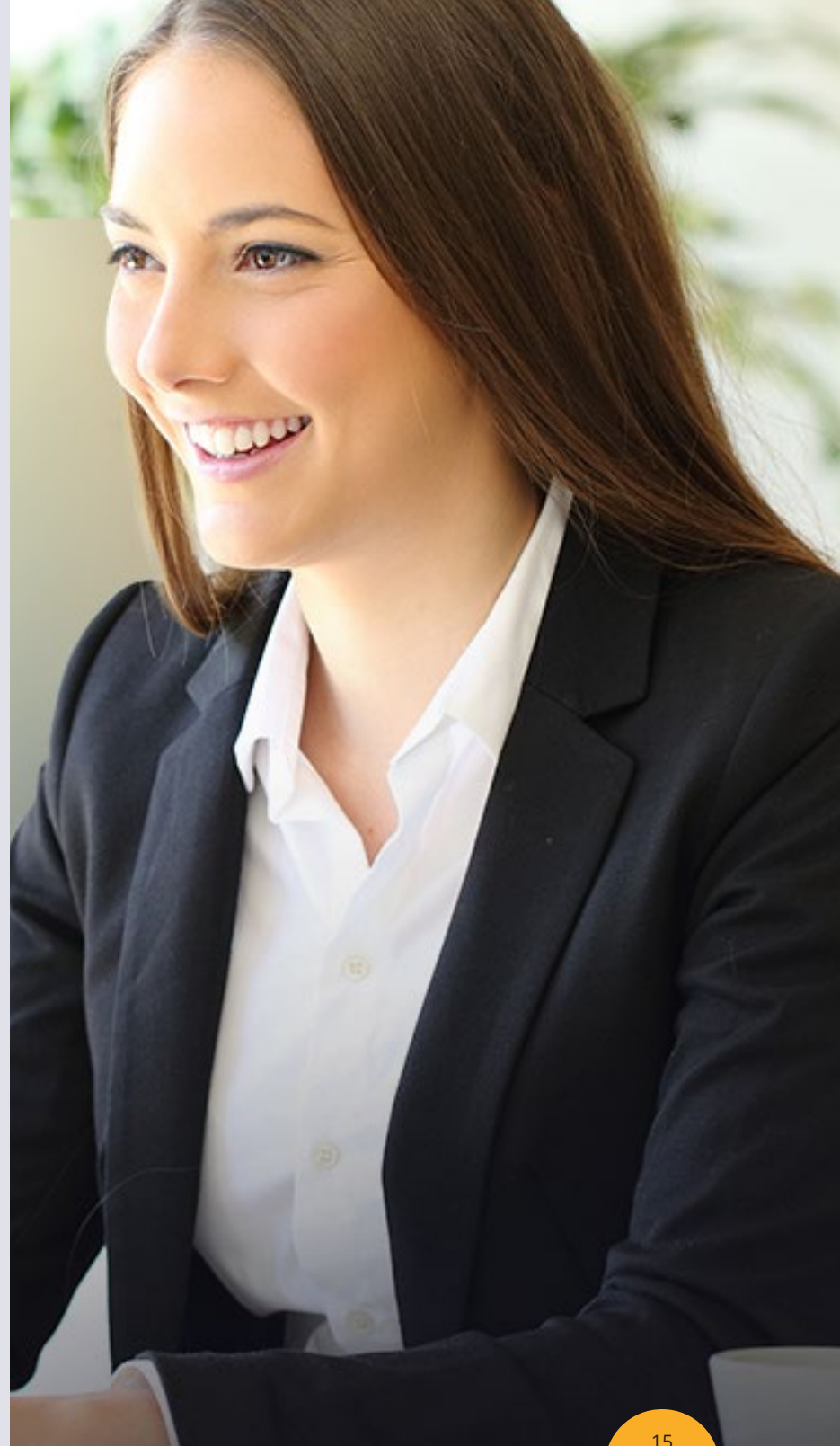
Gain better insight into your projects' productivity and financial health by identifying where issues lie and putting action plans in place based on data truth rather than gut intuition. Identify long-term trends and forecast future work. Take advantage of data-driven technologies like machine learning and artificial intelligence to further innovate and streamline work, turning your organization into a well-oiled construction machine with more efficient, less costly and more profitable projects.



## A Trusted Technology Partner

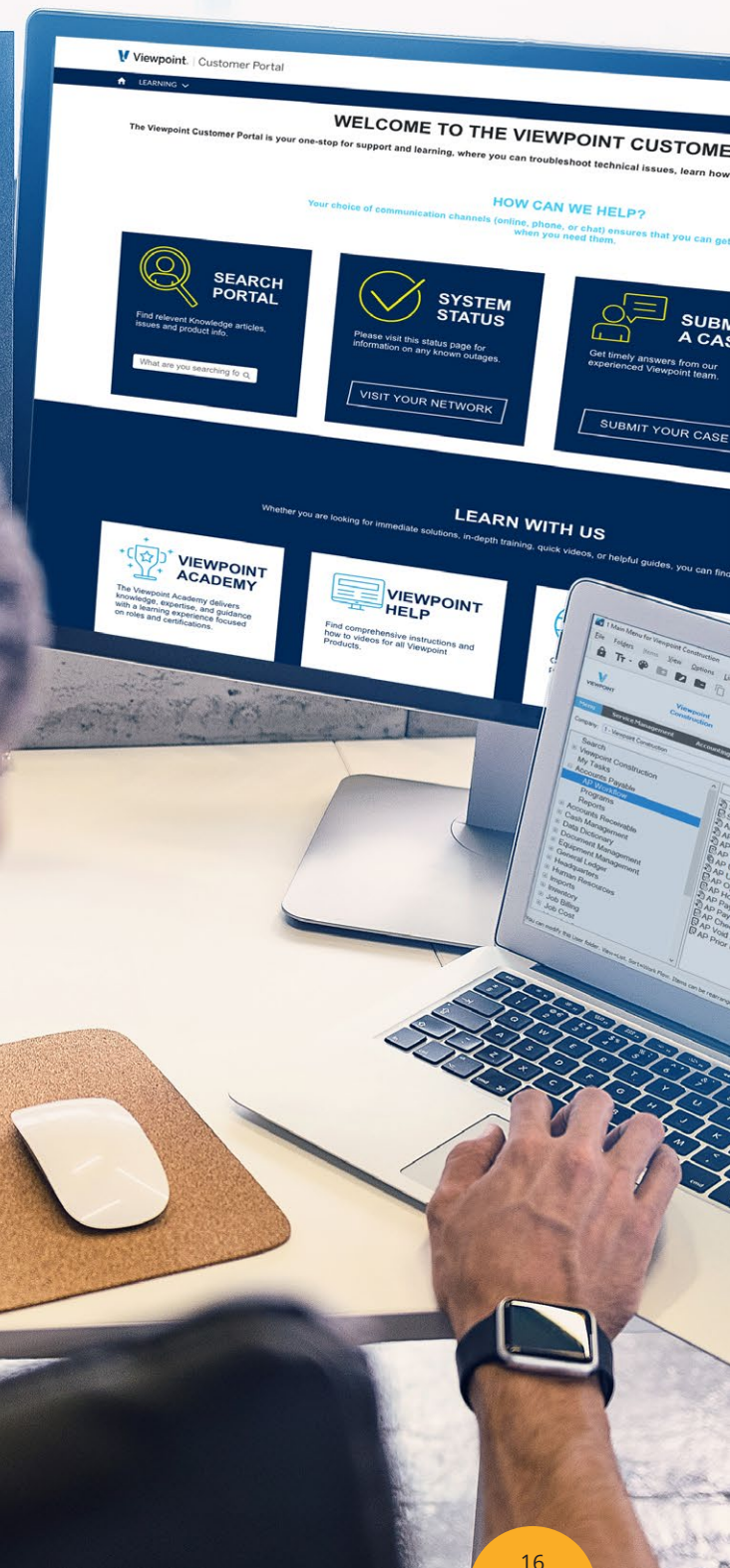
When you select Trimble Construction One and Vista, you're not just getting a software package, you're getting a trusted technology vendor with more than 40 years of construction experience and a round-the-clock technology partner committed to your success.

Trimble Viewpoint works with you every step of the way to understand your business needs and maximize your technology investments. We have a proven implementation methodology that helps you modernize your business operations with limited business disruption.



From planning to configuration, training and testing to go live, our technology experts optimize the delivery of Trimble Viewpoint Solutions.

Once you're live on Vista, you have access to expert support and professional services teams at all times. We get you the answers you need quickly so you can keep your business moving. Our easy-to-use Customer Support Portal makes it simple to log an issue, interact with live professionals, find online tutorials, webinars and product solutions, and much more.



# Tools for Success

Trimble Viewpoint offers a full suite of customer success resources, including:

- The Viewpoint Academy for role-based training courses, live instructor-led courses, certification programs and a host of other educational content
- The Network, your online peer community where members can easily connect with other users, participate in active discussion forums, find product tips and best practices, share feedback on products and services and much more—and you're rewarded for your participation
- Dozens of product webinars, ebooks, case studies, podcasts and live webcasts, blogs and other construction technology thought leadership content



## Precision Concrete Construction Sees Six-Figure Cost Savings Moving to Trimble Construction One

When Precision Concrete Construction, a Vista client since 2013, struggled to make VPNs work in the field and couldn't bridge the gaps with third-party project management applications that didn't natively integrate with Vista, the company realized it was time to move to the cloud. With Trimble Construction One and Vista, the company was able to replace manual processes and disconnected systems, while taking advantage of real-time data to make real-time decisions on its projects.

"We were drawn to a single source of data truth and information, no APIs, connectors or imports, as well as quite a bit of cost savings too," said Accounting Specialist Juliana Ferrara.

► [Read the full story](#)



# Accounting

# Automatic Invoicing

Trimble Viewpoint has built a robust Automatic Invoicing feature using more than 10,000 historical invoices. With Automatic Invoicing, PDF invoices are turned into validated, unapproved invoices in Vista with minimal manual entry—all made possible with Trimble Construction One cloud based technology. Simply:

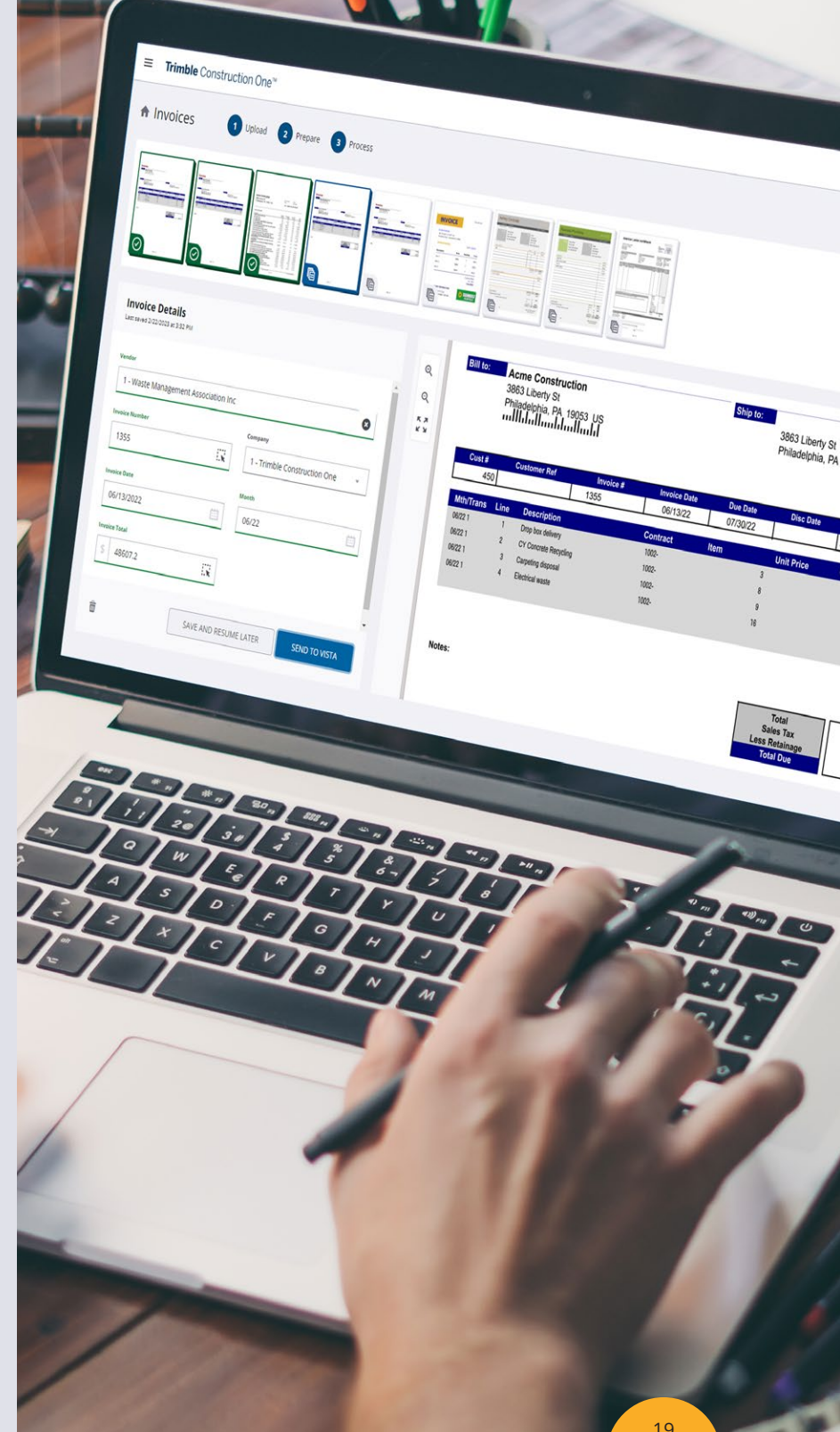
1. Upload PDF invoices with an easy drag-and-drop capability or by forwarding to an inbox.
2. Data from uploaded invoices automatically populates into fields, which are displayed side by side with the original invoice for verification.
3. Populated data is approved and sent to Vista as a new, unapproved invoice with a click of a button.

## Save Time & Money:

Instead of asking employees to enter invoice information, let Automatic Invoicing do the work, so they can focus on revenue generating activities. No need to purchase additional license types, as Automatic Invoicing is built into the Office user license.

## Securely Improve Data Accuracy:

Reduce manual data entry, which is prone to errors (or moving slower to avoid errors). Future-proof your business with machine learning, which continues to get more accurate with time.

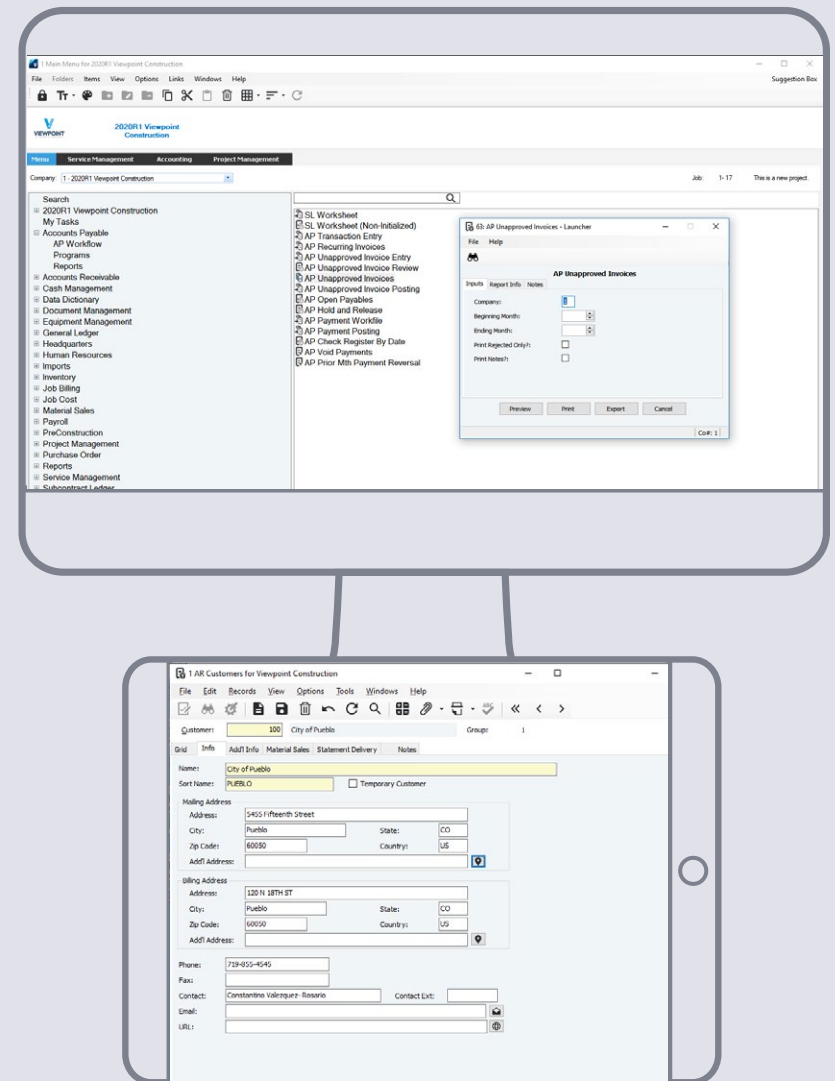


# Complete Financial Control

At the core of Vista is a powerful accounting system, designed for construction. Fully integrated across all of the ERP functionality within Vista—and the entire Trimble Construction One suite of solutions—Vista's accounting features include:

- General Ledger
- Accounts Payable
- Accounts Receivable
- Job Cost
- Payroll
- Cash Management
- Job Billing

Vista's accounting solutions provide contractors with streamlined cost tracking and billing, backed by real-time data. Whether operating on a job cost/progress, cost-plus or time and materials basis, Vista makes it easy to manage cash flow, track profitability and make important financial decisions.



# Full-Featured Accounting

Providing multi-company and multi-level profit center reporting, Vista's General Ledger provides a rock solid accounting foundation. Reports against your accounting data can include summary level reports with drill downs to detailed line items or variance reports comparing data to actuals, as you complete the budget and move through the financial year.

- On-screen inquiries and configurable account codes
- Automatic journal entries
- Supports account level budgeting, multiple budgets and versions with reports to compare actuals to budget
- Multiple reporting options: standard reports to easily view vital financial benchmarks with commonly used basic reports; presentation-quality financial reports with drill down capabilities; multi-year budgeting and forecasting and more.



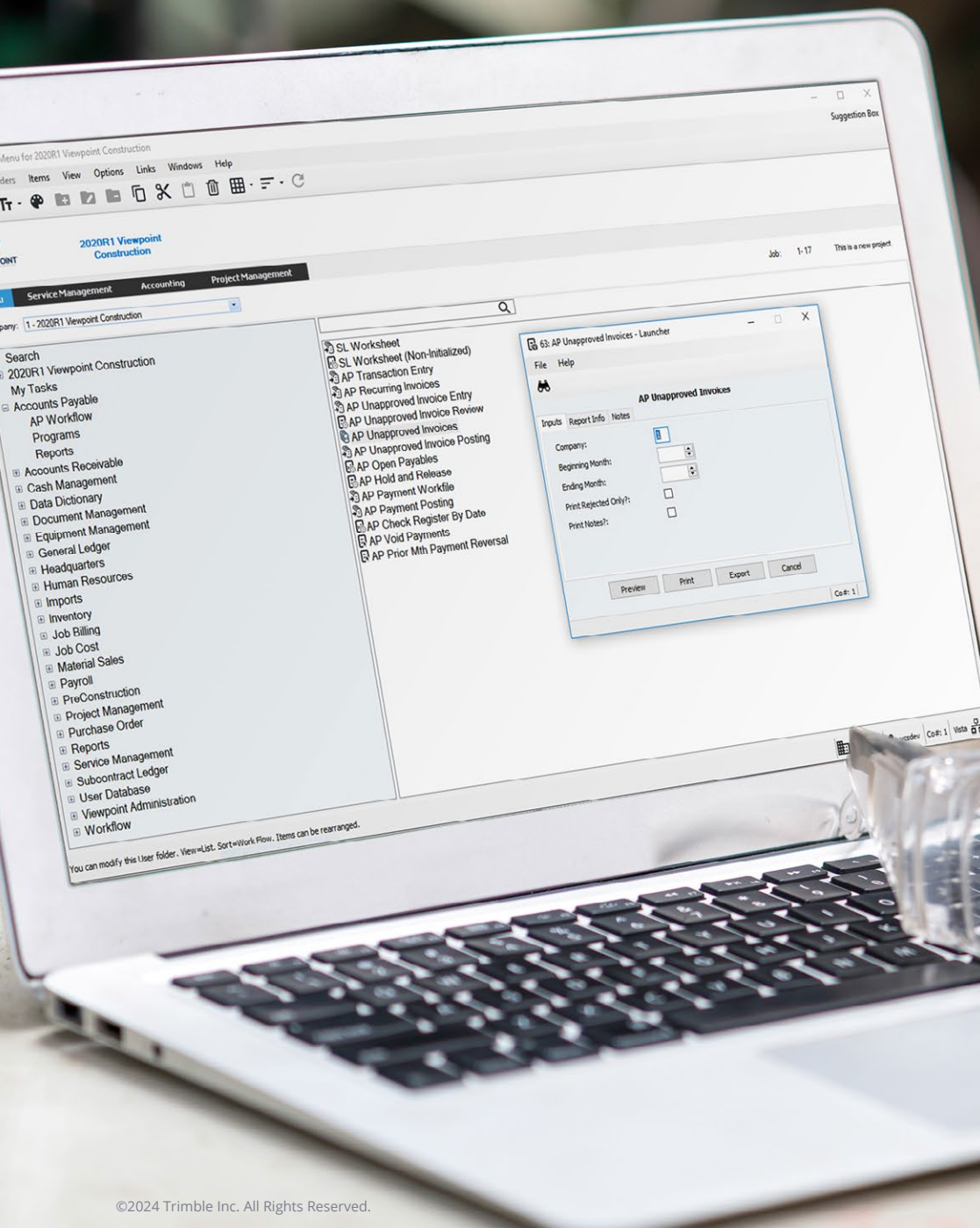
# Get Paid Faster by Streamlining Your Accounts Receivable Processes

Vista's Accounts Receivable module automatically generates and records invoices so the status of both customer accounts and contracts are available at all times. Seamless integration throughout Vista assures that the financial health of your business is always up to date, with built-in aging reporting so you always know where to focus billing attention.

- Seamless invoice processing, supporting multiple invoice types
- Multi-company and cross-company accounting and reporting
- Detailed accounts receivable reporting with on-screen drill down ability
- Cash receipt tracking, with entries updated to Vista's Cash Management module for bank reconciliation
- Intuitive customer management functionality

The screenshot displays the '1 AR Customers for Viewpoint Construction' window. The interface includes a menu bar (File, Edit, Records, View, Options, Tools, Windows, Help) and a toolbar with various icons. The main form is titled 'Customer: 100 City of Pueblo' with a 'Group: 1' indicator. Below this, there are tabs for 'Grid', 'Info', 'Add'l Info', 'Material Sales', 'Statement Delivery', and 'Notes'. The 'Info' tab is active, showing the following details:

- Name:** City of Pueblo
- Sort Name:** PUEBLO
- ☐ Temporary Customer
- Mailing Address:**
  - Address: 5455 Fifteenth Street
  - City: Pueblo
  - State: CO
  - Zip Code: 60050
  - Country: US
  - Add'l Address: (empty field with location pin icon)
- Billing Address:**
  - Address: 120 N 18TH ST
  - City: Pueblo
  - State: CO
  - Zip Code: 60050
  - Country: US



## Easily Manage Your Accounts Payable to Control Costs and Streamline Workflows

Vista's comprehensive Accounts Payable functionality is built with contractors in mind. Designed to take discounts, hold retainage and analyze cash requirements, Vista lets you know where you stand with receivables in real time.

Trimble ePayments provides you maximum flexibility to pay your vendors while providing you the ability to reap the rewards of virtual Mastercard payments. Invoice entry and check printing are built-in, and one-step posting streamlines data entry, improves accuracy and provides up-to-date cost data for management and control.

## Maximum Flexibility

- Easily set up and maintain vendor information, with complete multi-company tracking
- Trimble ePayments as a default vendor payment methodology
- Approve invoices in the field using mobile technology
- Seamless EFT payment processing and integration with credit card service providers
- Eliminate double entry and errors with payment worksheets that easily interface to Accounts Payable from Subcontract Ledger, material suppliers and haulers
- Improve payment process control with compliance tracking to warn of vendor/subcontractor issues
- Save time and improve communication with vendors with flexible payment methods
- Reduce paper and speed up review with invoice and document scanning



## Trimble ePayments

### Simplify Your AP Processes with Trimble ePayments

Trimble ePayments, powered by Corpay, transforms how construction companies manage accounts payable by reducing the process to a single step—and adds the potential to drive additional revenue through credit card rebate programs.

Fully integrated with Vista, Trimble ePayments enables you to easily send payments to vendors, while recording and tracking payments within Vista. The Trimble ePayments solution saves hours in paperwork, check distribution and bank reconciliation time. The decrease in processing and management time provides greater ability to consolidate disconnected AP payment processes, leading to greater visibility into and control over your construction projects. Together with the virtual card rebate program, the ePayments solution transforms your accounts payables department from a cost center to a profit center.

► [Learn how!](#)

## Know Where You Stand with 24/7 Cash Management

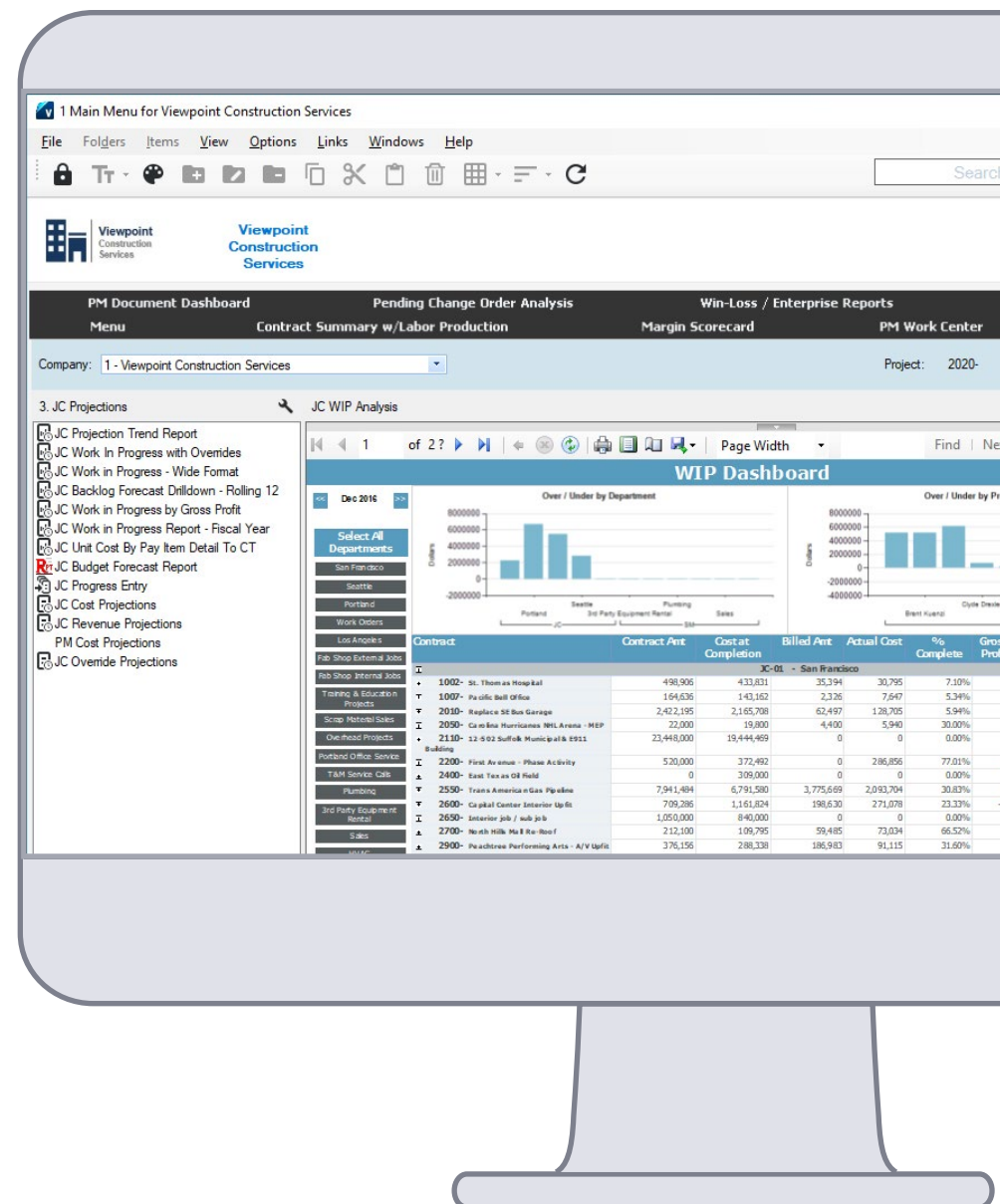
- Handle checks and deposits in multiple bank accounts and know your current checkbook balance the instant new entries are made, with data automatically posted to the General Ledger
- Automated cash management tracking and analysis at your fingertips
- Simple bank reconciliation for clearing checks, deposits and adjustments
- On-screen or printed report capabilities
- Strong security measures and access permits at the bank account level for all personnel



# Get to the Heart of Managing Better Job Profitability with Powerful Job Costing

Job Cost is at the core of Vista. Designed to deliver integrated, timely and accurate accounting and operations information on the progress of jobs, Job Cost provides an extensive library of reports and drill-down inquiries. Enter job budgets and change orders directly in Job Cost, or import from various estimating solutions, including several from Trimble.

Committed costs are established as the job “buyout” flows through the Purchase Order and Subcontract modules and actual costs are updated from Payroll, Accounts Payable, Equipment Management, Inventory and Material Sales.



# Drill Down Into Your Projects

- Report and update job progress in units or percent complete
- View immediate cost information and detailed breakdowns to assure every project is under budget and profitable
- Flexible multi-part phase codes to allow job numbers and phase numbers to be defined with different levels or parts
- Detailed tracking of job or contract items, change orders, labor, equipment and materials, and much more
- Comprehensive reporting with drill-downability in reports for a closer look into your projects
- User-defined notes and memo fields built into the system to track miscellaneous information



## Great Basin Industrial Improves Billings, Cash Flow with Vista

Great Basin Industrial needed to better connect its back office and field operations in real time to improve its time and materials billing processes. Using Vista's integrated field ticketing solution and leveraging real-time data, the company was able to account for a lot of T&M dollars that otherwise would not have been identified, let alone billed. This has helped Great Basin report more accurately and timely to its clients and improve relationships—and business opportunities.

"Instead of 30 days to produce a field ticket, Viewpoint has reduced it to one day," said Finance Director Craig Lundskog. "This efficiency was rewarded with preferred vendor status, which we expect will double our business in the next 12 months."

► [Read the full Great Basin Industrial story.](#)



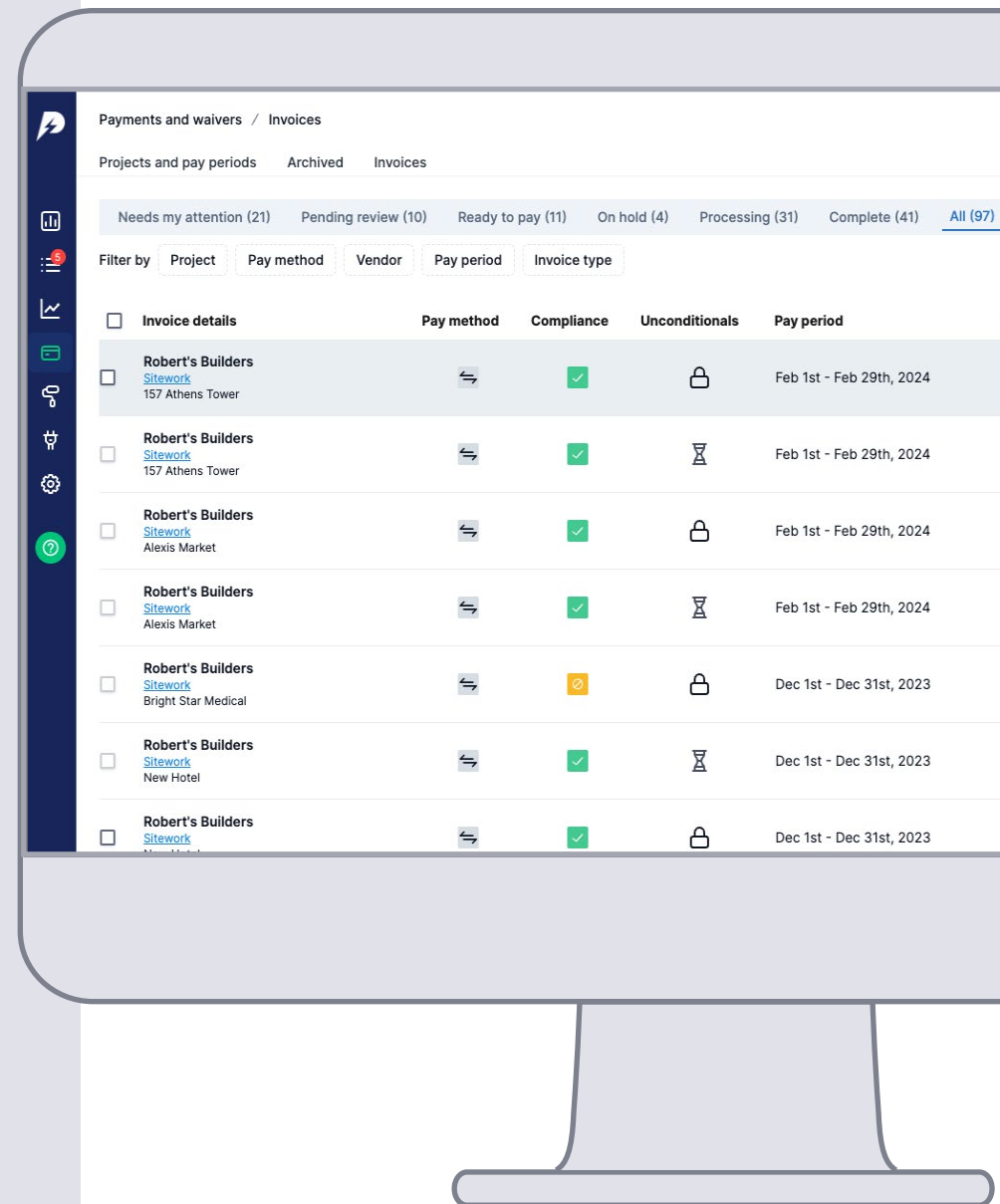


Trimble Pay streamlines the flow of compliance and payment information between general contractors and subcontractors, making it fast and easy to collect accurate:

- payments applications
- lien waivers
- billing information
- compliance documents

General contractors can now effortlessly automate the subcontractor payment process. Streamline manual workflows, reduce financial risk, and tackle more projects with Trimble Pay.

Best of all, Trimble Pay integrates with your Vista accounting software to reduce double data entry. You can use Trimble Pay + Vista together to leverage the complete end-to-end payment process, from subcontractor onboarding all the way through payment transaction.



## Customize Invoices to Meet Customer Requirements with Flexible Job Billing

Customers often request invoices to be designed a certain way to meet their accounting requirements. That is why Vista's Job Billing provides the ability to invoice jobs in the formats your customers request. Bill by job progress, time and materials or at the labor, equipment and subcontractor level with ease.

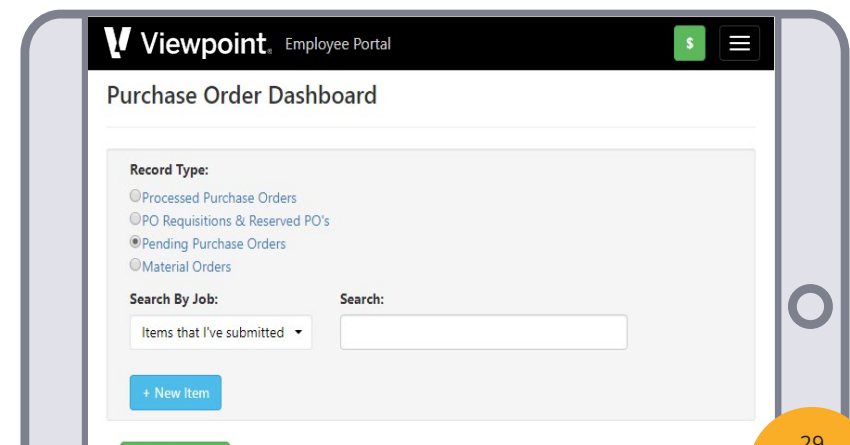
- Initialize owner pay estimates based on percentage complete
- Enable easy retention or holdback tracking and release
- Set-up billing options from AIA preprinted forms or custom invoices via Crystal Reports
- Maximize flexibility by creating free-form invoices independent of Job Cost, including repetitive monthly service-type billings

## Extend Vista Beyond the Office with Viewpoint Financial Controls

Viewpoint Financial Controls empowers the entire construction organization by connecting the office and project team in the field, extending the back-office capabilities of Vista to project managers, engineers, superintendents and foremen. Viewpoint Financial Controls pushes key Vista workflows out to the web or users' mobile devices, allowing tasks to be completed on the go without logging in to Vista.

Automate and streamline accounts payable review, purchasing and job billing. Access and review invoices in the field to enhance communication and processing with the back office in real time. Review and create new purchase order requests with ease. The back office can still maintain control, with the ability to assign invoice reviews or purchase order tasks to relevant parties.

► [Learn more!](#)

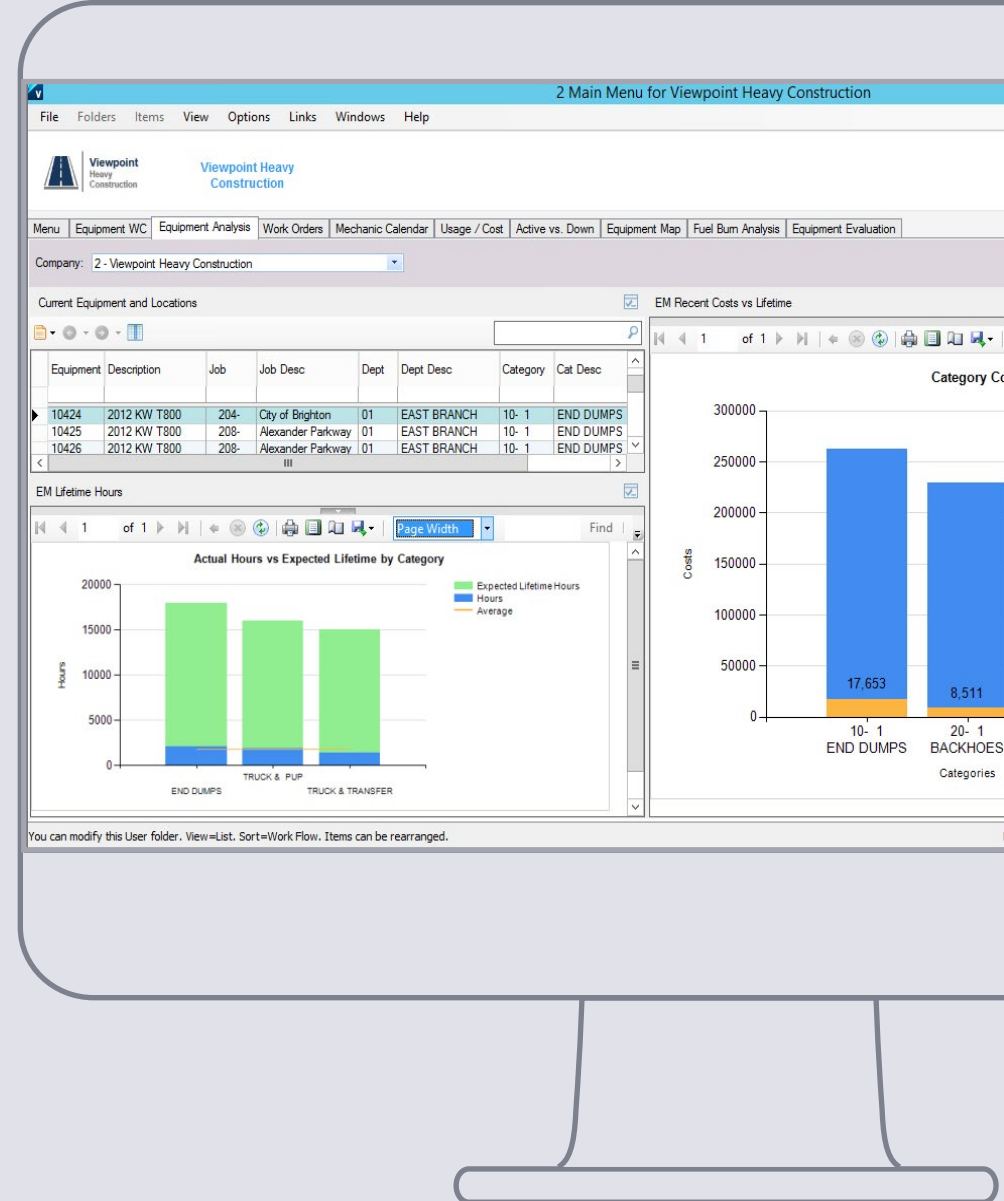


# Operations & Project Management

# Gain Control of Your Projects

Trimble Construction One, with Vista at the center, has everything you need to take complete control of your operations and project management in real time, with measurable results. From pre-construction through project closeout, Trimble Construction One provides contractors with deep levels of project insight, backed by accurate, up-to-date data and workflows.

Immediately know whether or not a project is on track or behind by easily viewing submittals, RFIs, potential issues and much more as work occurs rather than weeks or even months later. This helps you mitigate risks, complete projects on time and on budget, save costly overhead and boost profit margins.



# Improve Your Pre-Construction Processes and Easily Manage Bid Processes

Integrated with Project Management and Accounting within Vista, the Pre-Construction module gives the ability to create and link a PM project, customer contract, subcontracts, and award potential projects with the click of a button.

Information such as attachments and email correspondence, is directly accessible within your PM project. Invitation to bid notifications and addenda can be sent from within the Pre-Construction module, or from ProjectSight, and are recorded along with any responses specific to the potential project and bid package.

- Avoid duplicate entry and unnecessary errors with integration of PM and accounting
- Streamline the bid management process
- Gain an enhanced view into market trends and win/loss performance
- Have peace-of-mind before hiring subcontractors
- Lower risk with pre-qualified vendors

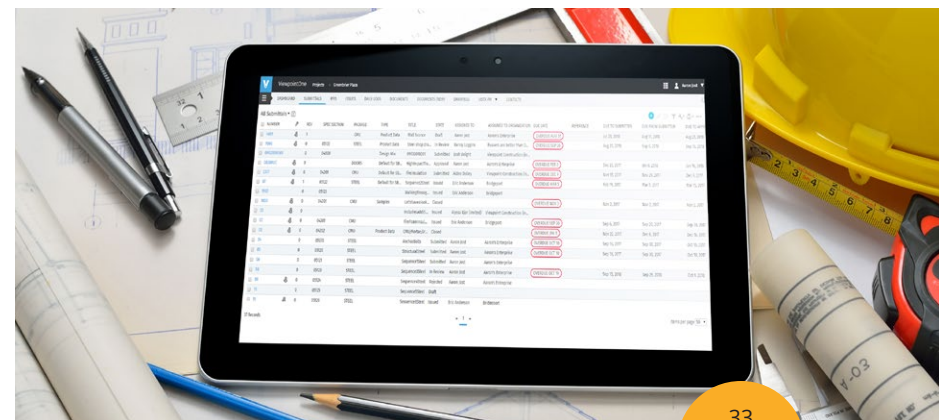


# Streamline Project Management Tasks and Workflows

Trimble Construction One's powerful ProjectSight Project Management is easy-to-use, reflects real world construction workflows and processes, and is integrated with Vista Accounting and Project Management—improving operational efficiencies, streamlining processes and eliminating double entry leading to more profitable projects. Project information is at your fingertips.

Project managers are able to view, analyze and make decisions with critical data such as forecast cost to complete, budget overruns, unapproved change requests, unanswered RFIs, overdue submittals and revised specifications.

- Automatically mine information regarding subcontractors, suppliers, vendors, materials crews, equipment, personnel and much more
- Built-in Inquiry tool provides you quick access to information and offers drill-through capabilities
- Upload estimating data into Project Management from a variety of third-party estimating software packages, including several from Trimble
- Complete document and compliance tracking, including submittals, RFIs, daily logs, punch lists and licensing and bonding documentation
- Reduce profit fade on projects by staying ahead of the scope of changes and cost impacts on your project in real time
- Speed up quality work by ensuring timely data is communicated quickly



# Effectively Manage Subcontractors with Ease

Vista's Subcontract Ledger tracks committed and actual costs, change orders, and compliance issues, managing the complete process from subcontract buy-out and set-up to final release of retainage or holdback. Subcontract Ledger helps businesses manage invoices, compliance and estimates with full reporting capabilities.

- Build stronger subcontractor relationships
- View multiple line items on subcontracts by either lump sum or unit price and easily update job cost phases
- Handle special subcontract deduction items like insurance and bonding with ease



# Simplify Your Purchasing Process

Establish an orderly workflow to your purchasing process from point of initial request, through soliciting vendor quotes, to final review, approval and issuance with Vista's Purchase Order module. Fully integrated throughout Vista, Purchase Order helps you easily manage inventory and workflows at either the accounting level or company-wide to track and monitor commitments, shipments, and expenses.

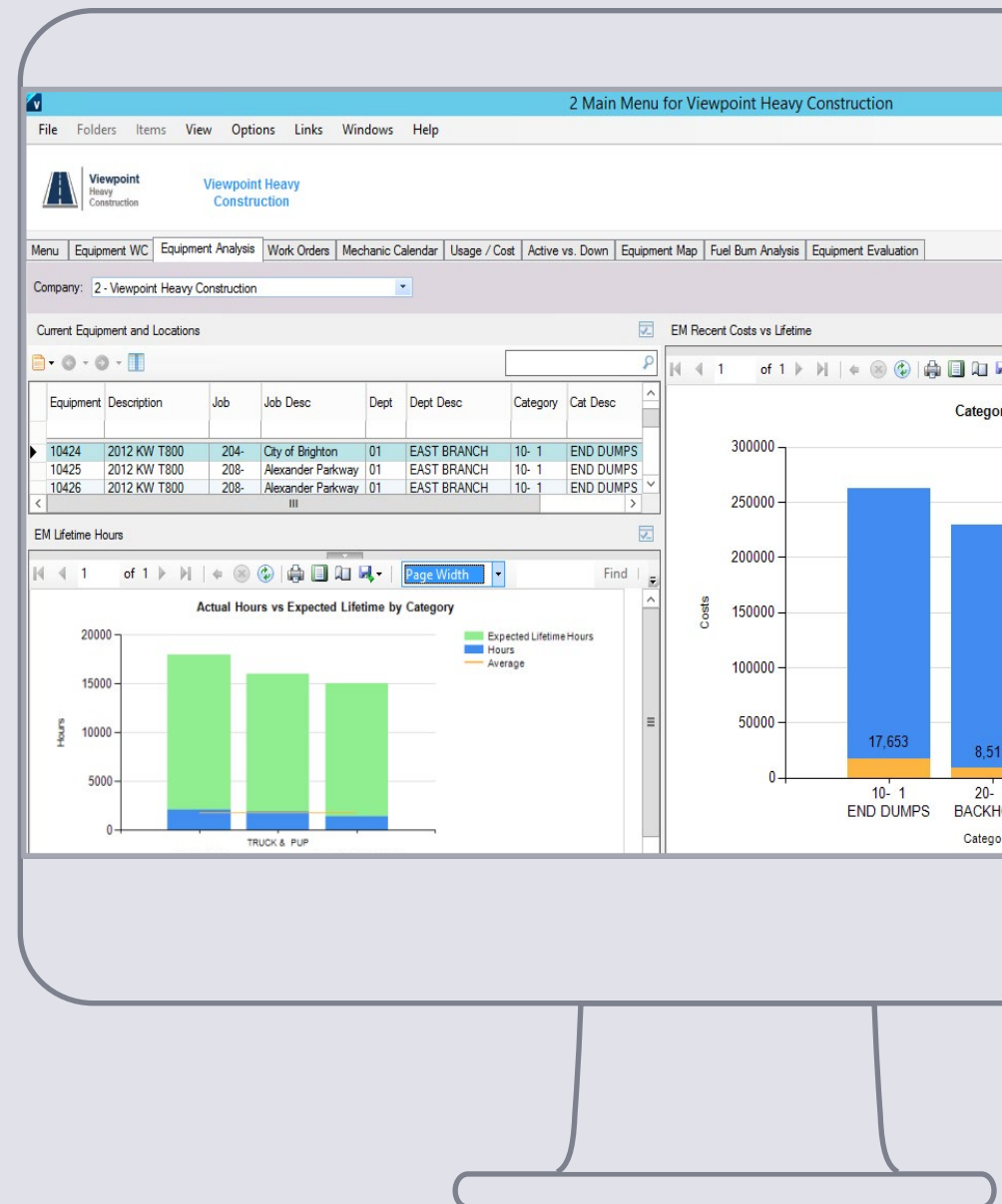
- Achieve better job cost and payables control
- Simplify workflows and set up processes like inventory scans to preorder needed items when stocks are low
- Drill-down capabilities into purchase orders, with customizable sorting



# Find Your Equipment Management Sweet Spot

Heavy machinery and equipment are one of the biggest capital assets contractors have, and effectively managing these assets to maximize their life cycles is vital. Vista helps equipment managers better identify where their equipment “sweet spot” lies to better understand when equipment usage, maintenance and repairs are costing more than asset replacement.

- Single-step data entry and full integration to Vista
- Flexible revenue rates for each piece of equipment and category
- Easily track location for equipment movement
- View monthly calculations of book depreciation with fixed asset schedules
- Scheduling and preventative maintenance alerts, with detailed maintenance schedules and parts and labor management



# HR & Payroll

# HR Solutions, Built for Contractors

Your employees are your most vital asset. Vista allows you to streamline your everyday human resources management and efficiently facilitate complex payroll processes. Keep employees informed, processes moving and your workforce happy.

Vista's Human Resources module is designed to help manage both people and reporting requirements. A robust system that can handle various level of complexity by division, region or project, across union and non-union employees provides maximum flexibility in sorting and reporting data. And, the integration with the Payroll module keeps data synchronized. Create a secure, confidential virtual filing cabinet of all employee data, records and tracking information, with the ability to pull up and adjust records in real time rather than sifting through mountains of paperwork.

1 HR Resource Master for Viewpoint Construction Services

File Edit Records View Options Tools Windows Help

Resource #: 550 Cranston, Michael R

Dependents Benefits Employment History Salary History Reviews Schedule Training/Education Skills Rewards Discipline Grievance

Assigned Assets Safety Director Tab eForms New Hire Documents

Grid Info Payroll Info Other Info ACA History Application Physical Results Filing Status Notes Applicant Reference App

Name

Last: Cranston Marital Status:

First: Michael Maiden Name:

Middle: R Suffix:

Spouse Name:

Sort: CRANSTON550

Address

Street: 7426 152nd Avenue Add'l Address:

City: Atlanta State: GA Phone: 404-842-7458 Work:

Zip Code: 30381 Country: US Pager:

Cell:

Email: demo@gmail.com

## Simplify Management of People and Reporting Requirements

- Allow employees to enter their own paid time off and access a library of documents
- Effectively track applicant and employee data
- Automatically update skills, certifications, safety records, drug testing and much more
- Streamline salary and benefit tracking
- Synchronized data updates between Human Resources and Payroll in real time
- Extend access to employee earnings and digital paystubs on the web from any device
- Quickly and flexibly onboard new employees to meet project and seasonal hiring demands
- Digitize the I-9 eligibility process from a mobile device
- Maintain OFCCP compliance through integrated job boards posting partner JobTarget



### Tellepsen Streamlines Employee Onboarding, Management with Vista, HR Management

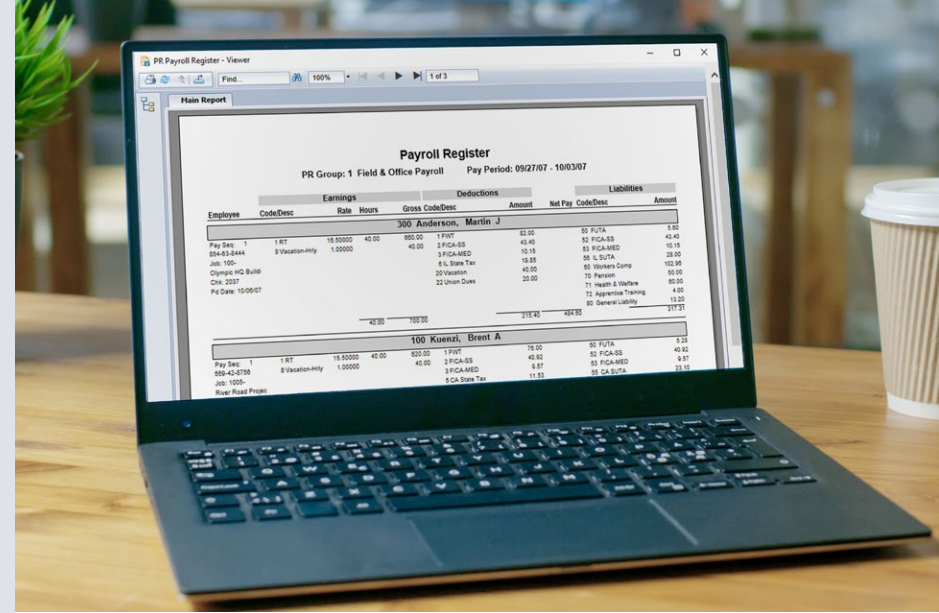
Houston-based commercial general contractor Tellepsen Builders maintains a workforce of more than 1,000 employees, and with work on major projects, can onboard up to 3,000 new hires each year. Processing all of the onboarding and management paperwork for thousands of employees can be a time-consuming, administratively-draining process. That was the case before Vista and Viewpoint HR Management, anyway. Tellepsen took advantage of easy-to-use features of Viewpoint HR Management and seamless integration with Vista to let employees streamline onboarding through digital documents and self-serve functionality. This automated Tellepsen's HR processes, shaving days of work off the back office and allowing HR teams to focus on stronger HR relations with its team members.

"It's really helped us," said Tellepsen HR Director Maryanne Henn. "It allowed us to have more quality conversations with new hires. At the same time, it shrunk down the time to input in Vista because it populated the fields for us."

► [Read the full Tellepsen Builders story.](#)

# Reduce Typical Payroll Headaches

Vista features a flexible Payroll module that adapts to all of your construction needs. From automating complex union payroll processes to untangling multi-state, multi-company work, to compliance with federal, state and contractual requirements, Vista makes it easy to streamline payroll processes across your organization. Multiple users can enter information directly from time cards onto one screen, capturing all information required to produce payroll checks, tax and insurance reports, plus union and certified reports. Batch entry and easy editing make corrections simple—online prompts eliminate the need for stacks of reference printouts. Payroll also includes fast information processing delivering detailed job cost reports at any time interval required.



- Reduce the amount of time and effort required to process payroll
- Streamlined time card management
- Multi-company and multinational functionality
- Efficiently track and share employee expenses across integrated modules, including HR Management, Job Cost, General Ledger, Equipment Management and Cash Management
- Flexible payroll calculation methods
- Simplify federal and state regulatory compliance with electronic filing
- Customizable security and access settings

# Modernize Onboarding and Empower Employees with Viewpoint HR Management

As part of the Trimble Construction One suite, Viewpoint HR Management extends the power of Vista and removes burdens from your HR staff through a web-based, self-service portal. Viewpoint HR Management allows employees to access their own information and streamlines back-office operations for HR, payroll and accounting teams.

Employees have an easy-to-use tool to complete onboarding tasks, complete a digital I-9 federal eligibility form, request time off, submit expenses, enter labor time, access electronic documents like pay stubs and W2s, 1095-Cs, T-4s, review skills training and much more.

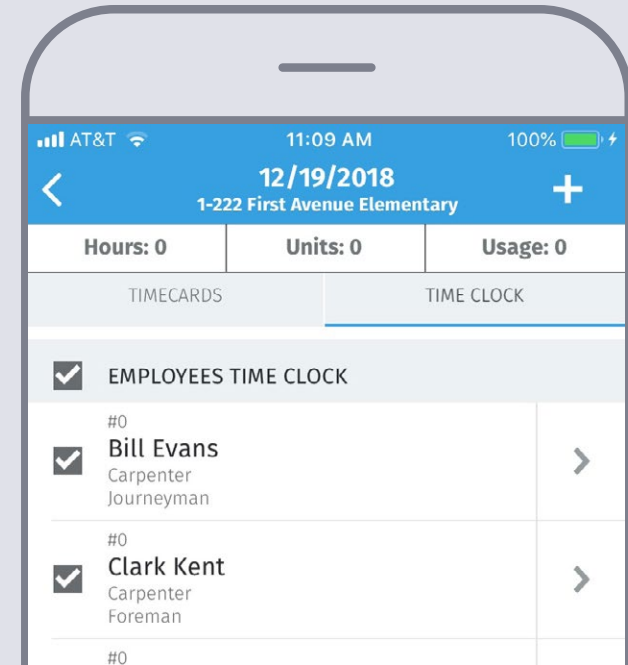


# The Right Tools to Hire the Best Teams

The construction labor shortage is the problem everyone knows about, but not something everyone is equipped to do something about. With Viewpoint HR Management and integrated partner JobTarget you can connect to more than 25,000 job board postings to effectively and efficiently recruit the best talent.

Give your employees an exceptional onboarding experience through easy-to-follow web tools. HR can also conduct performance reviews, send out group messages or emergency texts, quickly update employee information and share personnel documents and communications with employees in real time.

► [Learn more about Viewpoint HR Management.](#)



## Simplify Timecard Capture from the Field with Viewpoint Field Management

Easily capture and enter labor time directly to Vista from a mobile device. Time can be entered for individuals or in-bulk. Utilize Vista lookups so that phases and jobs are never out of sync. Flexible review and approval workflows ensure accuracy and timeliness and digital signatures ensure accountability.

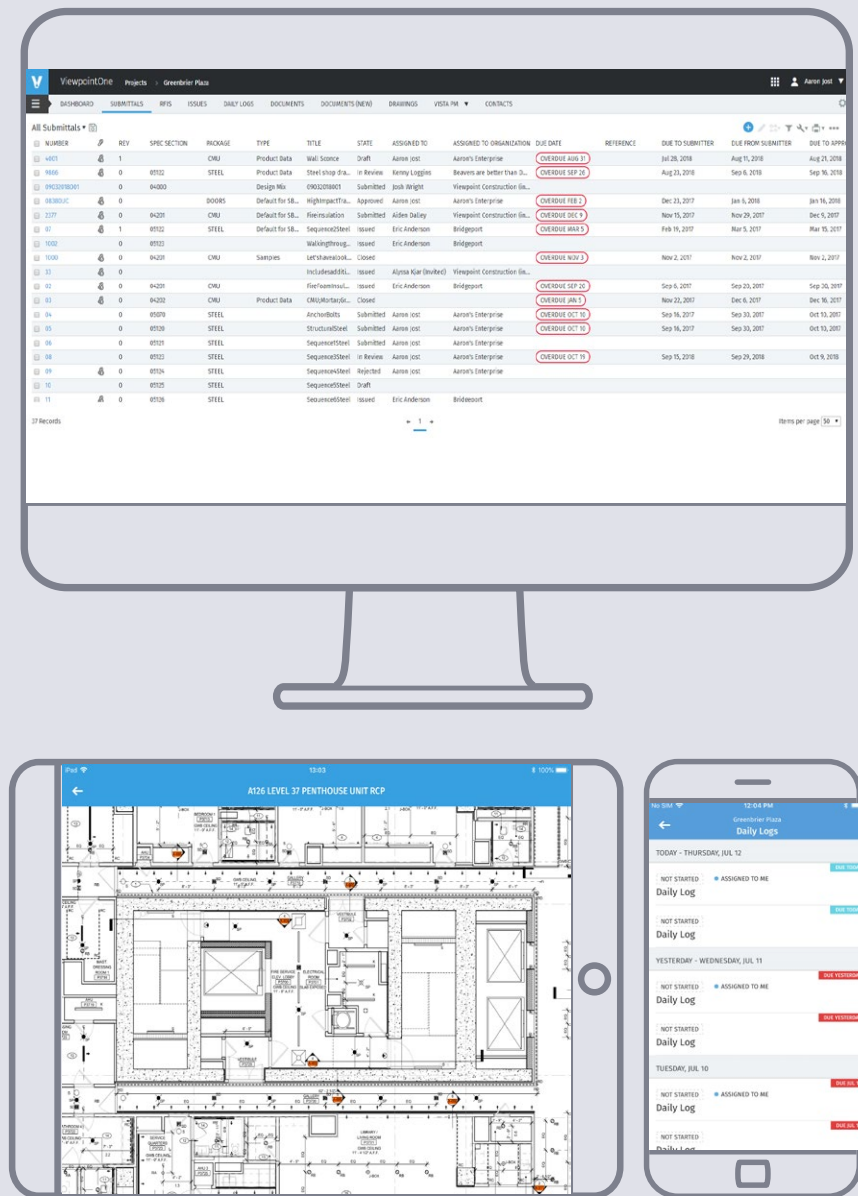
► [Learn more about Viewpoint Field Management](#)

# Project Delivery

# True Construction Collaboration

Your projects are the most productive and profitable when everyone on your extended project team is working from the same page of the project plan in real time.

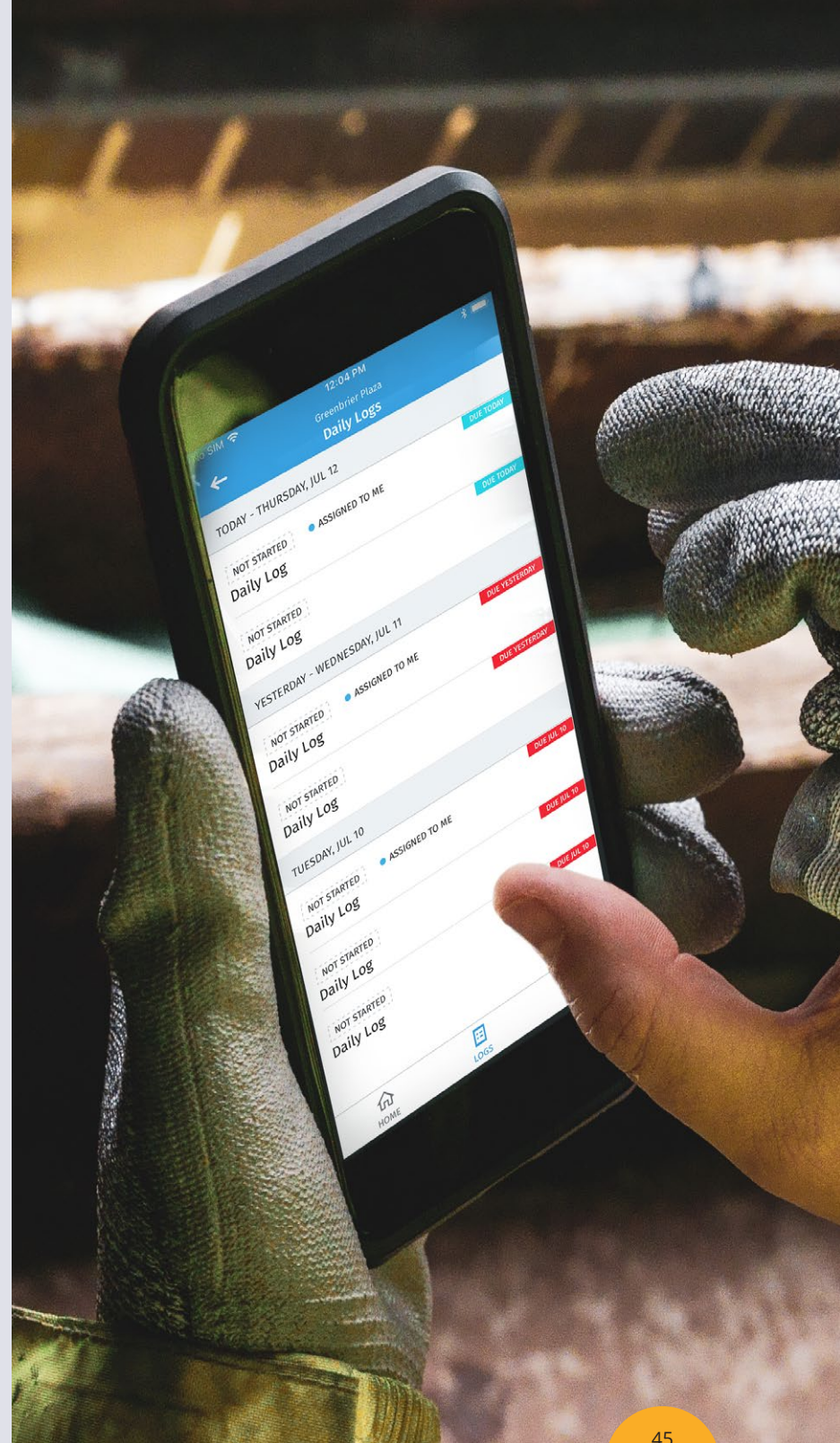
Vista was designed to simplify the complex collaboration processes around construction, connecting people to the documents they need, when they need them, and facilitating streamlined processes to ensure data is accurate and timely and work is done correctly the first time.



# Move Beyond Paper and Get the Real-Time Data You Need

Better collaboration begins with documents—the life blood of any construction project. Trimble Construction One provides powerful, built-in document management tools to scan, store and share project documents. At the push of a button you can automatically instruct a TWAIN compliant scanner to create an image of the document, index it to the information in your Vista form and associate the image to your data records throughout Vista. Batch scanning allows multiple documents to be scanned consecutively and held in a temporary directory, speeding up and simplifying the scanning and processing of groups of documents.

- Increase accessibility of your documents by providing easy-to-update digital versions
- Reduce costs of handling, storing and duplicating paper documents
- Improve internal efficiency by reducing the time your employees spend locating documents and files
- Avoid having to reproduce lost documents

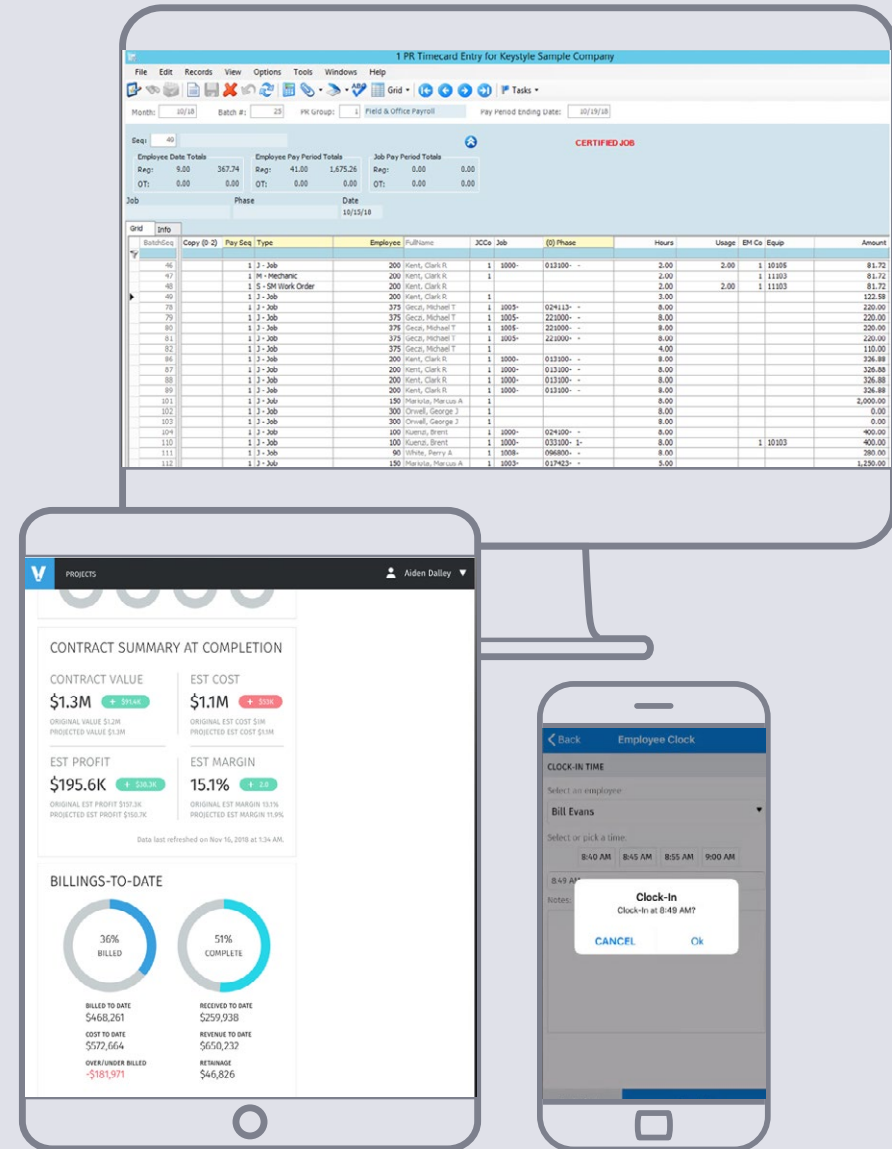


# Field Management

# Web and Mobile Field Solutions for Modern Project Demands

For projects to be successful, your teams in the field need to be productive and work efficiently. You know how quickly your jobs can get bogged down in administrative tasks; how lack of real-time information can lead to constant project delays; how quickly mistakes can occur and spiral out of control.

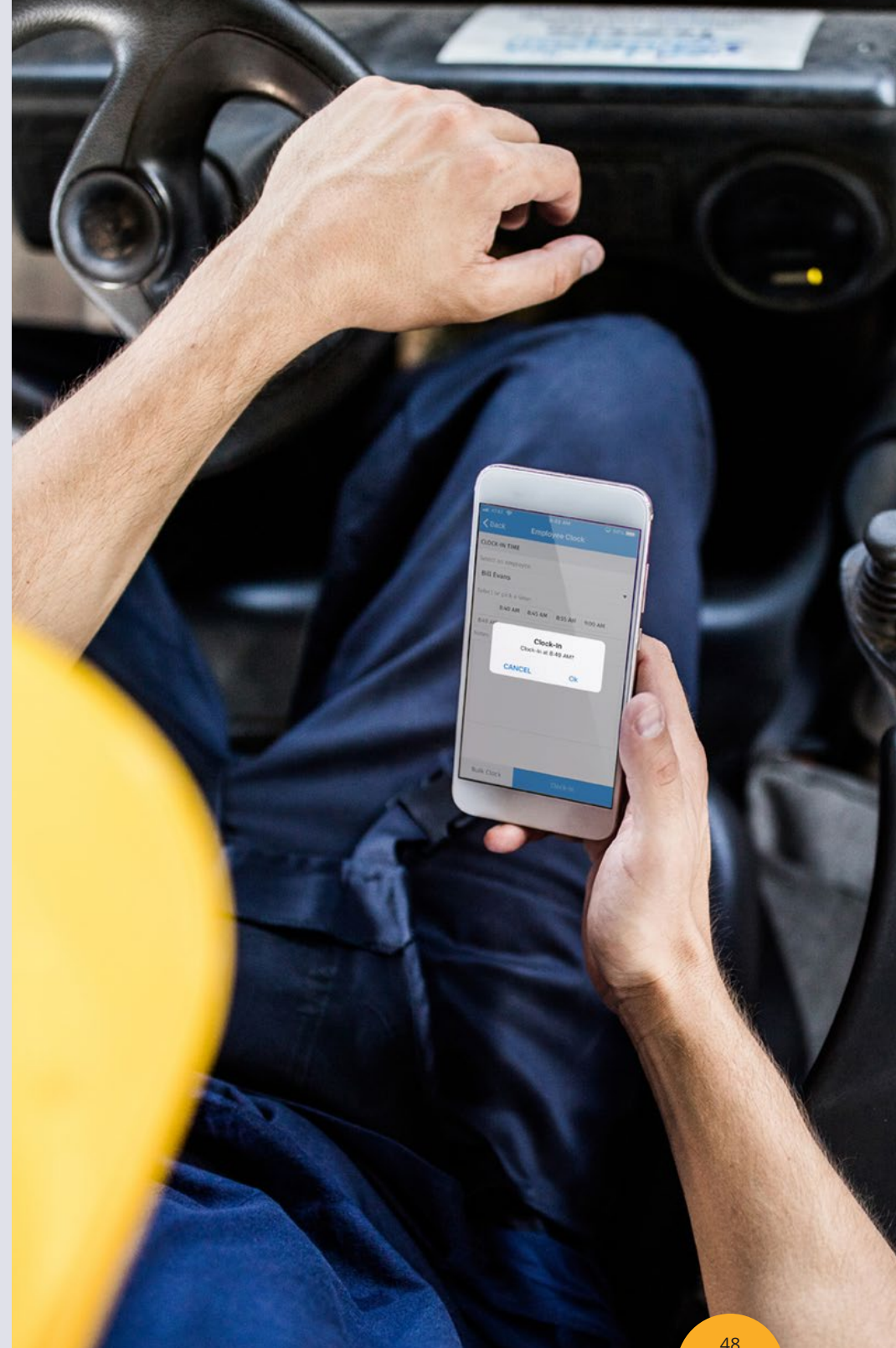
Trimble Viewpoint has your back. By connecting the office and the field in real-time, Vista's cloud-based functionality is extended to your entire project team—with secure, relevant information at the fingertips of those that need it, whether working from home, on a laptop in a job trailer or a tablet or smartphone device on site. Remove paper, standalone spreadsheets and other manual processes from the mix and replace them with a collaborative solution that keeps everyone updated and projects more productive.



# Realize the Power of Automated Workflows

Vista features powerful automated workflows, leveraging real-time data to create sound processes, assign tasks and alert responsible parties when action is needed, with complete audit trails. With notifications and user-friendly review capabilities, you'll be able to easily track the status of tasks in your workflow each step of the way.

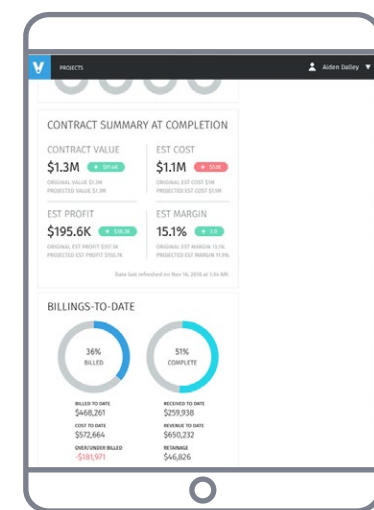
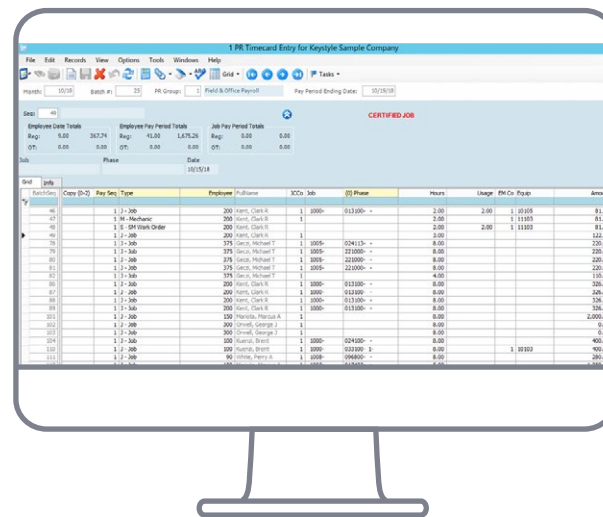
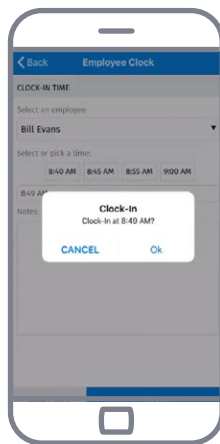
- Automate unique workflows and procedures, including the ability to customize workflows to meet specific needs
- Proactively manage tasks, unapproved invoices, past due accounts, project management documents, equipment and material needs, labor hours and much more
- Easily initiate workflows based on user defined triggers
- Stay up to date on reviews, eligibility dates, compliance documentation or certification expirations
- Replace manual processes and improve company-wide productivity by connecting data between the office, field and extended project team in real time



# How Can Your Project Workflows Improve with Trimble Construction One and Vista? Here Are Two Examples:

## Example 1

## Mobile Time Entry, Payroll Review and Operational Reporting Workflow

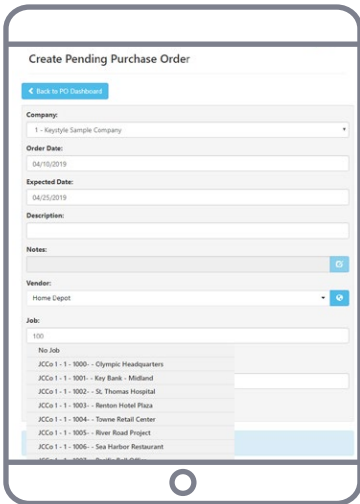


1. A superintendent enters crew time in Viewpoint Field Management from the jobsite.
2. Payroll is reviewed, approved and posted by the payroll manager in the office, while labor time from Vista PR updates Vista Job Cost.
3. The project manager reviews the project's operational reports, which pull job cost data directly from Vista. The top report incorporates payroll data and more to show the gain/loss versus the original contract estimate.

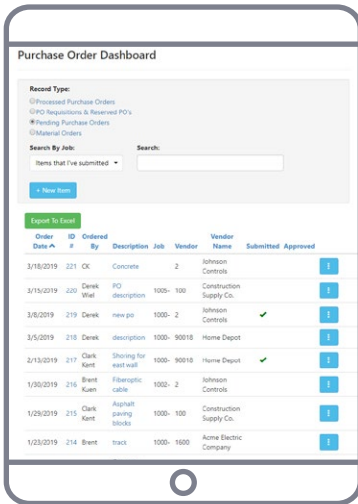
# Improving Your Project Workflows

## Example 2

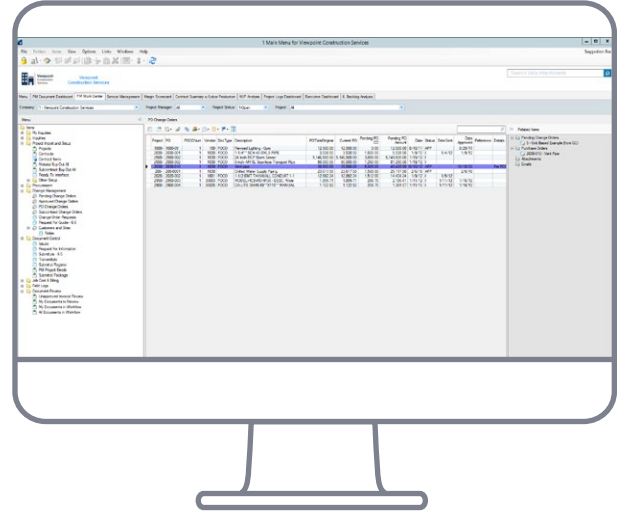
### Pending Purchase Orders Workflow



1. A superintendent enters pending purchase orders from the jobsite into Viewpoint Field Management.



2. The project manager reviews the purchase orders and can route in the proper transparent workflow.



- 
- 
3. The purchasing agent creates a purchase order in Vista once approved in Viewpoint Field Management.

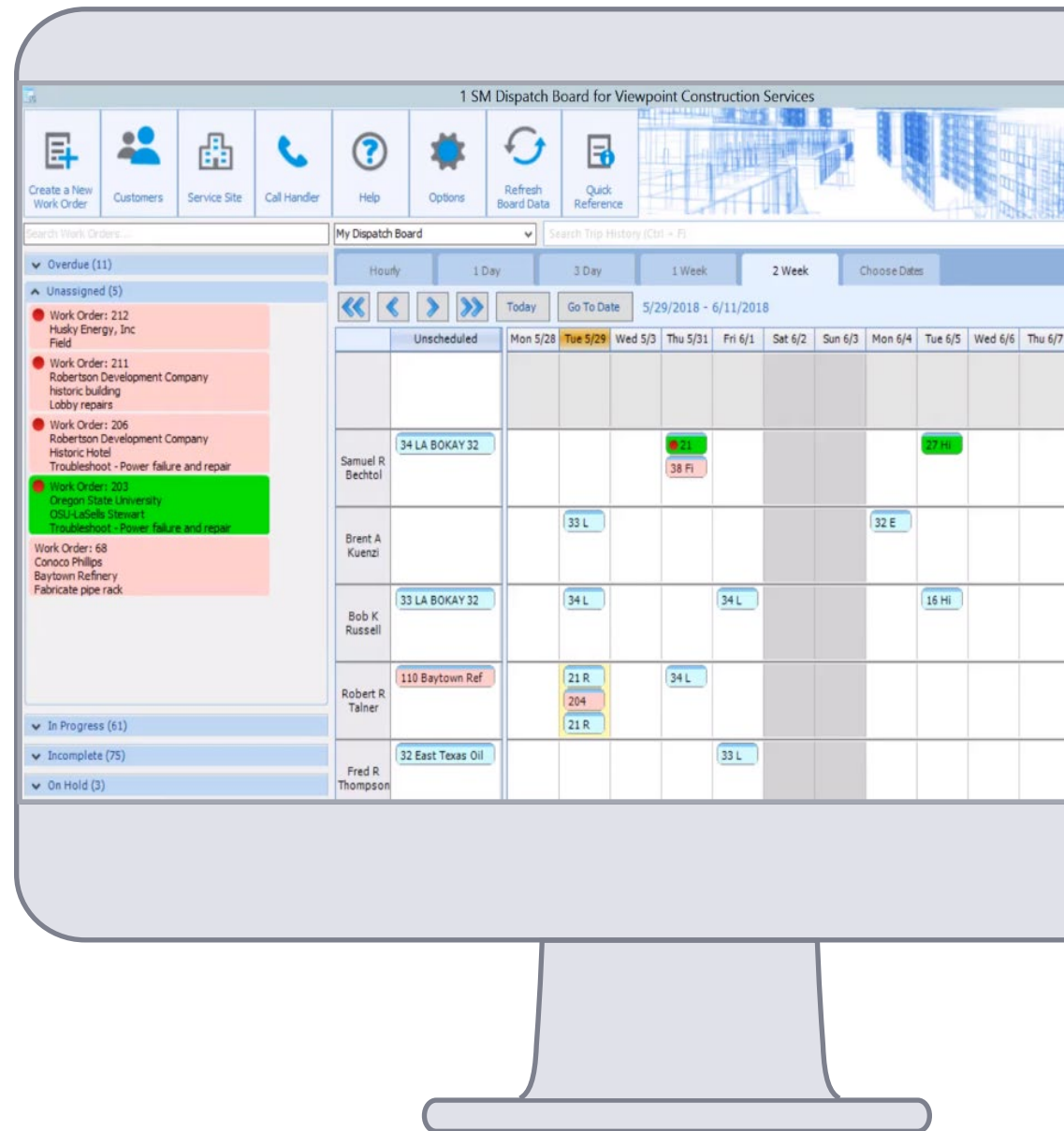
For a look at more workflows that can be automated with Vista and Trimble Construction One, read [this informative e-book](#).

# Service Management

# Integrated Service Management

If your contracting business includes a service element, then you know keeping your clients not just satisfied, but thrilled with the experience you provide is critical to your long-term success. And that all boils down to how you manage your service processes.

Vista was built with service contractors in mind. From integrated tools to manage service agreements to intuitive dispatching capabilities to mobile-enabled work order management solutions, Vista has everything a service contractor needs to streamline back-office processes, while simultaneously empowering your technicians in the field to perform stellar service work.



# Effectively Manage Your Entire Service Agreements Process

Take all the guesswork out of service agreement management and eliminate the potential for oversight with Vista's Service Agreements module, including quoting, pricing, renewals, scheduling and periodic billing functionality.

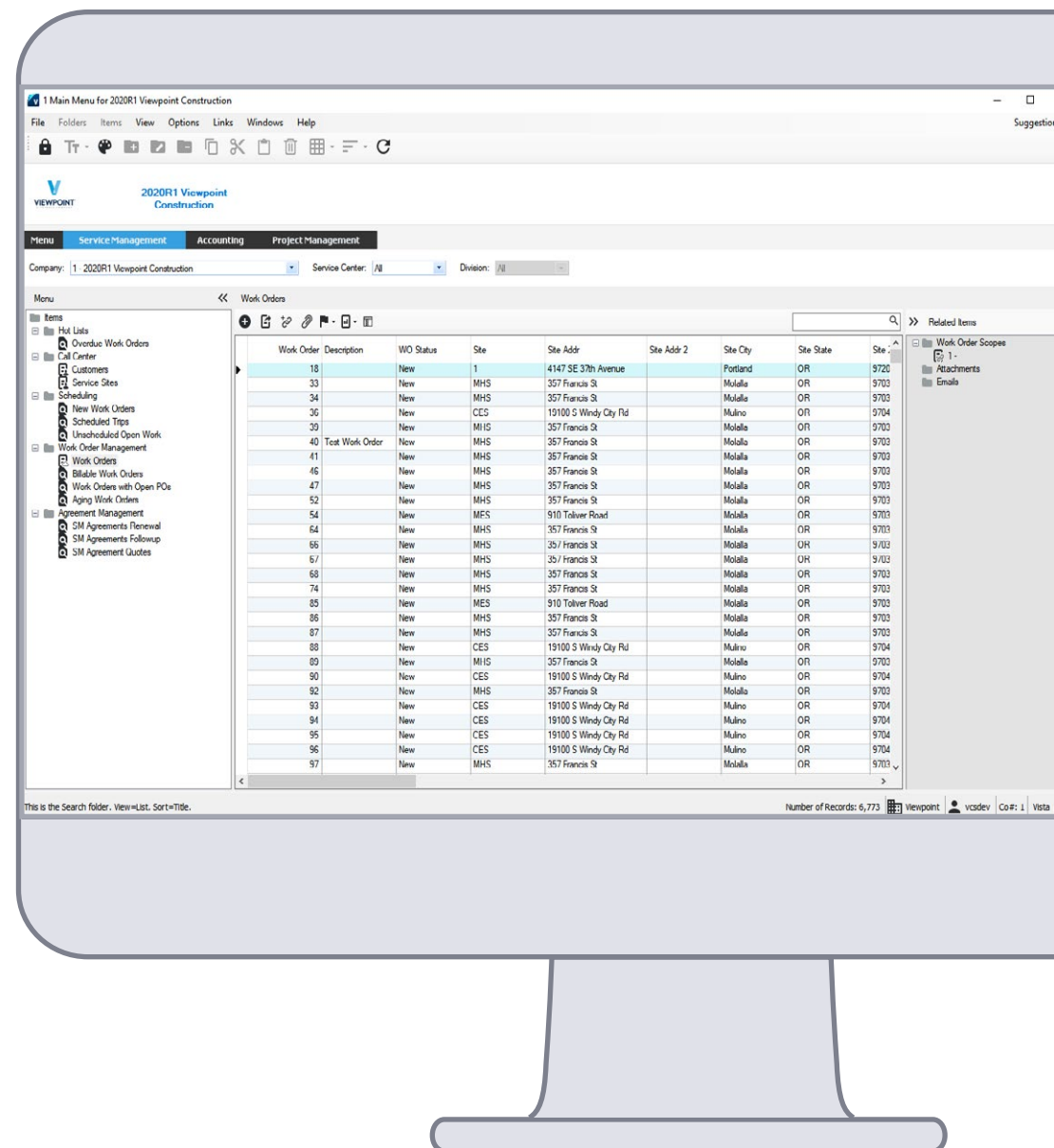
Automate scheduling of routine maintenance work for each customer, and facilitate agreement-based billing. Automatically generate work orders directly from the maintenance schedule. Easily track add-on work, as it occurs against the agreements for a complete account of all revenue driven by the agreement, providing a more accurate depiction of profitability.



# Modern Service Management Benefits

With Vista, you can:

- Stay on top of maintenance work, with a continual realtime backlog of all work that is current due, past due and upcoming for all active agreements; auto-generate maintenance work orders from this back-log as needed
- Streamline tracking maintenance on equipment and define maintenance schedules and the tasks to be performed
- Easily facilitate renewals, with alerts for expiring agreements
- Simplify your service billing, with the flexibility to bill your customers as they require—whether annually, monthly or on a Customized schedule
- In-depth profitability tracking and the ability to track and factor in work outside of the scope of service agreements



# Facilitate Rapid Response to Customer Calls

Use Vista's intuitive drag-and-drop dispatch board to provide a comprehensive view of all work needed to be performed and the available resources to perform the work. Schedule work orders across days or for a particular time within a given day and view work orders that are overdue or have an incomplete status from a prior day.

- Simple drag-and-drop functionality makes scheduling and dispatching easy
- Access details about each technician's skillset or specialization
- Easily reference key information about the customer or site
- Alerts, messages and controls ensure the dispatcher has all the information needed to respond to the customer quickly and accurately
- Quick reference panel brings relevant information about a highlighted item (e.g., work order) to your fingertips



## Vista Helps Snyder Roofing Track Profitability and Costs of Service Division

One of the key reasons Snyder Roofing selected Vista was for its intuitive service management capabilities. With Vista, the company is able to track its profitability and costs on both companywide and departmental scales, as well as down to the individual work order level. And Snyder Roofing was also able to streamline its service processes.

“One of the features I've really come to love is the service dispatch board,” said Service Coordinator Emily Hakala. “It is a drag-and-drop dispatch board and its very easy to see all the details of a job—everything you need is right there at your fingertips.”

► [Watch this Snyder Roofing testimonial video.](#)

# Simplify Work Order Management

Vista's Work Order Management module enables you to easily create, assign and manage service work orders, increasing field technician productivity and leading to improved quality and cash flow. Information is captured at the initial work order and is automatically available for processing throughout the back office. With the Inquiry Tool your technicians also have quick access to information and the ability to drill down into data and related queries, saving valuable time.

- Quickly enter work orders in the system and create or change work orders as needed
- Flexible scheduling for one or more technicians for a work order; easily re-schedule as needed, track trip progress and completion
- Easily capture costs and bill in a timely fashion with intuitive review processes to ensure accuracy
- Flexible billing capabilities, including partial billing, the ability to bill a work order more than once, or multiple work order billing
- Detailed reporting, including productivity and profitability, and ability to tie revenue and costs from Service Management to your general ledger



## Streamline Work Orders and Boost Techs' Efficiency with Vista Field Service

Vista Field Service is a mobile work order solution for service contractors that provides techs with all the information they need to complete their work for the day, and instantly pushes data about what was completed back to the office, all on their phone.

- Extend Vista Service Management to the field
- Simplify work orders and technician dispatching
- Bill and get paid quicker with electronic signature capture and fast invoicing
- Easily capture labor, equipment and materials cost data from the field

► [Learn more about Vista Field Service](#)

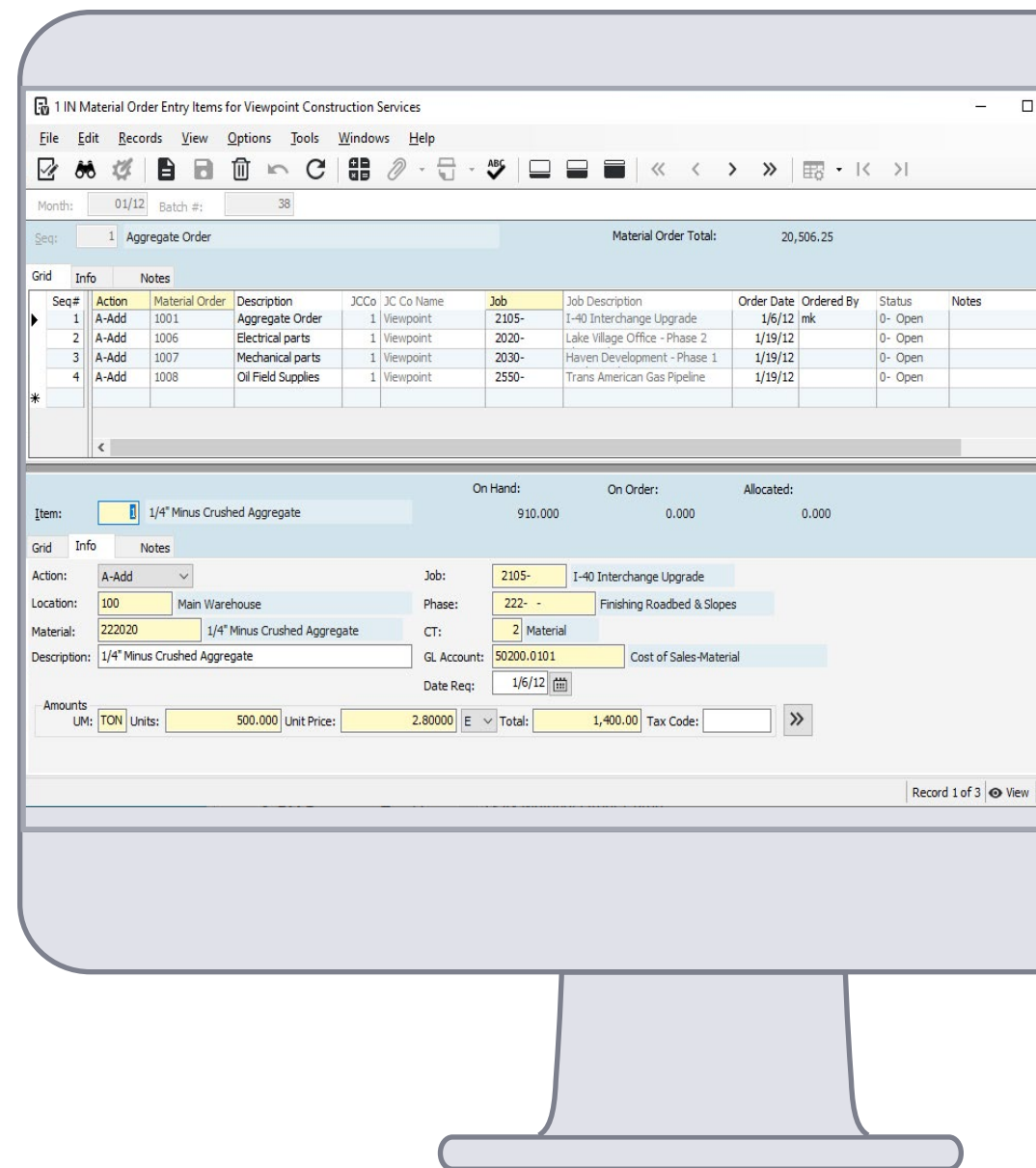
# Materials Management & Inventory Control

# Modern Materials Management

Preventing material waste is among the toughest—and costliest—challenges your organization can face. With so many moving parts on projects today, it's easy to overlook just how your materials, parts, tools and more are being utilized and accounted for.

Take control with Vista's powerful, user-friendly Materials Management and Inventory Control modules.

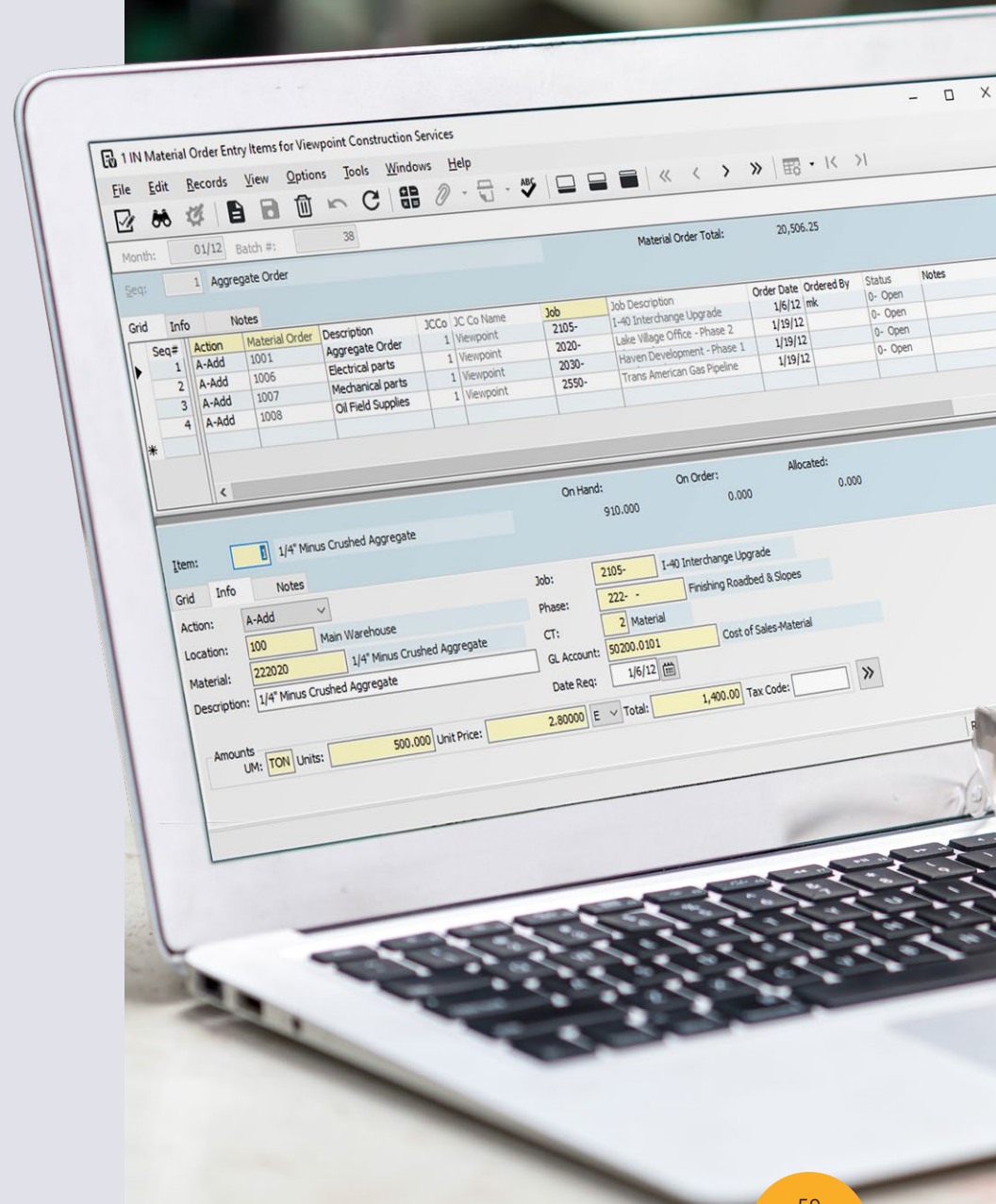
Highly integrated with the other Viewpoint accounting and operations modules, including Purchase Order, Accounts Payable, Job Cost, Material Sales, Equipment Management, Project Management and General Ledger, these Vista solutions help you reduce costs and improve cash flow, visibility and decision making.



# Achieve Total Inventory Control

Whether tracking inventory for sale to customers or for use on your own projects, Vista's Inventory Control module helps you optimize the flow of goods and shortens routes within your warehouse, distribution center or other inventory procurement channels.

- Reduce costs for warehousing, transportation, order fulfillment, and material handling—while improving customer service
- Track inventory and costs across multiple locations, with automatic updates recorded to Job Cost and General Ledger modules when inventory materials are used
- Easy-to-update workflows for material and inventory counts
- Automated material order recording
- Full reporting functionality, including a complete history of inventory transactions



# Automate Your Materials Sales and Tracking Processes

Vista's Material Sales module is a full-featured order processing and materials transportation management system for contractors who produce and sell materials. Used in conjunction with Viewpoint's Job Cost, Equipment Management, and Inventory modules, Material Sales eliminates duplicate entry and streamlines your materials information flow.

- Easy material ticket entry processing, with ability to upload from scale ticketing systems
- Seamlessly track quoted, ordered and actual units sold
- User-defined templates for flexible material quoting and pricing options
- Automatically generate and track surcharges for fuel and other fees
- Track raw materials inventories and easily manage inter-company sales and inter-plant transfers
- Track both owned equipment and independent haulers—charges assigned per unit, per hour, or per load



## Guarantee Electrical Streamlines Inventory Reports with Vista

Before moving to the cloud with Vista, Guarantee Electrical used to spend hours on an inventory report to update 4,000- plus materials on each of its 60 service vans. "Now," said the company's director of IT, Dennis Heinle, "it takes less than 15 minutes ... the flexibility the cloud version of Vista gives us is great."

The company was also able to extend real-time access to Vista to users across the company—no matter where work takes them, and in the meantime was able to reduce its data storage footprint at its disaster recovery site by around 30%.

► [Read the full Guarantee Electrical story.](#)

# Reporting & Analytics

# Powering Data-Driven Contractors

Data is the fuel that powers your construction business decision making.

As part of the Trimble Construction One suite, Vista users have access to Trimble Construction One Analytics, a data platform providing easy, self-service reporting and predictive analytical capabilities.

Built within the leading-edge Microsoft Azure Cloud platform, Trimble Construction One Analytics dramatically improves your reporting abilities by providing real-time metrics, visualizations and dashboards, easily queried through self-service tools in seconds. Instantly compare and analyze your real-time data in virtually any format you can imagine.

Easily build and measure against new KPIs and both internal and industry benchmarks. And, take advantage of predictive analytic tools that let you better forecast future work and identify trends, get ahead of potential issues and open new doors of growth opportunities.



## The Best Part?

You don't need a team of advanced data scientists, expensive third-party consultants, or hours upon hours of labor-intensive work to get to this level of insight. And, you do not need to know SQL! Trimble Construction One Analytics does the heavy lifting. Thanks to automated data collection and workflows through Trimble Construction One and Vista, end users can largely plug-and-play within Trimble Construction One Analytics, easily moving information between data cubes or running advanced data queries in a few clicks.



# Visualize and Share Data in Virtually Any Format

Give your teams the data they need in the ways that are most relevant to them—whether simple dashboards for executive teams, project-level visualizations and comparisons for project managers or detailed, line-item reports for accounting and financial professionals.

- Let individual users determine the data they want to see and how they want to see it
- Quickly segment, view and compare data via reports, charts, graphs, geographic mapping and other visualizations
- Easily build out customized dashboards, automatically populating and updating data in real time
- Seamlessly share reports and data visualizations with other team members



# Identify Trends to Influence Future Work

Trimble Construction One Analytics gives you the ability to effectively forecast ahead and spot future trends. Intuitive predictive analytic tools help spot common data themes to show the probability of similar results or the likelihood of subsequent actions triggered by data collected and analyzed.

- Easily identify, met and set new personal benchmarks; and compare current and predictive data and results to industry-wide benchmarks to see how your organization stacks up
- Spot recurring problems and target action plans to mitigate project cost overruns, delays and issues with future work
- Understand which future jobs are worth the effort and which carry too much risk, and explore new market and business opportunities for your company—armed with data rather than guesswork



## ATG Gains Construction Intelligence with Trimble Construction One and Trimble Construction One Analytics

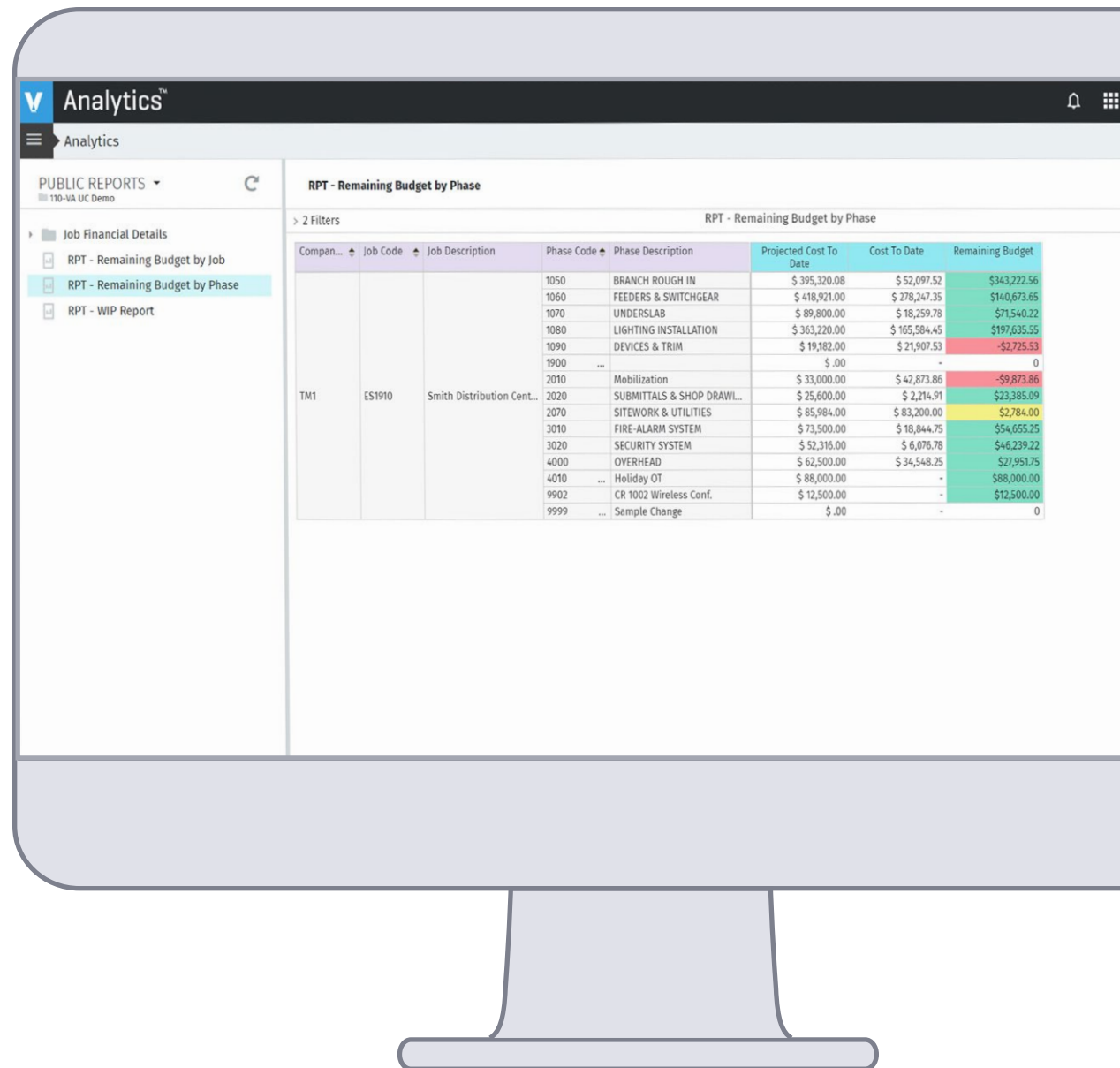
When Portland, Ore.-based Advanced Technology Group (ATG) sought to become a more data-driven contractor, the company turned to the Trimble Construction One suite of solutions including Trimble Construction One Analytics. Doing so gave ATG real-time insight into its projects, and deep, yet simple to use analytical tools to make smarter operational and business decisions. Trimble Construction One Analytics is opening up a whole new world of data-driven possibilities for ATG.

“Trimble Construction One Analytics does a great job of pulling and manipulating data as a starting point for our entire company to dive deeper into a single job or multiple jobs,” said Data Services Manager Lindsey Jones-Robinson.

► [Read the full Advanced Technology Group story.](#)

# Driving Data Transformations

This data intelligence revolution represents the next step in the construction industry's tech-aided metamorphosis. As your projects—and your organization—become larger and more complex, the need to better leverage your data has become a priority. Vista and Trimble Construction One Analytics put you on the path to being a true data-driven contractor.



Ready to reap the benefits  
of a modern construction  
management suite?

**Contact Trimble Viewpoint  
for your own personal demo!**





## ABOUT TRIMBLE VIEWPOINT

Trimble Viewpoint, a Trimble division, is a leading global provider of integrated software solutions for the construction industry. Trimble Viewpoint software enables customers to integrate operations across the office, team and field to improve project profitability, enhance productivity, manage risk and effectively collaborate across the broad construction ecosystem. With nearly 8,000 clients, including more than 40 percent of the ENR 400, Trimble Viewpoint's innovations are transforming the construction industry by fully integrating operations across financial and HR systems, project management tools and mobile field solutions.

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