Construction's
CRS Control Tower

HAMMERTECH

Compliance | Risk | Safety

visit hammertech.com | sales@hammertech.com | Call 866.443.1769

About HammerTech

Over 1 million+ workers are enrolled in the HT platform by leading owners, engineers, and contractors. Each day over 100,000 workers sign-in worldwide, supporting a combined $100 Billion in annual construction volume.

HammerTech is the number one choice in construction for compliance, risk and safety for improved productivity and increased profits.

Founded in 2015, the HammerTech platform empowers leading construction companies around the with central safety and job site operations including: Australia, New Zealand, the United States, Canada and Europe.

Select Customers

You're in good global company

Solution Overview

Turn risk reduction into a work-winning strategy with HammerTech—the Compliance, Risk and Safety Control Tower for construction that improves productivity and profit.

HammerTech makes existing jobsite processes and data more valuable for all stakeholders onsite or remote with all areas of jobsite operations managed in one platform. Turn inspections, incidents, orientations, permits, labor hours daily report data and more into Jobsite IQ that prevents delays, reduces incidents and insurance costs.

Improve forecasts for scheduling, project management, and finance with HammerTech helping you win work and grow your business.

Powerful Enterprise Data:

- Project Performance (Daily Reports, Issues, Lost Time, Injuries, Inspections)

- Trade Performance (Health Score, Personnel, Safety Plans, Job Hazard Analysis, Insurance Pre-Task Plans)

- Personnel (Qualifications and Expiry, Skills, Demographics)

- Labor Hours and Daily Activities (Sign-in Book, Pre-Task Plans, Meetings, Issues)

- Productivity Data (Daily Reports, Pre-Start Meetings, Checklist Completions, Meetings, Stop Work Notices, Tasks)

- Safety and Risk Data (Orientations, Inspections, Near Misses and Incidents, Lost Time, SDSs, Permits, Injuries)

- Equipment Data (Status, Maintenance Records, Servicing Hours, Inspections)

Cloud-based and available on all mobile devices.

Every construction organization has written processes. We all kind of hope and assume everything is in play across our projects but we have no way of knowing without data. With HammerTech, we now have insight on every project and we see the real results, which gives us the opportunity to make a plan to get to where we want to be.

– Grace Herrera EHS Systems Manager - DPR Construction

Benefits

Increase Jobsite Productivity by up to 16% with simplified trade partner and worker on-boarding, pre-task-planning tools and automated reporting in one system. 100,000 workers log in to HammerTech and engage with safety, risk, and compliance processes which lowers injury rates avoiding schedule delays.

Reduce Incidents with a certified Workforce – Pre-qualify and select better trade partners with historic safety, compliance, and risk records from HammerTech. All workers submit training and certifications as part before they start on site so you have the qualified resources for the right work. Prevent lapsed qualifications and certificates of insurance with automated expiry tracking and notifications. Jobsites with certified workers are much less likely to have injuries which reduces incidents and ultimately job costs.

Reduce Insurance Costs and Protect Profit – HammerTech pre-qualifies and empowers trades to assess and control hazards with easy-to-use Pre Task Plan templates and connected JHAs, permits, and equipment. Trend data and audit trails across all jobsite activity including incidents, issues, daily reports drive prevention and are searchable and time-stamped. With immediately accessible records teams finance and operations teams reduce legal risk, investigation time, insurance premiums and claims cost by up to 35%.

Make Better Decisions, Faster – HammerTech replaces spreadsheets and paper-based processes providing up to 43% more accurate real-time jobsite data to all stakeholders. With access to compliance, risk and safety data including leading indicators like labor hours, trade health, incident and issue trends and, stop works notifications teams are equipped to make faster data-driven operational decisions. Avoid delays and improve schedule and cost forecasts with historic data to ultimately improve profitability.
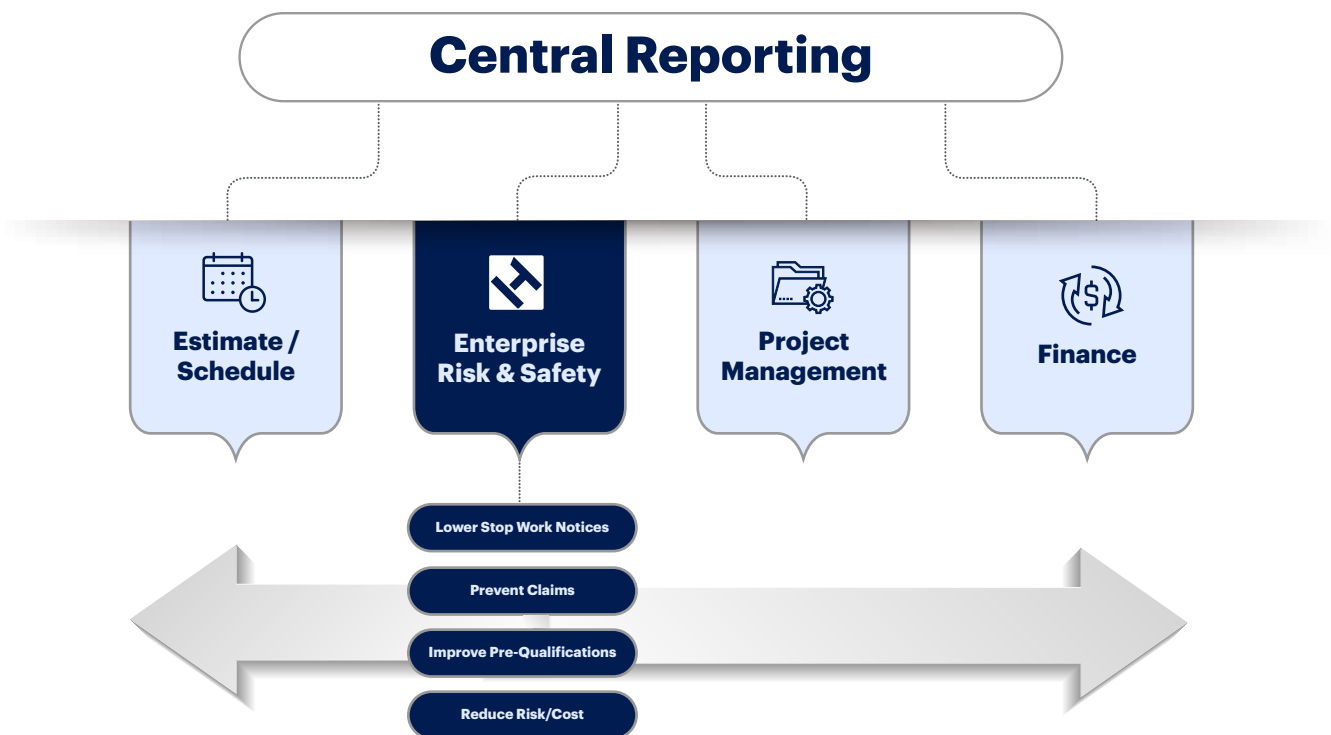
Automate and Integrate – Plug and play hardware solutions integrate with existing access control turnstiles.

Real-time Site Information – Access up to date, real time jobsite information across multiple sites, multiple subcontractors, and workers. Identify issues before they occur. Increase scheduling, controls, and forecasting accuracy with updated field to back office KPI's.

CRS Control Tower

Central Control Tower Management

- One platform. Everything operations and safety in one place.

- Manage pre-construction, quality, safety and job site operations your way.

- A customizable platform to digitize your processes and design workflows that match the way your company operates.

- Eliminate spreadsheets, paper, and decentralized information.

Central Reporting

| Estimate / Schedule | Enterprise Risk & Safety | Project Management | Finance |

Lower Stop Work Notices

Prevent Claims

Improve Pre-Qualifications

Reduce Risk/Cost

Mobile Jobsite

- Move out of the office and on to the worksite.

- Hazards are identified and recorded from anywhere using a mobile device, including image attachments.

- Work Online or Offline. Sync whenever a connection is available.

- Analyze data for trends and spot issues.

Reporting & Analytics

Central Dashboards – Access and share safety insights with system generated compliance, safety and risk reports and Power BI dashboards.

Proactive Field Alerts – Take preventative and measurable action, like trade partner coaching, before issues become incidents.

Powerful Integration – Platform Rest and Reporting API's provide extensive options to communicate live and historic field data into existing project platforms.
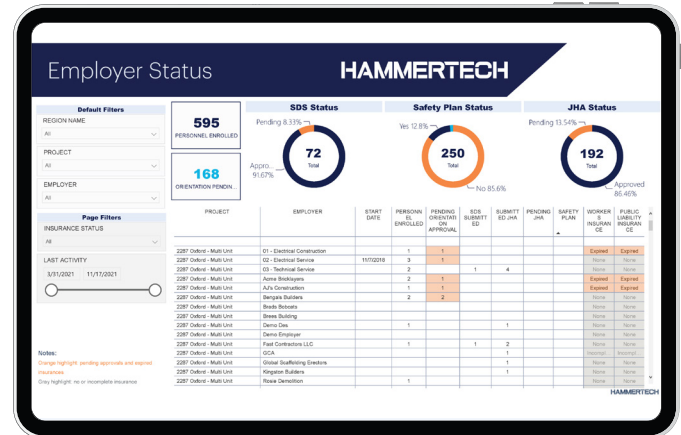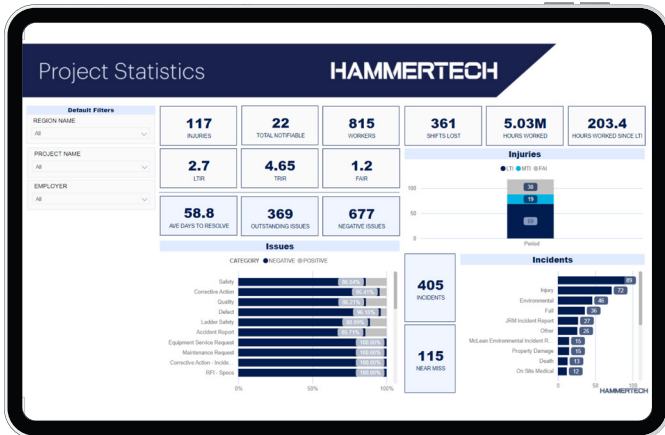
Cost Reducing Insurance Reports – BI and Insurance data reports provide valuable and secure competitive insurance premiums to help reduce insurance costs.

Trade Partner Dashboards – Trade partners have their own system dashboards that mirror actions required driving accountability for all safety submittals such as JHAs, pre-task plans, worker enrolments, timely issue close-out and more.

Includes Open REST Reporting API.

Power BI Flexible Reporting

- Plug into Power BI and easily create actionable insights

- 30+ proprietary BI boards included

- Leverage hundreds of data points, centered on the worker.

- Gain a 360-degree view of field operations.

- Understand leading indicators

- Monitor mid-stream indicators

- Develop project stakeholder business reporting to reduce business risks and jobsite costs

Procore Integration

HammerTech consolidates construction and safety operations into one platform. Improve safety, reduce risk and increase profits through transparency across inductions/orientations, daily reports, SWMS/JHAs, permits and more while providing insights to all project stakeholders.

HammerTech Sync (HammerTech-Procore integration) helps job site and project management teams stay aligned, save time, reduce manual errors around worker/man hours and speed up contractor onboarding and project start-up.

How it Works

The HammerTech - Procore integration automatically syncs data across critical project management and field workflows empowering teams to work from live, compliant, and accurate information.
Sync vendors (employers), project information and worker hours (by trade partner) and more. Eliminate errors, manual transfers, paper, and spreadsheets of important data. Save field team's time for smoother payment cycles and better compliance with contract start-up processes.

- **Speed-Up Weekly Contract Admin Processes** – worker/man hours auto-push into Procore by vendor

- **Job-Ready Subcontractors** – prevent start-on-site until required pre-start processes are completed

- **Eliminate Double Entry** – auto push of vendor (employer) and project information between systems

Other Integrations

- **Access Control** - Solution agnostic Access Control end-points available for turnstile and IoT providers

- **Opal Integration** - IoT worker tracking integration for labor hours and worker profile sync

- **Eyrus** - Access Control and IoT worker tracking for labor hours and worker profile sync

- **CMiC Platform Integration** syncs labor hours, trade partners and project information

- **General Open API Available** – See API Documentation https://developer.hammertechglobal.com/reference/audience

HammerTech Inspect App

The HammerTech Inspect app empowers field teams with paperless, accurate, EHSQ inspections. Field workers can raise issues and actions from anywhere, on any mobile device. Trade partners are notified in real time, minimizing reporting and potential job site delays. Safety risks and costs are reduced with the transparency of issue trends. Prevent potential incidents and project delays. Increase productivity and profits with mobile, paperless field management.

1 **Perform Inspections on Mobile Devices** – Increase productivity while eliminating paper and spreadsheet processes with field, equipment, safety and other critical job site inspections.

2 **Centralize Mobile Field Management** – Manage field data in a single mobile solution. The app is an extension of the HammerTech Safety Control Tower platform, eliminating the need to switch between multiple applications, spreadsheets and paper sources.
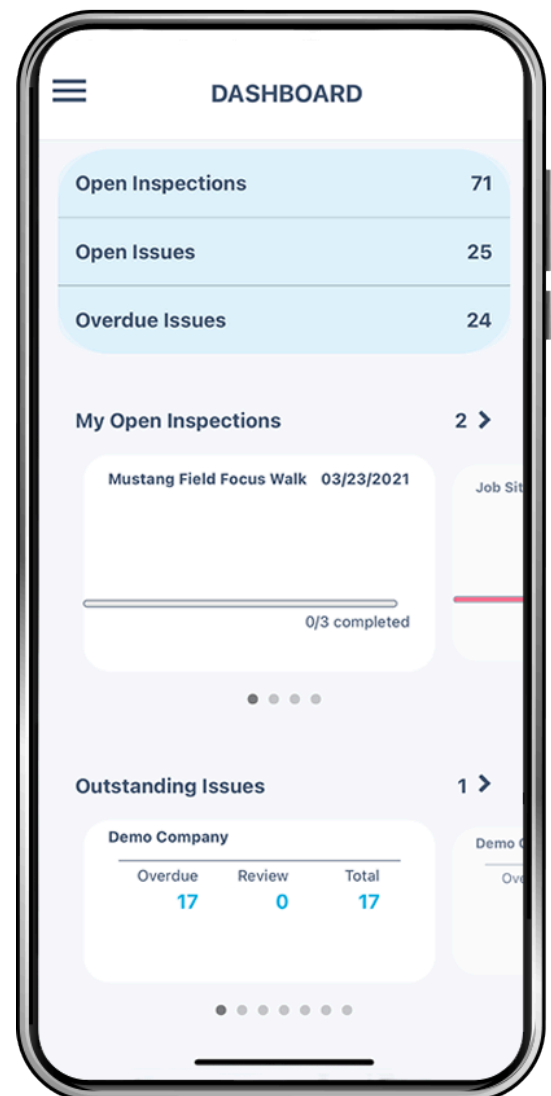
3 **Assign Actions to Trade Partners from the Field** – Assign actions to trade partners and monitor close-out status. This supports faster response times while improving accuracy and accountability.

4 **View Live Inspection Trends** – Real-time inspection trend visibility empowers field teams with the ability to avoid potential project delays and costly project issues. Gain visibility by trade and project. Focus on real issues, preventing incidents and increasing profitability.

HAMMERTECH

Sign-In Book App

The touchless HT Sign-In App. manages access control for accurate labor hours by worker by trade for progress monitoring plus improve schedule and cost forecasts without adding to your tech stack.

1 Speed-up on-boarding – self-service, touchless sign-in gives your teams time back to invest in site safety training and supporting subcontractors. Reduces risk and gets team working more quickly.

2 Connected People, Connected Systems – simplify your tech stack and reduce apps. Sign-in hours, workers' details and questionnaire results effortlessly push to the right people at the right time.

3 Accurate Labor Hours – site teams and project executives save time with the automation of repetitive parts of daily reports. Live labor hours support planned vs actual analysis and updates to resource-loaded schedules helping to identify progress issues early.

4 Safe Workers, Open Sites – visibility of who is on each projects at any time helps to reduce COVID-19 exposure, complete personnel tracking and mitigate site shutdowns. Get projects back online and teams back to work sooner.

TV App

Display daily activity on jobsite TV's with HammerTech TV. Select and automatically rotate through activity screens to improve jobsite communication and coordination.

Select from boards of: Permit board, Interactive Permit Map, Delivery board, Delivery Interactive Map, Outstanding Issues, Bulletins

Platform Modules

Project Management

- Sign-in / Sign-out
- Labor Hours
- Daily Reporting
- Checklists
- Issues & Stop Works Notices

Real-time Risk and Safety

- Injuries & Incidents
- Inspections & Issues
- Permits
- Bulletins
- Equipment Monitoring
- Pre-task Planner

Enterprise Insights

- Executive PowerBI Dashboards
- Project PowerBI Dashboards
- In-System Dashboards
- Predictive Intelligence by Project or Portfolio

**HAMMERTECH
Control Tower**

Compliance Certifications

- Orientations & Enrollments
- Personnel License / Certification
- Covid-19 Protocols

Trade Partner Management

- Pre-Task Planning
- Bookings
- Submittals: Safety Plans, JHA's SDSs
- Equipment Management
- Trade Partners Scorecards

Personnel and Subcontractor Management

Overview

The Personnel and Subcontractor portal allows for on-site and office representatives to manage their team. Subcontractor representatives can perform a range of tasks including **applying for permits, submitting JHAs, raising safety observations, managing site diary, updating company insurances and personnel information, and so much more.**

Create Subcontractor Requirements – Expedite day one communications with safety processes and standards to Subcontractors.

Expedite and Track Subcontractors Requirements with Uploads – Subcontractors upload and seek approval for submittals (JHAs, SDSs, equipment and more) prior to starting on-site.

Attach Documents to Workflow – Connect processes like permits and inspections to workflow tracking to ensure workers have the right information at the right time to support safer, on-time, increased quality work.

Connect Workers to Processes – Connecting information and processes to a worker's profile ensures they have the right reference materials like JHA's and SDS's along with attendance confirmations tied directly to their profile; expediting site time tasks, improving communication and ultimately lowering site costs.

Increase Worker Performance – Empower workers with processes and reference materials in the field better equips them to do work while providing insight and historic reporting to effectively reduce and manage risk.

Easy Enrollments

Speed Up Day One – Day one self-guided orientations increase face-to-face and on the job time, increasing field productivity and profits.

"Rapid" Orientation – Workers that have been on your jobsite in the last 12 months can skip the 90-minute video and advance to any project-specific requirements.

Reduce Admin Time with Pre-Built Processes – Automate time consuming admin work online and with mobile before workers arrive on site.

Multi-Language Support – Support multiple languages across multiple locations on a single platform, reducing labor costs while improving field productivity.
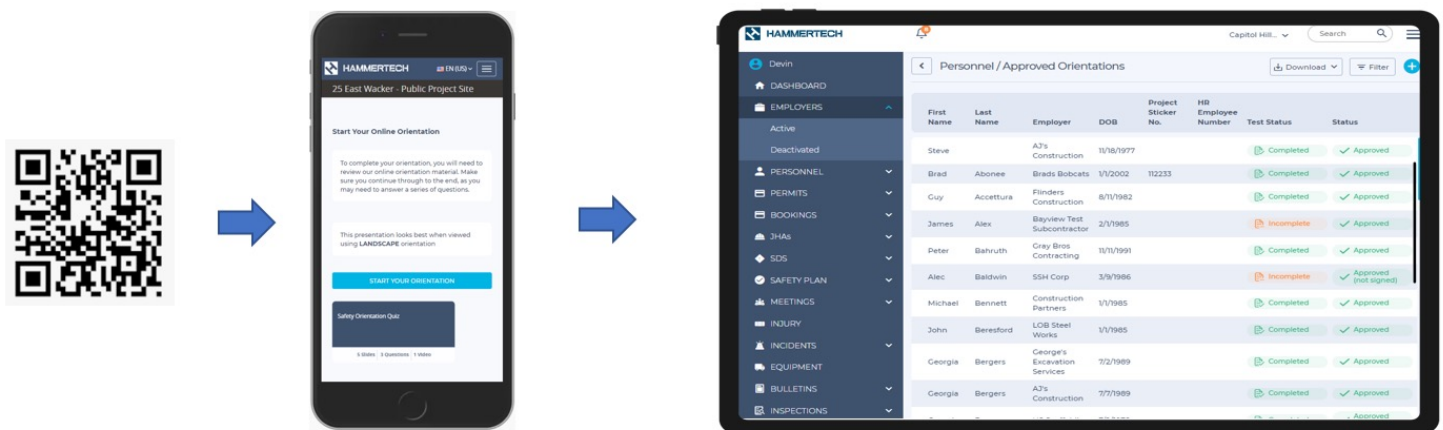
Centralize Worker Information – Capture and manage worker information including licenses, insurance, and qualifications.

Save Time with "Pre-Test" Questions – Self-guided orientations are available in any language with test questions that can be completed in advance of arriving at site.

Customize Questionnaires and Declarations – Include health and other questions to reduce COVID risk while meeting regulatory and organizational requirements.

Orientations

- Simplify Orientations with mobile and online orientation automation.

- Capture employer and personnel information before workers get to the site.

- Save time by eliminating paperwork and administration.

- Increase project time while reducing paper and spreadsheets.

Simplify Sign-Ins

Fast Touchless Sign-In

Quick touchless sign-in enables workers to use their own device, tablets or QR code for quick sign-ins and more secure site access.

Integrated Centralized Sign-In

Centralize sign-ins to reduce time and complexity, eliminating multiple point solutions.   Save time with integrated connectivity to hardware and other leading construction platforms including turnstiles for increased accuracy while eliminating double entry.

Personnel Training, Certifications & Licenses

Worker Self-Service – Workers provide all licenses, certifications, and training with expiry dates during online enrolment. Workers add and update licenses at any time from any device.

Mobile Worker Profile – worker information is captured once and is available for all future projects – reducing duplication and getting teams up and running on new projects sooner.

Self-service Updates – Training Matrix – PowerBI reports analyze qualifications to identify skills gaps and overdue or upcoming expiries. Operations teams can bulk book group training streamlining training updates saving time.

Permit Management

Centralize Permit Management – Create and Manage permits by type, status, employer, location, and proposed start and end times.

Link Permits to Jobsite Resources – Attach permits to jobsite resources, workers and subcontractor to expedite jobsite work with attached documentation and avoid costly delays.

Manage Permit Details – Manage permit approval details, permit times, applicable JHAs, zones, locations and more.

Export Permits Details – View permit details on smartphones, laptops, and other devices. Export details to PDF to share.

JHA Management

Collaborate with trade partners to improve pre-start readiness and reduce risk at the optimum time. Set standards through JHA templates and dashboards track submissions against KPI's. Improve work planning and injury risk control for better production and fewer injuries.

- Review, comment and approve JHAs in HammerTech from anywhere with mobile access. Everyone is always briefed on the latest version with version tracking and automatic SMS / Email updates sent out to workers to re-capture e-signatures if a JHA is updated.

- With JHAs connected to workers, subcontractors, permits, inspections, site diary and more, your jobsite activity audit trail is comprehensive, time-stamped and searchable.

- Supports the full-cycle JHA workflow from contractor submission to approval, to worker sign-on

- Dashboards and PowerBI reports help supervisors to prioritize which JHAs most urgently need review and coach trades through on-boarding. Reports flag trade partners that haven't submitted JHAs or workers that haven't signed onto a JHA but are on site.

Inspection, Audits, and Checklists Checklists

- Highly configurable to support your existing forms including hold points and different requirements by client or region - reducing change friction and increasing checklist value.

- Set new standards and easily roll out changes across projects and regions improving quality and safety performance which ultimately keeps projects on schedule and lowers costs.

- Checklist Guide - Checklist functionality guides users through safety, quality, inspection, and environmental questions.

- Create multiple issue types such as Safety, Defects, Corrective Actions, Non-Conformances, Preventative Actions and report on issue types that are arising more frequently

Inspection (cont.)

- Inspections store as drafts until an inspection has been completed. Built-in workflow enables notification of interim issues to be sent by email to the responsible party to ensure urgent items are addressed.

- Perform joint inspections with trade partners and other personnel who can contribute on their own devices

- Accessible on any mobile device with offline capability which increases empower teams and increases engagement

- Pre-set report options can select recipients and distribute copies via email within HammerTech.

- KPI Tracker - Dashboards measure performance against set KPIs by checklist type per project helping supervisors and management ensure weekly inspections are complete and coach underperforming trades.

Pre-Task Planner

HammerTech's Pre-Task Planner coaches crews through effective task planning for higher production with less rework and improved hazard control to lower injuries and incidents.

- Crew Coacher - empower trade partners to assess and control hazards with easy-to-use Pre Task Plan templates and connected JHAs, permits, and equipment. Supervisors get buy-in to the works plans and gather e-signatures with QR code to reduce incidents and potential claims cost by 32%.

- Task Optimizer – Harness the risk and task expertise of trade partners to optimize work planning through flexible pre-task plan templates, task lists, and virtual work zones. Improve production quality, reduce re-work and increase productivity by up to 16%.

- PTP Analyzer - Quickly find missing or unreviewed PTPs, see tasks in progress and find workers not assigned to the plan. Instantly spot hazard trends and take informed action with automated daily reports and interactive PTP dashboards. Hold trade partners accountable to reduce schedule and legal risk.

- PTP Record Keeper – No more pencil-whipped or missing records. All Pre Task Plans are searchable, time-stamped, and immediately accessible to reduce investigation time and claims. Proactively mitigate legal and regulatory risks with detailed PTPs to authenticate your hazard and safety controls with verifiable reviewer and worker e-signatures.

Simplify Meeting Management

Meetings Overview: Create project, or employer specific meetings with features like agendas, issue reporting, and attendance tracking. Workers sign off on the meeting and receive a copy of the meeting to ensure all team members focus on the same daily goal.

- Generate QR codes for every meeting, enabling touch-less sign on for attendees

- All meeting attendance / sign-in link directly back to attendee induction profiles, providing a robust audit trail of meetings attended for every worker

- Automatically generates registers based on meetings conducted.

- Create and configure your own meeting types and forms, from pre-start and toolbox talks, to client meetings.

- Push meeting agendas out to contractor foreman to deliver to workers.

- Contractors capture attendance signatures from their own workers.

- Instantly push meeting minutes out to attendees to ensure all participants receive a record of everything discussed.

- Raise and assign corrective actions and issues to responsible parties as meeting actions and outcomes.

- Track issues directly through meeting forms or in the project Issues Register.

- Save time managing SDS' - trade partners and GC's can upload project material safety data sheets to HammerTech creating a library that can connected to JHA's and permits and be imported onto other projects.

- SDS's are available on the Public Project webpage for viewing in advance.

- Automatically track SDS and safety plan submissions in advance of start on-site with in-system dashboards and be notified of expiration dates.

- Version control audit trails for all submissions, reviews and approvals.

Injury and Incident Management

- Speed-up investigations with incident and injury records connected to trade partners, worker profiles, issues, inspections, equipment and more in one system. Collaborate across functions and improve quality of records and trend data to inform process change and reduce injury risk.

- Infinitely flexible with rules that allow incident reporting to fit and improve your processes and data captured.

- Mark injuries or incidents as confidential to control the access that keeps details centralized and secure.

- All incident and injury data points are reportable and tracked in enterprise incident and trend reports. Connects outcomes to indicators like issues, trade partners or processes to drive prevention, reduce future risk and protect project schedules.

Bulletins

- Real time information. Where and when it counts.

- Safety alerts, updated site information (site access changes, weather warnings, PPE changes etc.) are sent directly to email or phone of internal team members, all active subcontractors, or a selection of workers.

> *In November, OSHA visited one of our FL job sites on a random inspection. While going through the opening conference and reviewing administration paperwork, [the] HammerTech program was instrumental in providing instant evidence of paperwork upon OSHA's request. The OSHA Compliance Officers were extremely impressed with HammerTech and it's capabilities. From Audits to PTP's and everything in between, OSHA was able to see in real-time how this program worked. Needless to say, OSHA liked seeing technology being integrated into safety and being used on our job site.*
>
> **– Superintendent, DPR Construction**

Plant & Equipment Management

- **Live Plant and equipment register** – automatically updates as equipment comes to site.

- **Centralize Equipment orientations** – once the equipment is orientated onto one site it can be transferred and tracked between all sites with time-stamped on-site dates.

- **Servicing Notifications** – Automatic notifications sent to management, site teams and subcontractors when plant & equipment require servicing. Reduce the risk of the plant being operated outside of service dates.

- **Linked Certifications** – Equipment links to certification and license requirements to ensure only authorized operators complete pre-start inspections and operate the equipment.

- **Pre-start Checklist QR Codes** – Generate QR codes for equipment that operators can scan quickly conduct pre-start or servicing checks linked to the equipment record in HammerTech.

- Customize equipment orientations and checklists to your requirements with options to include service manuals, photos, trade partners and more. Improve record-keeping and protect your teams in the instance damage arises.

- Search by plant ID number with results showing full records across projects including relevant documentation, authorized operators, servicing and pre-start history.

Automated Daily Reports

Save time with automated daily reporting and receive progress summaries and labor hours from trade partners. Stay ahead of project issues and move away from unreliable paper audit trails.

- All daily activity is automatically recorded in the site diary such as pre-task plans, permits, equipment inductions, worker enrolments, injuries, incidents, and more.

- Individual daily diary entries for each site team member

- Connects to daily sign-in book for labor hours and attendance tracking

- Pulls in local weather station data

- Integrations for Access Control and IoT devices for labor hours and other jobsite data.

- Site Photo Gallery for quick progress overview

Bookings & Deliveries

Centralized bookings management that saves time by connecting trade partners to jobsite logistics. Helping teams plan-ahead and align deliveries with critical activities to stay ahead of schedule.

- **Plan-Ahead** – set delivery zones and map out bookings across the whole jobsite weeks out. Align deliveries with critical activities and stay ahead of schedule.

- **Automated Updates** – trade partners apply for bookings and notifications are automatically issued for new bookings, approvals or changes. Keep informed and save time.

- **One Platform, No Apps** – with all employers and personnel in one system everyone is a part of the plan. Save time by reducing duplication and frustration of too many apps.

- **Improve efficiency and utilization** – validate booking times against actual to monitor utilization and improve the efficiency of site logistics

- **Meet environmental compliance requirements** – align with local and federal compliance requirements for site activity hours and reporting.

- **Improved Material Handling** – with the ability to include off-loading requirements in the booking request, teams align crane, hoist, and other off-loading needs for safer and faster unloading.

- Connects to TV app to publicize schedule across the jobsite.

It is an all-in-one, do it all program that has allowed us to increase our efficiency and eliminate paperwork.

– Paul Duke, Safety Director, Holder Construction

Successful Approach to Project Launch

HammerTech's repeatable implementation and support approach guarantees success.

Project Kickoff
We receive all your existing paperwork, documents, and processes. Together, we create a workflow that matches the jobsite.

Solution Design Configuration
The environment is tailored specifically for your organization's needs, including independent business regions (and functionality) for different verticals or project types, understanding that, as an example, some public projects may carry additional documentation.

Project Configuration and Training
Over the course of the testing phase, the implementation team will work with your safety leaders to configure the system to your liking, suggest any opportunities for enhancements, and begin training your team members.

Ongoing Project Support
After Go Live, (phase 2) we will continue to meet with your team weekly to continuously improve the environment and identify areas for growth. Additionally, support is provided for any changes in workflow, and other areas.

Executive Reporting
HammerTech will work with project stakeholders and the leadership team to configure Power BI dashboards that answer the questions being asked in executive team meetings.

"

It is an all-in-one, do it all program that has allowed us to increase our efficiency and eliminate paperwork. "

– Paul Duke, Safety Director, Holder Construction

Client Implementation Journey

Implementation Kickoff
1 – 2 weeks

Kickoff

Within 24 hours
Introduction phone call from your implementation consultant

Within 1 week
Kickoff meeting to discuss business needs and implementation process

Upload Documents

1 - 2 weeks
Upload your company's documentation to Dropbox

We use your current documents to create electronic forms in the system to replace the paper versions.

Design and Configuration
2 – 4 weeks

Concept Design

1 - 2 weeks
Your consultant will review the documents and schedule a meeting to design the system

We will then build some examples of your forms and verify they meet your needs before proceeding to configuration

Configuration, Review & Planning

1 - 2 weeks
Your system will be configured based on the agreed design and quality tested

Your consultant will then review the new system with you and confirm projects and the training plan for go live

Training & Go Live
2 – 4 weeks

Training

Round 1
Administrator training

Round 2
Project start training for Supers, PM's and Safety teams

Round 3
Project start training for site personnel

Round 4
Operational training

Coaching

3 - 6 months
After go live, you will be provided with ongoing coaching for system admins and key personnel to help

you and your business get the most out fo the system.

Transition to Success & Support

Post Implementation

Once HammerTech has been successfully embedded into your business, you will transition to our customer success and support teams for any ad hoc support needs.

Don't Take it From Us!

Hear from the industry on why investing in HammerTech has been a game-changer for productivity, safety performance and profitability.

DPR CONSTRUCTION

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DAVIS

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Global Clients

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PROCORE

Learn More

To see how HammerTech can improve compliance, risk and safety for better productivity and profit, contact us today.

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