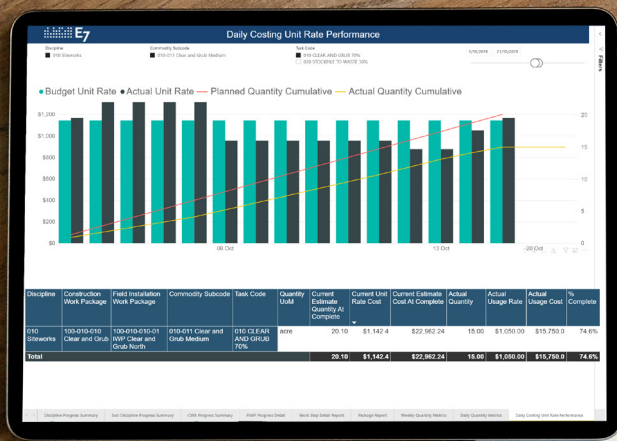




E7

Field-Based Construction Delivery Solutions





With daily clear line of sight, E7 fills the gap between each end-of-month financial reporting cycle. Construction-specific features capture daily diaries, unplanned events, timesheets, dockets, costs and progress, providing the shortest cycle time for project feedback.

E7 is the leader in field-based construction delivery solutions, connecting project leaders with real-time insights and providing unmatched daily visibility of project performance.

Heavy Civil, Industrial & Resources Construction

E7 connects project leaders with real-time insights, providing unparalleled visibility of project performance.

For daily and weekly project insight, theres no equivalent.

“The technology allows us to run with leaner project teams.

We now have improved quality and frequency of communications.”

Geoff Scott, Operations Manager, Clough

Field-Based Construction Delivery Solutions



Our proven project delivery solutions have been built from the ground up using industry best practice methodologies and technical expertise. The technology has been designed to support projects for:

Industrial Owners & EPCM Contractors



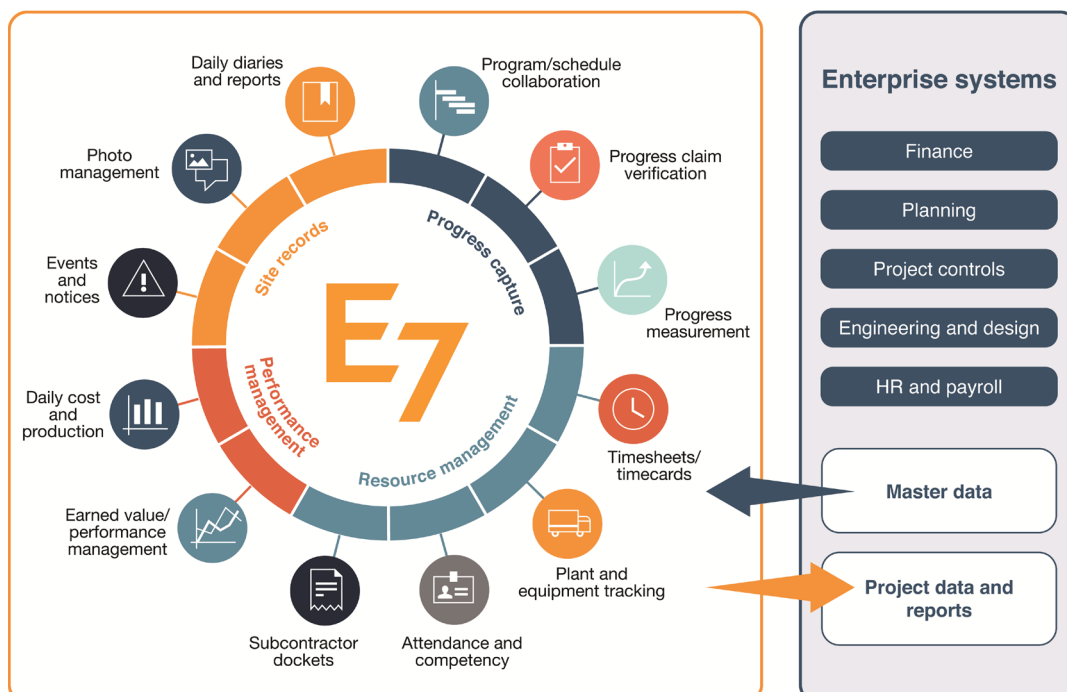
Infrastructure Owners & Owner Representatives



Industrial Contractors



Heavy Civil Contractors



Performance Management

DAILY COST AND PRODUCTION

E7 captures real-time cost and production rates within an integrated system unique in the construction sector.

It overcomes the weaknesses of manual performance trackers and end-of-month reporting delays, providing managers with the early feedback needed to make course corrections and improvements.

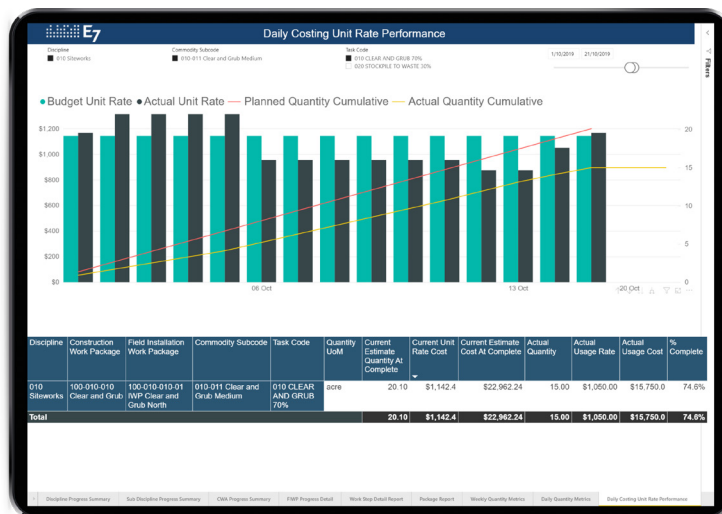
- Capture costs and progress in the field for fast project feedback
- Monitor and report on daily costs and production rates against targets in real-time
- Break down performance into disciplines, locations and more for finer analysis and monitoring

EARNED VALUE AND PERFORMANCE MANAGEMENT

E7 provides a standardised, disciplined approach to earned value and performance management that integrates with planning and cost management systems for further benefit.

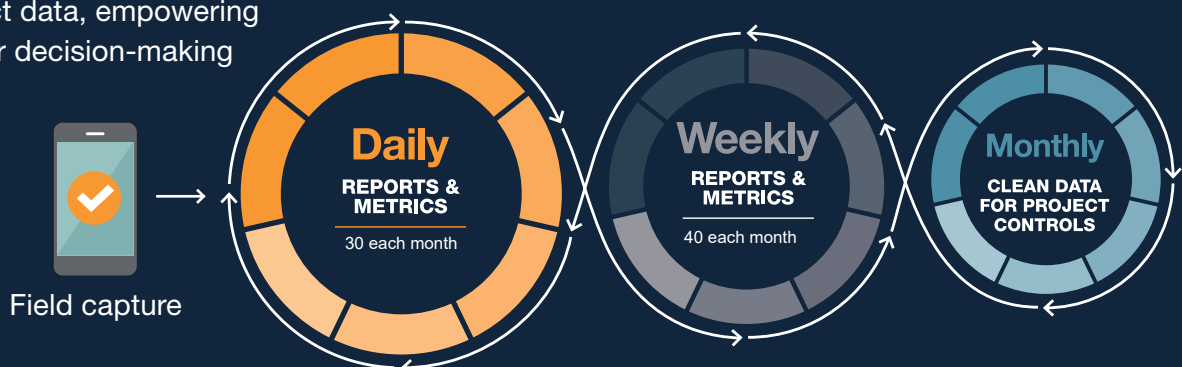
By giving teams a central system to collect project data, it avoids the risks of siloed, unwieldy and inconsistent analysis.

- Bring the project plan to life with S-curve charts that provide rapid insight for managers
- Use progress methods such as rules of credit, quantity-based progress and percentage complete
- Rapidly identify emerging trends and investigate specific under-performance



Your daily line of sight

E7's focus is daily visibility of the latest project data, empowering better, faster decision-making



Progress Capture

PROGRAM/SCHEDULE COLLABORATION

E7 is the only construction platform that directly integrates programs, safely sharing them with entire project teams, dramatically increasing information sources and opportunities to collaborate, re-prioritise and improve.

It automatically, not manually, connects programs to real delivery, creating live project resources.

- Integrate program activities and financial cost codes into a single system
- Directly share project priorities and dependencies with those delivering the work
- Provide field statuses on expected start and finish dates to inform program changes

Work Reference	Work Reference name	Actual start	Actual finish	Expected start	Expected finish	Current planned start	Current planned finish	Revised planned start
Activity 00100	Staff	8 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00105	Staff - Other	9 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00120	Consultants	9 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00130	Site Labour	8 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00131	Security Personnel	9 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00140	Employee Related Costs	9 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Activity 00150	Light Vehicles	9 Mar 2020	Finish	Set	Set	6 May 2020	3 Sep 2020	6 May 2020
Event 1	Hit Rock	6 Jul 2020	Set	Set	Set	Set	Set	Set
Event 2	Site access blocked	6 Jul 2020	Set	Set	Set	Set	Set	Set
Event 3	Machine breakdown	6 Jul 2020	Set	Set	Set	Set	Set	Set
Event 4	Direction to helo install conduit backfill at Job...	6 Jul 2020	Set	Set	Set	Set	Set	Set
Event 5	Fuel spill	8 Jul 2020	Finish	Set	Set	Set	Set	Set
Event 6	2 hr delay to site access due to locked gate	8 Jul 2020	Finish	Set	Set	Set	Set	Set

PROGRESS CLAIM VERIFICATION

E7 enables lump sum and schedule-of-rates projects to clearly and indisputably verify subcontractor progress claims. Actual progress is efficiently captured through standardised workflows, giving certainty and transparency to both parties. Discrepancies are quickly highlighted, improving cost and time management.

- Strengthen subcontractor management with centralised data capture and reporting
- Link field-based progress capture to claims, saving administration time
- Fast-track visibility of expected monthly cash flow ahead of claims

Scope Item	Work Process	Work Subprocess	Work Package Code
010-010 Clear and Grub Light			
CG South	010-010 Clear and Grub Light	010-010 Clear and Grub Light	100-010-010-02IWP Clear and Grub South
010-011 Clear and Grub Medium			
CG North	010-010 Clear and Grub Medium	010-010 Clear and Grub Medium	100-010-010-02IWP Clear and Grub North
010-020 Strip and Stockpile			
Topsoil North	010-020Strip and Stockpile	010-020Strip and Stockpile	100-010-020-01IWP Strip Topsoil North
Topsoil South	010-020Strip and Stockpile	010-020Strip and Stockpile	100-010-020-01IWP Strip Topsoil South
010-031 Cut and Fill Heavy			
CF North	010-031 Cut and Fill Heavy	010-031 Cut and Fill Heavy	100-010-030-01IWP Cut and Fill North
CF South	010-031 Cut and Fill Heavy	010-031 Cut and Fill Heavy	100-010-030-01IWP Cut and Fill South
010-040 Final Grade			

PROGRESS MEASUREMENT

E7 enables the daily, central tracking of physical progress across a wide range of inputs and metrics, linked to a project's activities and broader program.

Through dashboards and reports, leaders gain quick visibility to support efficient and effective decision-making.

- Monitor physical progress against project milestones
- Rapidly investigate issues or under-performing activities
- Improve the efficiency of resource management and stakeholder confidence in progress reports

Resource Management

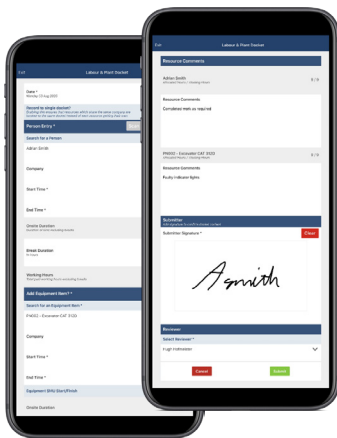
TIMESHEETS/TIMECARDS

E7's efficient timesheets solution offers the benefits of digital records, saving time and reducing input errors common to manual systems.

With project profitability influenced by the fast, accurate tracking of labour, equipment and materials inputs, it creates a powerful record of resources booked to project activities.

- Enter timesheet data using web, mobile or external systems or spreadsheets
- Monitor labour, plant, material and other resources to compare actual daily costs with budgets
- Quickly generate daily costs using crew or individual rates

The screenshot displays the 'Cost Analytics' dashboard. It features a sidebar with navigation options like Home, Sites, Boards, Tasks, Activities, Events, Progress, Resources, Attendance, Time & Usage, Dockets, Reports, Template, Usage, Progress, Exception, Scheduling, Cost Analysis, and Mobile. The main area shows a 'Cost Analytics' table with columns for Company, Resource, Role, Cost Rate, Resource Type, Resource Name, Work Date, and Totals. The table lists various resources like 'Big Lifts', 'Bore', 'Excavator', 'Skid Steer', and 'Labourer' across different dates from 21 Jul 2020 to 3 Aug 2020. A 'Heatmap' view is selected, showing cost amounts in a grid format.



SUBCONTRACTOR DOCKETS

E7's electronic solution offers flexible mobile docket capture by subcontractors, with data immediately allocated to appropriate cost codes.

This streamlined process improves accuracy and responsiveness and delivers a win for all project parties for unmatched subcontractor management.

- Improve budget management with robust records of daily costs incurred
- Give subcontractors live access to download records
- Automatically match invoices to dockets to eliminate payment disputes

PLANT AND EQUIPMENT TRACKING

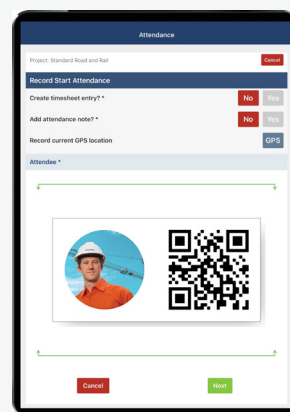
E7 makes it easy to track plant and equipment to minimise idle or poorly utilised plant, improve use and identify savings.

It overcomes the issues with highly manual processes that create a disconnect between costs (overhead or hire) and field use by providing rapid insight to maximise availability and productivity.

- Monitor asset locations and use to improve cycle times and optimise fleets
- Analyse and improve asset productivity using various metrics
- Improve the ability to adjust asset deployment in response to project changes

ATTENDANCE AND COMPETENCY

E7 uses existing hardware, paired with the E7 app, to allow supervisors to scan their crews from the field, or projects to create easy mobile kiosks.



The result is real-time, reliable, searchable data and efficient, accurate team tracking, far greater value than risky manual or inflexible digital processes.

- Mobilise a cost-neutral solution as E7 works out-of-the-box on mobile and tablet devices
- Improve safety and compliance by verifying competencies via daily checks
- Improve accuracy data by reconciling with timesheets to identify gaps

Site Records

DAILY DIARIES AND REPORTS

E7 provides a standardised solution and central source for daily records that are otherwise difficult and time-consuming to extract from paper diaries.

Even compared to other electronic diary solutions, E7's advantage comes from fully integrated data, providing rapid access to a rolled-up view of project activities.

- View consistently presented individual diaries on demand to monitor time and cost performance
- Create searchable, whole-of-project records for ongoing learnings, claims and more
- Enable real-time issues and opportunities management, rather than via weekly and monthly cycles

Standard Road and Rail Project - Daily Report

DAILY REPORT - Standard Road & Rail Monday, 27 Jul 2020

1.0 Shift Details

2.0 Weather Details

2.1 Weather Events

3.0 Supervisor Diaries

3.1 Onsite Labour & Equipment

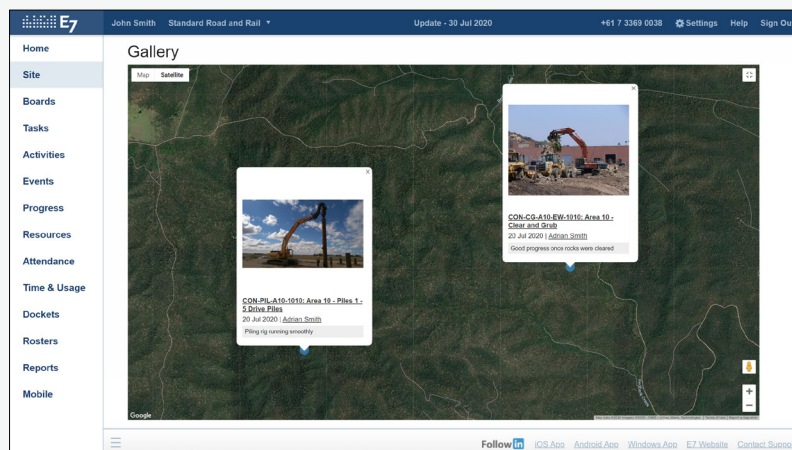
4.0 Work Progress

Appendix A - Photos

Appendix B - Labour Timesheets

PHOTO MANAGEMENT

E7 enables a disciplined approach to project photos. Once taken, they immediately link to activities, events or tasks, creating traceability and searchability for the life of a project.



This turns photos into central, rich and readily usable assets for reports, claims and other key project documents.

- Unlock the value of photo assets by adding notes and mark-ups
- Generate automatic watermarks with GPS and time data for indisputable records
- Improve searching and grouping via tags for efficient photo reuse

EVENTS AND NOTICES

E7 eliminates the risks inherent in informal event management processes, turning issues into improvements and fast-tracking change management. Using our mobile event capture form, team members can record events in real-time and set in motion a clear, defined workflow, positioning projects to stay on track.

- Preserve contractual entitlement to make claims by maintaining a robust chain of records to support contractual obligations
- Link events to activities to track the time and cost impacts of delays and variations
- Better diagnose repeat issues to minimise future events and drive continual improvement

“E7 has transformed the way we have done business on the project.

It provides real-time information that has allowed us critical insight into what is going on in the field.”

Alistair Dalton, Commercial Manager,
Caloundra Road to Sunshine Motorway



“Managing a large project of this nature requires failsafe systems that ensure large volumes of information can be processed accurately and fast.

The efficiency of the E7 system has saved our project time and money as their system minimises errors and maximises productivity.”

Brad Thompson, Project Director, Caloundra Road to Sunshine Motorway

Project scope delivered with E7

350+
projects

\$50+ billion
in project value

Heavy Civil, Industrial, &
Resources Construction

Power

Process

Marine

Highways

Renewables

Tunnels

Rail

Pipeline

Transmission

Resources



“E7 has allowed us to streamline our previous data collection and diary production processes, and provides our contract administrators with highly accurate and factual site information.

We can now create ‘as-built’ programs, assess complex contractual claims, and analyse the impact of delays to a project.”

Mike Bryett, Manager Infrastructure Delivery, GHD

Anywhere, anytime project access

E7 leverages mobile and web-based technology so you can make project information available to all relevant team members based on defined authority levels, mobilising the power of your entire workforce.

E7 supports major mobile and web platforms and enables diverse work practices and collaboration, from field teams to design and construct offices to clients to subcontractors. E7's mobile app, which works on iOS and Android phones and tablet devices, together with the web platform, drive E7's 'anywhere, anytime' accessibility.

The mobile app is easily accessed through leading app libraries including App Store and Google Play, creating a simple deployment option for users.

For field teams, E7's mobile app works online, or works offline and syncs later – meaning there's no 'downtime'.

FULLY MANAGED HOSTING

E7 is offered as a fully managed service and requires minimal involvement from corporate ICT teams. We guarantee high security and availability, total backup and disaster recovery and elastic scalability.

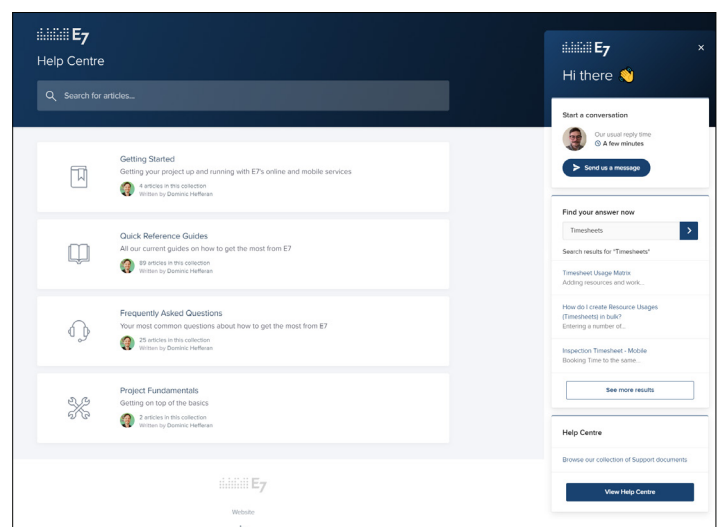


SUPPORT

We offer comprehensive implementation support with experienced implementation engineers to ensure our clients best leverage E7's many benefits.

From there, our in-house, Australian-based support team provides ongoing services to up-skill teams and keep them up and running across all of E7's solutions, including:

- Phone, email and online support, including live chat
- Continuous automated monitoring of system availability, performance and backup
- Continuous development and weekly release cycles
- On-site support with experienced project engineers including training, coaching and resource backfill
- Off-site support with integrated messaging



Managing Design

“With E7, we're able to have 70 people in the system entering time and progress at the same time, something we can't do with other programs.

I can also run reports and analyse data at the click of a button to ensure we are on track.”

Michael Taylor, Design & Construction Technical Manager, Cross Yarra Partnership

“E7 opens up different communication, reporting and decision-making avenues for people like construction managers, project managers and engineers. It's a lot easier for them to see how well they are performing and whether they need to up their game.

That wouldn't have been available in the past without days or weeks of analysis.”

Brendan McGuckin, Commercial Manager,
MPC Group





For more information about
E7's construction delivery
solutions, and to arrange
a demonstration, contact
our team today.

Email sales@e7.site

Visit
e7.site