

## HEMG Project Lifecycle Commander™

### Digital Test Pack Management, Punch List & System Turnover Platform

#### The Problem

Commissioning and system handover are the most document-intensive phases of any industrial project. Paper test packs, manual punch lists, fragmented records, and email-based document control create project blind spots, handover delays, and dossier compilation workloads that routinely take 3–14 weeks of manual effort — while the plant waits to start up.

#### The Solution

Project Lifecycle Commander™ replaces paper-based commissioning and document control with real-time digital visibility across all project disciplines — from P&ID; upload through test pack execution, punch list closure, document approval workflows, and automated System Turnover Dossier compilation.

#### Key Features

- P&ID; System Mapping — upload drawings and map system boundaries. Each system colour-coded: Not Started / In Progress / Ready for Handover
- Discipline-Based Execution Tracking — dedicated tracking for Piping, Civil, E&I, Mechanical, and Architectural works
- Multi-Discipline Test Pack Management — hydro/pneumatic/visual test records with multi-party digital sign-off
- A/B/C Punch List with Photo Proof — each punch item requires photographic evidence, GPS location, timestamp, and technician ID before closure
- Integrated Document Control — client-to-contractor document sharing, digital transmittal management, contractor submission workflow, client review and approval
- Real-Time Project Dashboard — live completion by system, discipline, and overall project
- Automated System Turnover Dossier — hundreds of project documents compiled automatically
- Bulk Report Generation — test pack reports, handover summaries, punch list status
- Multi-Party Digital Sign-Off — engineer, supervisor, and client can approve from any location

#### Disciplines Supported

Piping | Civil | Electrical & Instrumentation | Mechanical | Structural | Architectural

#### Technical Specifications

- Deployment: Cloud-hosted SaaS | Private cloud available
- Mobile: Tablet-optimised for field use
- Integration: Links to Weld Integrity Pro™ and Bolted Joint Master™

#### Contact

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