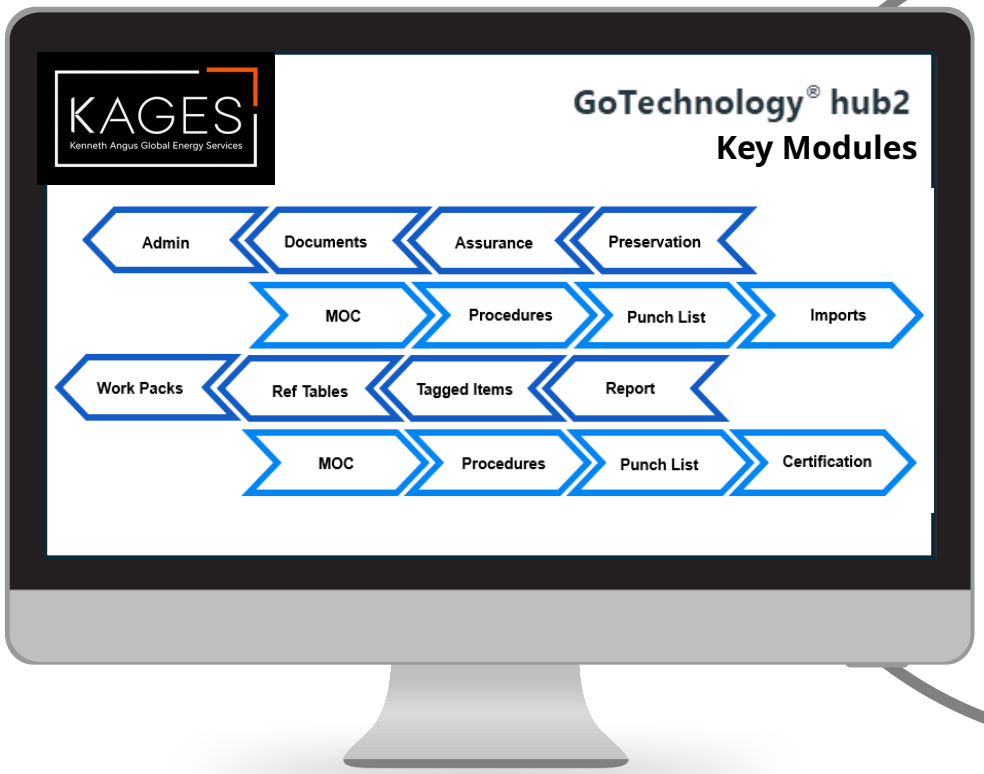

KAGES
Kenneth Angus Global Energy Services

KAGES
Kenneth Angus Global Energy Services

Go Technology Hub 2 ompletions Management Database to Interface Projects

Construction / Commissioning Hub 2 Execution Process

Go Technology Hub 2 - Life Cycle across Projects



Source Data :

- Engineering Data (Sharecat)
- Bulk Uploads
- Engineering Tagged Validation

Construction :

- Construction Tasks (A-ITRs / Punch lists)
- `Handover MC1 planned/ actual target dates
- `Discipline/Departments live interactive interface

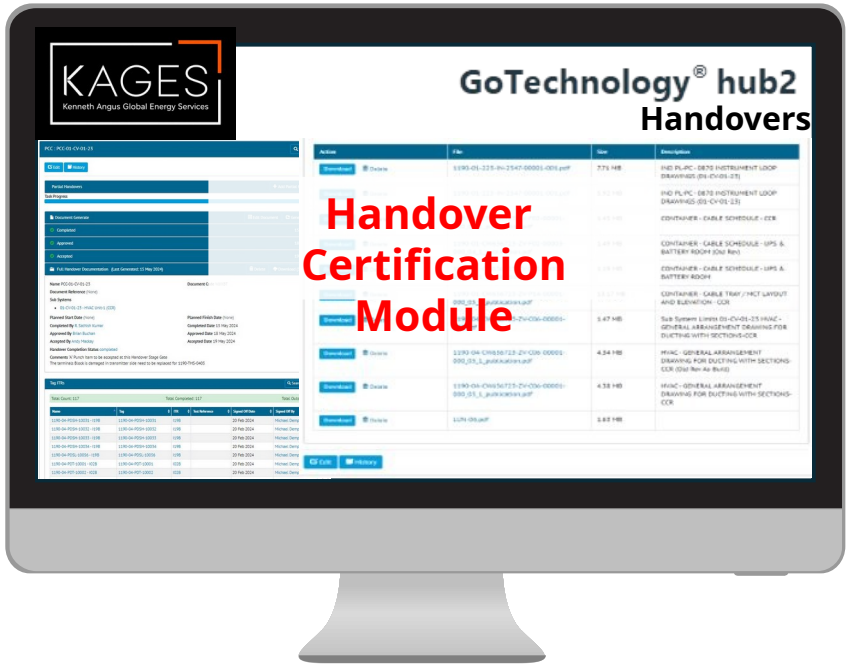
Commissioning :

- Commissioning tasks (B-ITRs / Procedures)
- Handover SH1 planned/ actual target dates
- Department's Live interactive/Task sign off

Note: All ITRs - Tasks/Packages can be generated from HUB 2.

Project Go Technology Hub 2 - Handover Certification

Rumaila Go Technology Hub 2 Certification modules give a live status and review/approval for complete project life cycle



NOC Dashboard / Reports

- Certification Management Dashboard
- System/Sub-System Reports
- Graphical Skyline Reports
- Detailed Reports
- Manhour / ITR Reports
- Planned/actual status reports

Handover Gates / Modules (Samples)

- SS1 (Safety System) Module
- Sub-system MC1 Certification handover Module
- Sub-system / System SH1 Certification handover Modules

Note: All Dossiers can be generated with all supporting documentation directly from HUB 2 or digitally reviewed/approved directly in the certification module.

This section shows a Typical Project Handover Certification Process

Project Go Technology Hub 2 Handover Sequence

Pre Site & Pre Construction Phase

Pre-Site IRN

- Engineering Drawings
- (FAT)
- Preservation status
- Redline / MOC Status
- Punchlist Status
- (IRN)Inspection Release Note
- Manufacture Records/ Operation's & Maintenance Records

Note 1 :

SS1

Safe System Certification

Key Modules

- Boundary Limits (LOSH)
- Isolation register
- Risk assessments with mitigation
- Any additional relevant information to returning the system to a safe state

Note 1 :

On Site Construction Mechanical Completion (MC1)

MC1
System Handover Certification

Key Modules

- Boundary Limits (LOSH)
- Engineering Drawings
- Red-Line Drawings
- MOC Status
- Tagged register
- MC1 (A-ITRs)
- Punchlist Items
- Preservation Status (if not listed directly in GOC)
- Spares , Special Tools and Testing Equipment register
- Manufacture Software register
- Project Isolation register
- Work pack/Test Packs
  - Piping
  - Mechanical
  - Civils
- Surveillance / NCR's

Sub-System Handover (SSH1) Pre-commissioning Static

SSH1
Sub System Handover Certification

Key Modules

- Boundary Limits (LOSH)
- Engineering Drawings
- Red-Line Drawings
- MOC Status
- Tagged register
- SSH1 (B-ITRs)
- Punchlist Items
- Preservation Status (if not listed directly in GOC)
- Commissioning Spares , Special Tools and Testing Equipment register
- Manufacture Software register
- Project Isolation register
- Test Packs
  - Piping (leak Test)
  - Mechanical
  - Loop Packs
- Surveillance / NCR's

System Handover (SH1) Permanent Commissioning Dynamic

SH1
System Handover Certification

Key Modules

- System boundary Limits (LOSH)
- Engineering Drawings
- Red/Green Lines Drawings
- MOC Status
- Commissioning Procedures
- Preservation Status (if not listed in the GOC)
- Start up Spares, special tools equipment register
- Manufacture Software register
- Long term Isolation register
- Index O&M manuals
- Surveillance / NCR's
- Assurance (Risk Management plus Mitigation/ Exclusion Register)

Operation / Startup Phase

Operations/Startup Certification

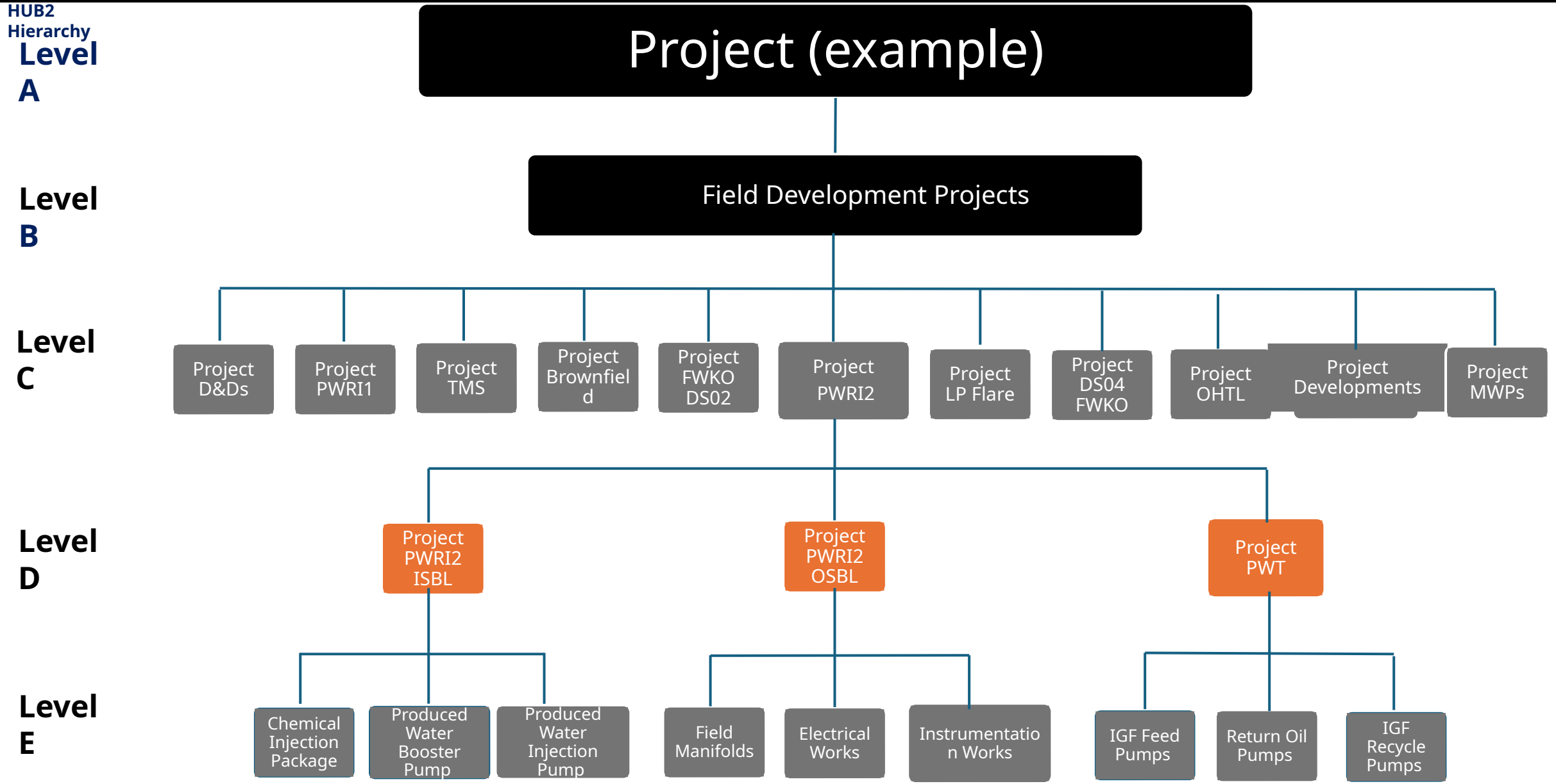
- PSSR – Pre-startup criteria completed
- Hydro Carbon Introduction Certificate (HIC)
- Plant Performance Certificate (PP1)
- Final Acceptance Certificate (FAC)

NOTE :
All Tasks completed
All Punch Items closed
All Mitigations items closed
All MOC closed
All NCR closed

Note 1 : Hard Copy Dossier can be loaded directly into GO Technology Hub2 or Go Tech can be shared with associated parties to load data directly to share live stats

Project Go Technology Hub 2 – Sample of Hierarchy

HUB2 Hierarchy



KAGES
Kenneth Angus Global Energy Services

GO Technology Hub 2 Modules / Sections



- Boundary Limits → P&ID, Layout, Single Line Diagram
- Eng. Drawings → P&ID, Layout, Single Line Diagram, Isometrics, Instrument Loop Diagram, Data Sheets etc. (Note 1,2)
- MOC → TQ, RFI, DCN, Surveillance and NCR
- Test Packs → Piping, Leak Test, Mechanical, Loops
- Punchlist Items → Category A, Category B
- Tagged Register → Electrical, Mechanical, Instruments, Drawings, Data Sheets, Serial number

System

Sub-System

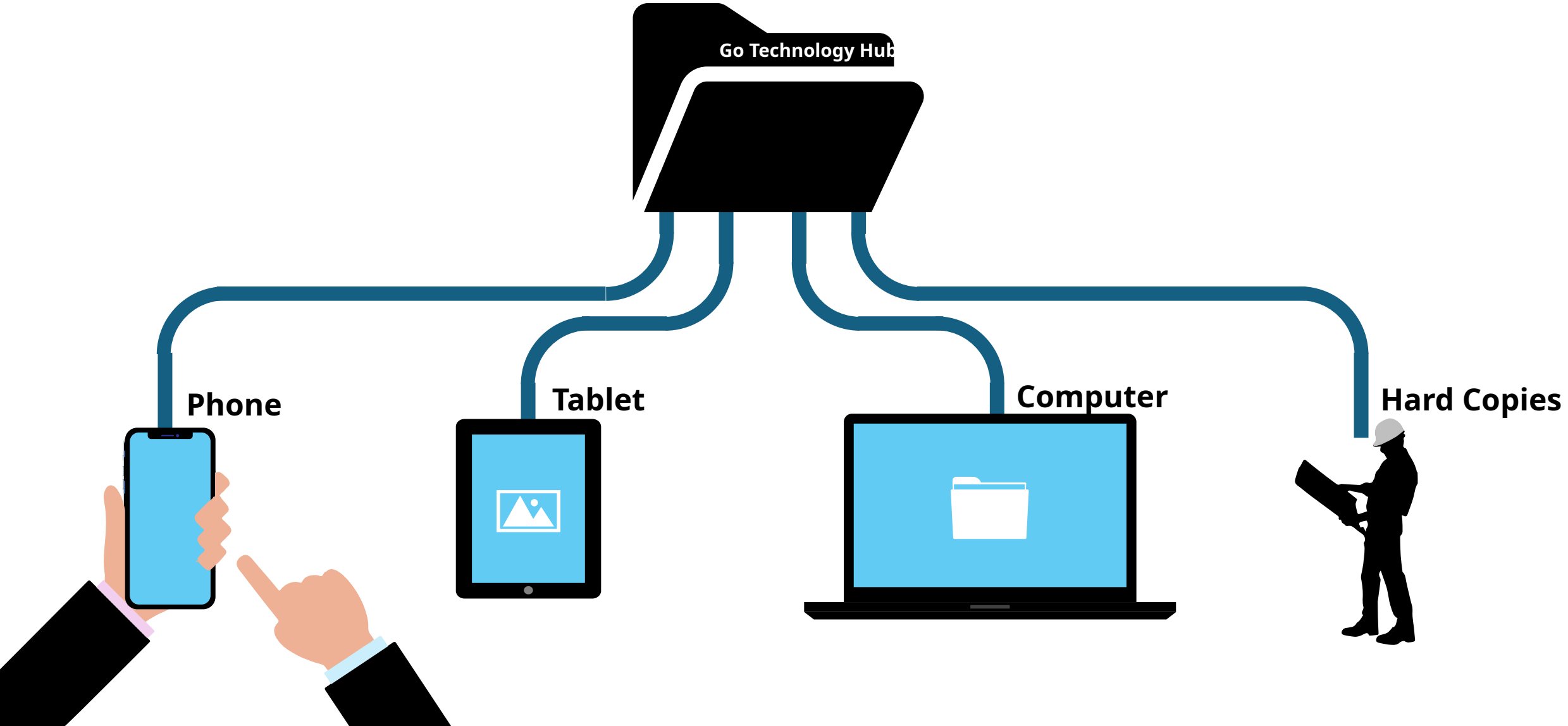
- Reports → -Skyline, -Summary, -Graphical, -Discipline, -Detailed, -Planned Vs Actual etc.
- Walkdown → Package Generated with all relevant information prior to walkdown
- ITR's → Tag ITRs A&B, Test Pack ITRs A&B (Note 3)
- Test Packs → Generated with ITR and all Assigned Drawings where required.
- Punchlists → Generated with Images and Drawings where required.
- Dossiers → Generated with all information assigned or just Summary as required.

Note 1 : Linked Directly to Sharecat
Note 2 : Loaded Directly for Third Party

Note 3 :
ITR Generated with all Engineering info.
Drawings assigned can be viewed / Printed as
Required.
Completed ITRs also can be generated With all required information.

KAGES
Kenneth Angus Global Energy Services

Documentation can be completed and populated within Hub 2 from multiple resources

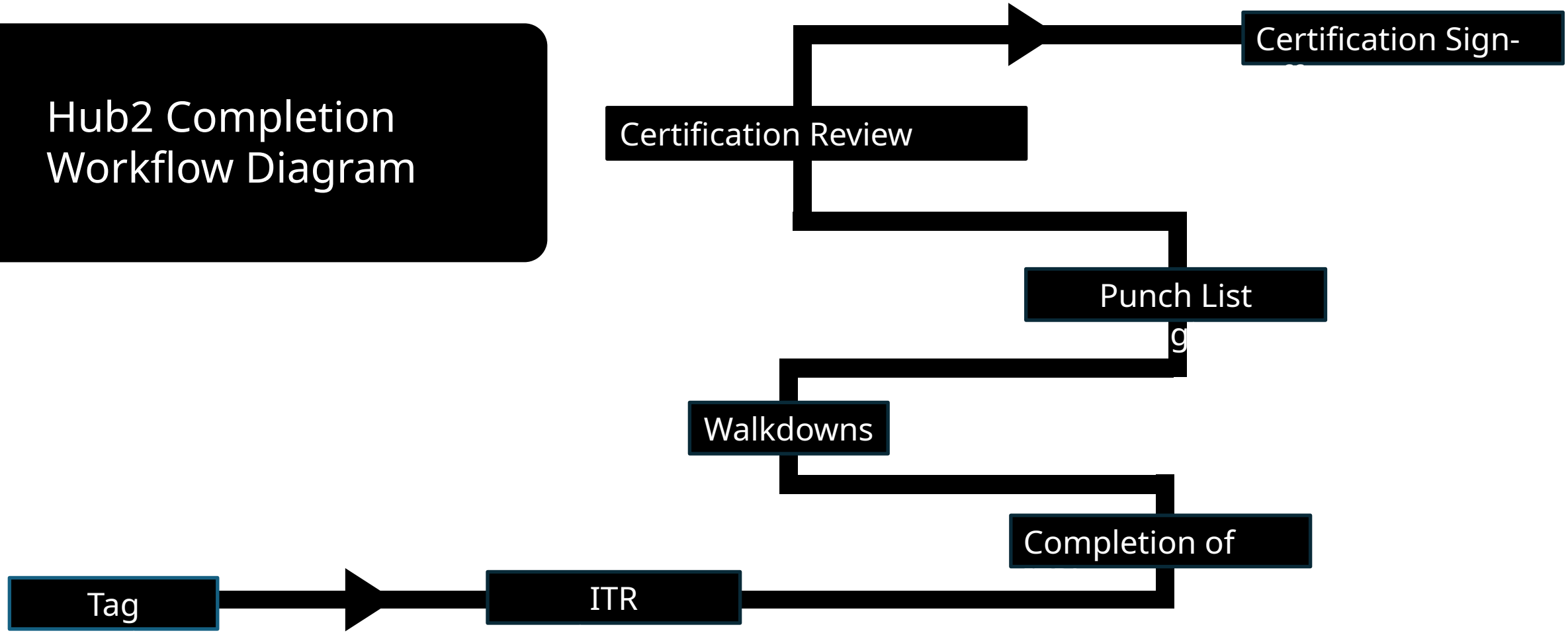


KAGES
Kenneth Angus Global Energy Services

GO Completions Hub 1 vs Hub 2 — Comparison Table

Category	Hub 1	Hub 2
Stability	Known for bugs: duplicate bookmarks in PDFs, export timeouts	Major bug fixes: stable exports, cleaner PDF generation, faster performance
Functionality	Limited to basic ITRs, documents, and templates	Full support for Q-packs, barcoded uploads, digital signatures, and multi-tag ITRs
Customisation	Very limited	Fully customisable: custom fields, extra columns, additional document types
Data Handling	Standard fields only	New fields added: Area, Module, Priority, Last Updated, etc.
Digital Handover	Basic support only	Advanced: image attachments, barcode scans, date fields, per-discipline handovers
Import / Export	CSV/Excel export prone to timeouts	Fast import/export with auto-filters and expanded data control
Reporting	Manual, prone to inconsistency	Fixed summary tables, better Totals by Tag and System Area reports
Documentation	Basic or minimal	Full documentation suite: user guides, data dictionary, API docs, specs (~200 pages)
UI / UX	Basic layout, minimal filters, limited interaction	Enhanced UI: tooltips, extra filters, action buttons at top & bottom of sections
Mobile Support	Not supported	Companion mobile app available
API / Integration	Not available or minimal	REST API introduced, supports external system integration
Release & Updates	Legacy product, rarely updated	Actively updated (v1.06 – v1.27+), continuous improvements
Use Cases	Smaller projects or legacy installations	Scalable for complex projects (e.g., modular builds, large completions scopes)

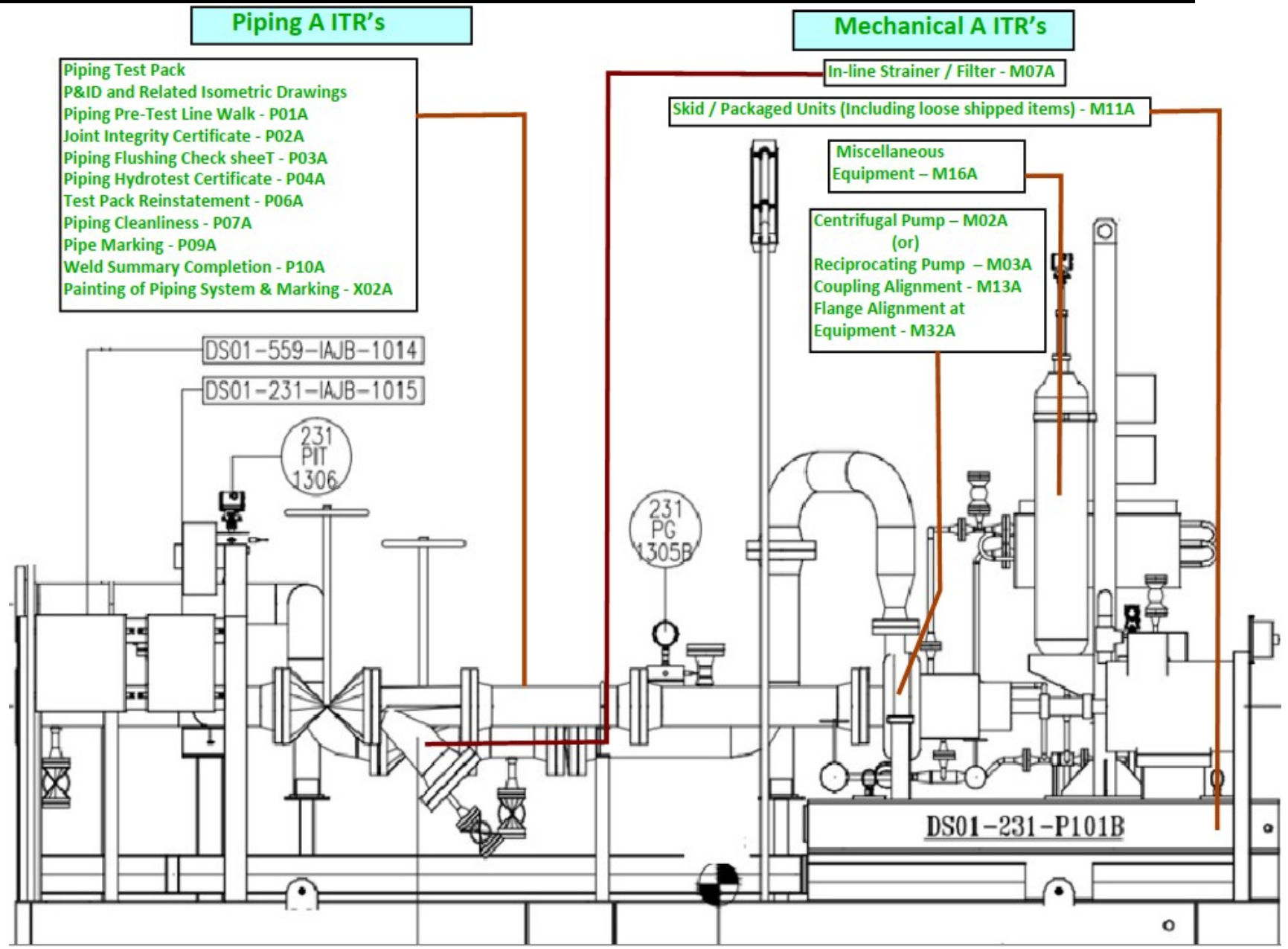
Hub2 Completion Workflow Diagram



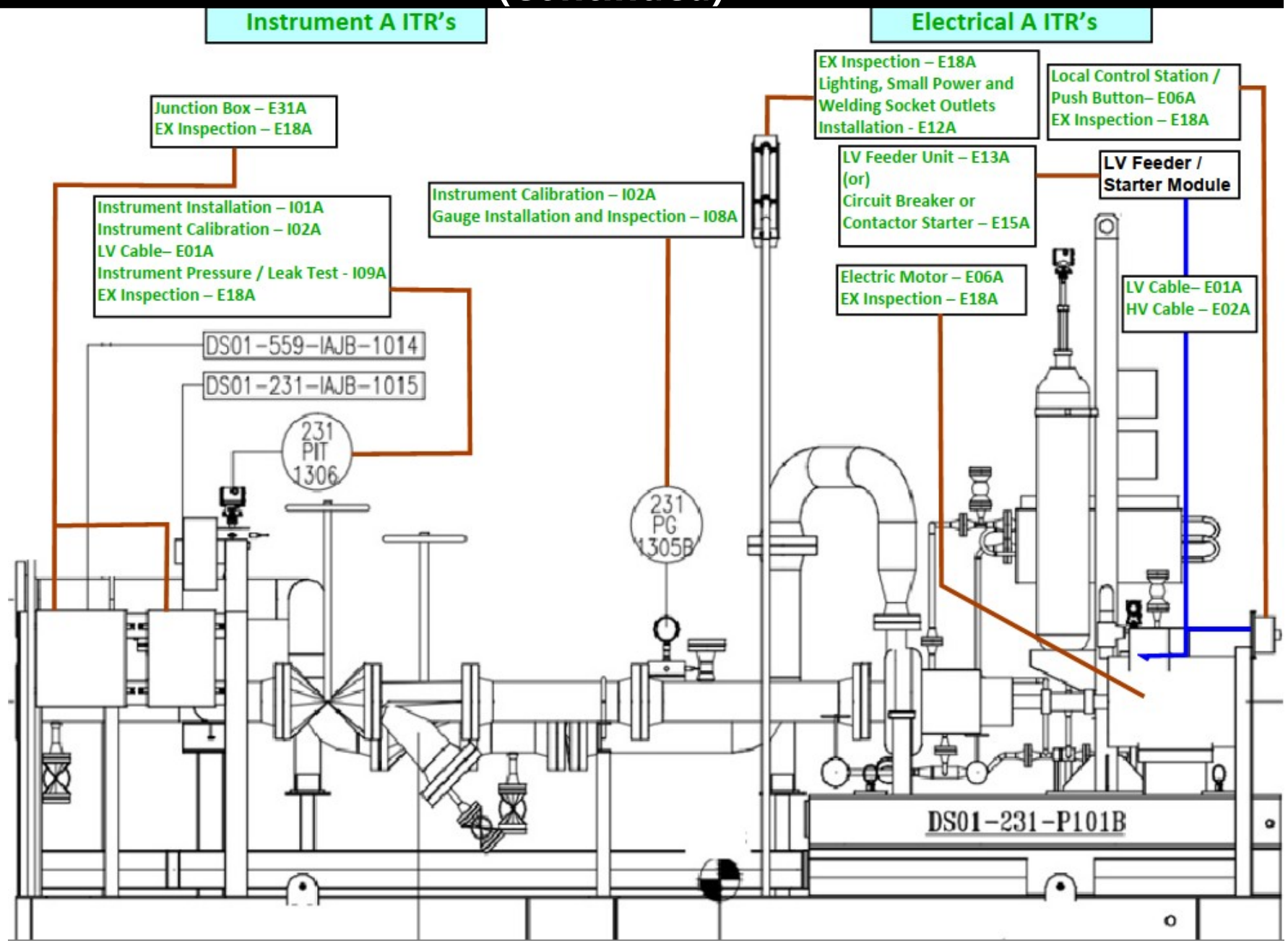
Note: All Dossiers can be generated with all supporting documentation directly from HUB 2 at each stage, digitally reviewed/approved directly in the certification module.

KAGES
Kenneth Angus Global Energy Services

Project Go Technology Hub 2 Example of Handover Sequence

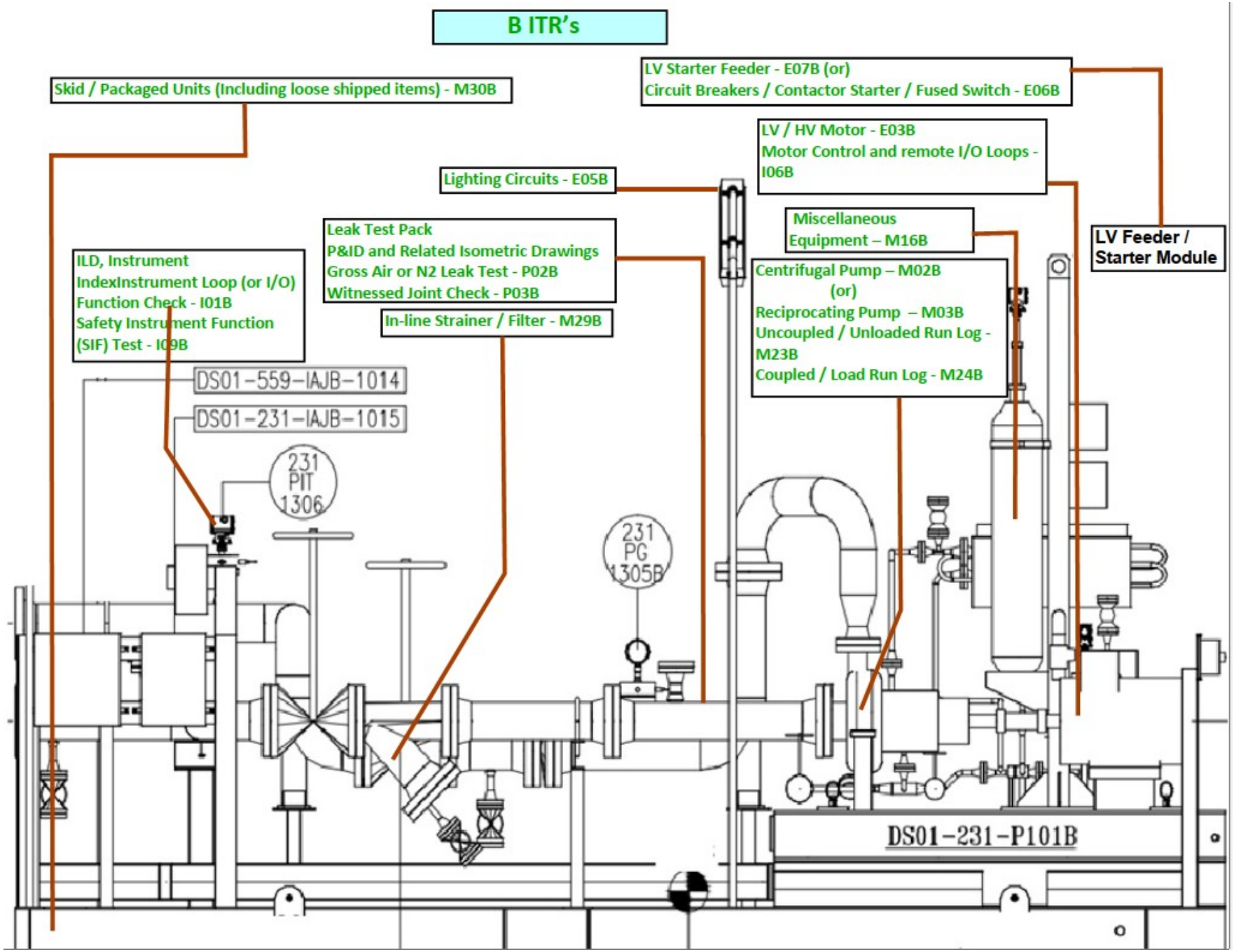


Project Go Technology Hub 2 Example of Handover Sequence (Continued)



KAGES
Kenneth Angus Global Energy Services

B ITR's



KAGES
Kenneth Angus Global Energy Services

Strategic Benefits of Hub 2

1. **Accelerated Project Delivery**
   - ❖ Automates certification and handover processes.
   - ❖ Reduces manual data entry and document collation.
   - ❖ Speeds up readiness verification and energisation.

2. **Enhanced Technical Integrity**
   - ❖ Tracks every tag, ITR, punch list, and preservation record.
   - ❖ Ensures systems meet operational and safety standards before handover.
   - ❖ Supports ISO 27001 compliance for secure data handling.

3. **Real-Time Visibility & Decision Support**
   - ❖ Power BI dashboards provide live progress insights.
   - ❖ Drill-down views for system-level traceability.
   - ❖ Enables proactive issue resolution and risk mitigation.

4. **Seamless Collaboration Across Teams**
   - ❖ Web-based platform accessible from any device.
   - ❖ Mobile app for field data capture and syncing.
   - ❖ Interfaces with planning tools, engineering databases, and maintenance systems.

5. **Scalability Across Projects & Industries**
   - ❖ Works for greenfield, brownfield, and expansion projects.
   - ❖ Adaptable to oil & gas, mining, infrastructure, and energy sectors.
   - ❖ Supports multi-contractor environments with unified data views.

6. **Compliance & Audit Readiness**
   - ❖ Automated handover packs with digital sign-offs.
   - ❖ Version control and archiving for full audit trails.
   - ❖ Aligns with GDPR, HIPAA, and other global standards.