



Human-centric technologies for future-ready workers

# *Applied Intelligence* **Compliance Ecosystem**

A Connected Platform for Workforce, Asset, and Safety  
Management — Designed for Industry 5.0



## ● INTRODUCTION

# Empowering workforce readiness, ***compliance, and performance***

In today's high-risk, fast-paced industries, compliance isn't just a requirement — it's the foundation of safety, productivity, and operational success. Generic software platforms often fall short. They don't understand your people, your assets, or your reality.

That's why we've built the Applied Intelligence Platform — a modular, QR-powered ecosystem that adapts to your workforce and workflows. Designed around Industry 5.0 principles, our system automates complexity and puts the worker at the centre.

From onboarding to ongoing training, asset tracking to wellbeing checks, every module works seamlessly together to keep your organisation audit-ready, engaged, and future-proof.

### Key Values:

- ✓ End-to end compliance automation
- ✓ Real-time insights and alerts
- ✓ Seamless integration of people, plant and process
- ✓ Proactive wellbeing and safety culture

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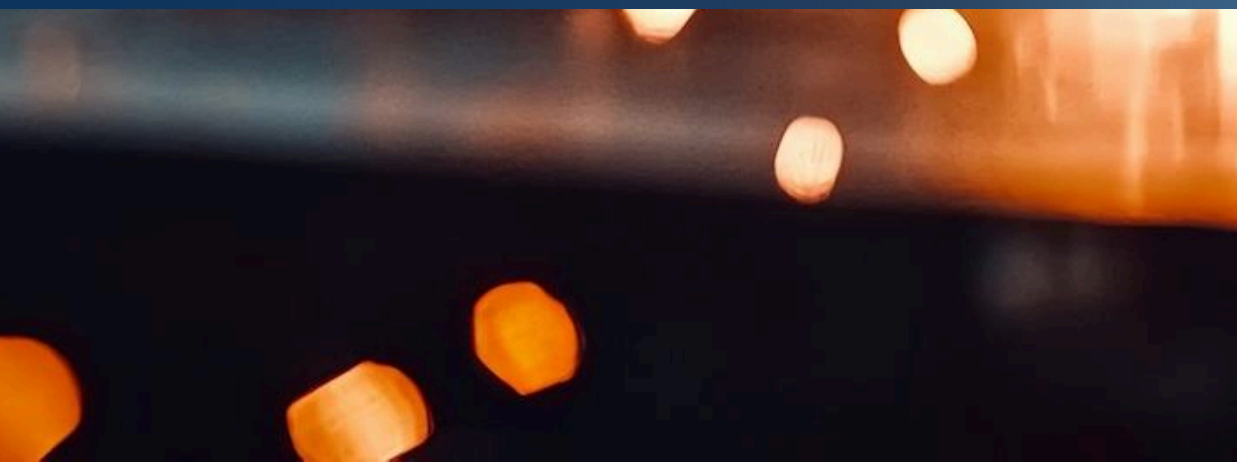
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● SMART TECH, MADE HUMAN

ikigai applied intelligence

01





## One System. Shared Insight.

At ikigai, we design human-centred technology that empowers organisations to unlock the full potential of their people. Our name, inspired by the Japanese concept of “ikigai” – a reason for being – reflects our mission: to create smarter, safer tools that enable purpose, performance, and wellbeing at every level of the workforce.

The Applied Intelligence platform is:

- A fully integrated platform of interconnected, AI-powered tools designed around people not just processes for end-to-end operational efficiency
- Purpose-built for safety-critical, high-performance workforces
- Real-time data sharing, automation, and oversight
- Scalable across teams and locations

### Qualification Tracker

Track workforce qualifications, training gaps, compliance, and certification without complication.

**ikigai-qt**  
(qualification tracker)

### Onboard Personnel

Smart onboarding, automated progress tracking, and document management that ensures workforce readiness and productivity from day one.

**ikigai-op**  
(onboard personnel)

### Asset Manager

Keep track, inspect, maintain, and take care of every asset across every site.

**ikigai-am**  
(asset manager)

### Safety Comms

Instant on-site reporting and real-time safety alerts – keep everyone informed and secure across your organisation.

**ikigai-sc**  
(safety comms)

### Wellness Coach

Support your team with real-time wellness and wellbeing, mental health tracking, and stress risk prevention, fully aligned with ISO 45003 standards.

**ikigai**  
(wellness coach)

### xr2train

Fully embed safety culture through a unique blend of certified foundation, advanced e-learning, and practical XR training, all in one powerful, scalable LMS.

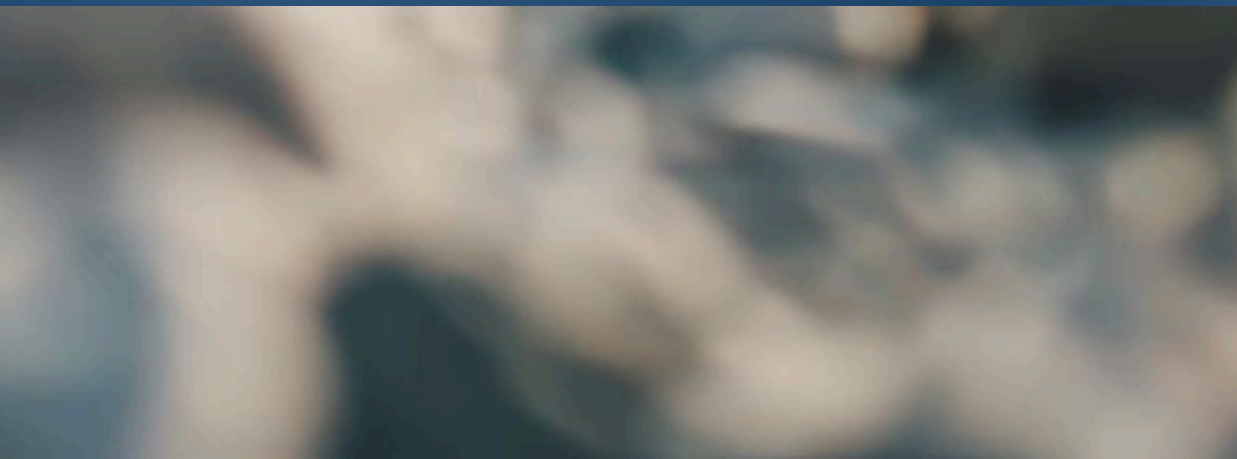
**xr2train**



● IKIGAI [APPLIED INTELLIGENCE]

Focused on  
What Matters.

02



# Total Compliance. Zero Compromise.

## The Problem with Today's Tools

- Generic templates that don't reflect your operational reality
- Expensive consultants needed to "make it work"
- Endless compromises to fit into someone else's box
- Multiple platforms cobbled together to plug the gaps
- Confusing user experiences. Redundant subscriptions. Frustrated teams.

But with Applied Intelligence, it's different.

## Full Oversight

Instead of stretching a one-size-fits-all platform until it breaks, we've built a purpose-engineered framework — one that adapts to you.

Our platform brings together:

- People management
- Asset compliance
- Training & upskilling
- Safety communication
- Mental health & wellbeing
- Real-time tracking, alerts, and analytics

All on a single system. One login. One interface. No compromise.

## Built for Global Operations, Designed for Local Precision

Whether you're managing a single high-risk site or hundreds of projects across countries, our platform lets you:

- Standardise compliance globally
- Adapt workflows and policies per site, country or team
- Track and manage people, plant, and compliance in real time
- Assign and audit training, equipment, and responsibilities instantly
- Ensure regulatory readiness at the tap of a button

## Custom-Fit, Not Custom-Built

We don't believe in reinventing the wheel for every client. Instead, we provide:

- A robust, battle-tested framework built for construction and compliance
- Full configurability without custom-code overhead

- Easy onboarding, rapid deployment, and intuitive UX
- The freedom to scale without spiralling costs

No subscriptions that quietly creep up. No hidden modules. Just one all-in price and all-in solution.

## Automation Where It Matters

Every aspect of the platform is built to automate complexity:

- Auto-assigned training, assets and safety notices
- QR-driven tracking of both people and tools
- Compliance gap detection and proactive resolution
- Location-based alerts, inspections, and observations
- Request/approval flows for redeployment, equipment use, and training

## Why it Works

Because your world isn't generic — your software shouldn't be either.

*We've seen what works on sites just like yours.*

*We've solved the integration chaos.*

*We've eliminated double handling and spreadsheet shadows.*

This platform is how you:

- Centralise global compliance oversight
- Empower frontline teams to own their safety and performance
- Create a scalable, intelligent workforce and asset management layer
- Futureproof your organisation for the reality of Industry 5.0

## One Smart Compliance Ecosystem

The platform is an integrated, QR-driven compliance and workforce management system built to align with Industry 5.0 principles — putting the worker at the centre while automating regulatory and operational compliance. It separates personnel and inanimate assets (tools, plant, equipment) while interlinking them through unique QR codes. This enables real-time compliance checks, location tracking, training allocation, and safety management across the entire organisation.

Core Capabilities:

- Fully modular and customisable to specific company policies, procedures, and compliance criteria
- Automated onboarding and profile generation
- Centralised admin layer with live oversight of personnel, assets, training, wellness, and compliance
- Bi-directional data flow between employees and assets, enabling smart operational and safety decisions
- Real-time compliance checks via QR scans (e.g. is this worker qualified to use this equipment?)
- Engagement and recognition system to incentivise participation and safety culture
- Built-in request & approval workflows for training, asset access, certification, and procurement





## ● TRANSFORM CHAOS INTO CLARITY

# Applied Intelligence Apps and Features

## Onboard Personnel

Purpose: Seamlessly onboard new employees and create their personal compliance profile with dedicated QR code.

Key Features:

- Role assignment with embedded policy/task checklists
- QR code issued for each employee
- Compliance gap identification on registration
- Link to Qualifications Tracker & LMS
- Admin control for progress monitoring
- Fully automated policy and induction task issuance

Benefits: - Accelerates onboarding timelines - Ensures standardised, role-specific induction - Links employee to all other compliance apps via QR profile

Why It Matters: Workers can get started faster and safely, with all required onboarding tasks monitored and recorded. HR and compliance teams gain visibility and confidence in readiness-to-work status.

## Qualification Tracker

Purpose: Seamlessly onboard new employees and create their Purpose: Track qualifications, identify gaps, and ensure compliance with role-specific requirements.

Key Features:

- Upload and validate qualifications/certifications
- Real-time comparison with role or task requirements
- Automated alerts for expiring or missing credentials
- Link to XR2train LMS for resolving gaps
- Supervisor dashboard to oversee workforce competency

Benefits: - Ensures the right people are doing the right jobs - Prevents skills gaps and reduces risk - Drives proactive training planning

Why It Matters: Supervisors can instantly confirm qualifications and remain audit-ready. Employees maintain up-to-date profiles with full visibility into compliance gaps.



## XR2train

Purpose: Deliver personalised, multimodal training aligned to Industry 5.0 needs—foundational, advanced, immersive, and certified.

### Key Features:

- Free foundational learning for all users
- Advanced e-learning modules with SCORM/xAPI tracking
- Immersive XR-based practical training
- Certified IOSH and CPD courses
- AI-powered learning assistant for real-time support
- Training request & approval workflows
- Mental health, wellness & resilience integrated into learning

Benefits: – Builds workforce competence and confidence – Supports flexible, on-demand training – Tracks progress and generates insights

Why It Matters: Learning is no longer a bottleneck — it's embedded in daily operations. This app empowers workers to grow while ensuring only competent personnel are deployed.

## Wellness Coach

Purpose: Empower employee wellbeing through daily check-ins, peer support, and resource access.

### Key Features:

- Daily mood and health tracker
- Mental health "buddy" system
- Access to self-help, learning, and external resources
- Flag risk indicators to designated personnel (with consent)
- Wellness education modules via LMS
- Optional anonymised data for trend analysis and policy shaping

Benefits: – Supports early intervention and ongoing awareness – Encourages self-care and open culture – Links wellbeing to safety and performance data.

Why It Matters: Industry 5.0 places the worker at the centre. This app ensures that compliance includes care, and that every individual feels seen, heard, and supported.

## Safety Comms

Purpose: Two-way safety communication and reporting system between workers and the organisation.

### Key Features:

- Receive push notifications for safety updates, notices, seminars, briefs
- Submit safety observations, incidents, near misses, good practices
- QR code scanning to access on-the-job safety briefs and alerts
- Log scan activity for insight into workforce engagement
- Track who reads safety notices (when, where, how often)
- Gamified recognition for observations and engagement (leaderboards, awards)
- Fully traceable safety comms record for compliance and audit

Benefits: – Creates a culture of proactive safety reporting – Delivers fast, targeted communications to the right people – Shows who saw what, when, and where.

Why It Matters: Communication is a critical pillar of safety. This app bridges the gap between top-down notices and frontline insight, ensuring safety is everyone's responsibility.

## Asset Manager

Purpose: Manage all non-personnel assets (owned or rented) to ensure operational and safety compliance.

### Key Features:

- Register all plant, tools, and equipment
- Assign unique QR code to each asset
- Track inspection/certification status
- Set automated alerts for inspections, renewals
- Location tracking and booking system
- Qualification check before asset use (compliance gate)
- Asset condition reporting and maintenance log
- Admin workflow for approvals on bookings/purchases/replacements

Benefits: – Prevents unauthorised or unsafe equipment use – Ensures inspection and certs are always current – Optimises asset usage and reduces downtime

Why It Matters: Assets and people are connected in your operations. This app ensures that both are matched, qualified, and working within compliance every day.

## Cross-System Integrations & Insights

All modules are connected through:

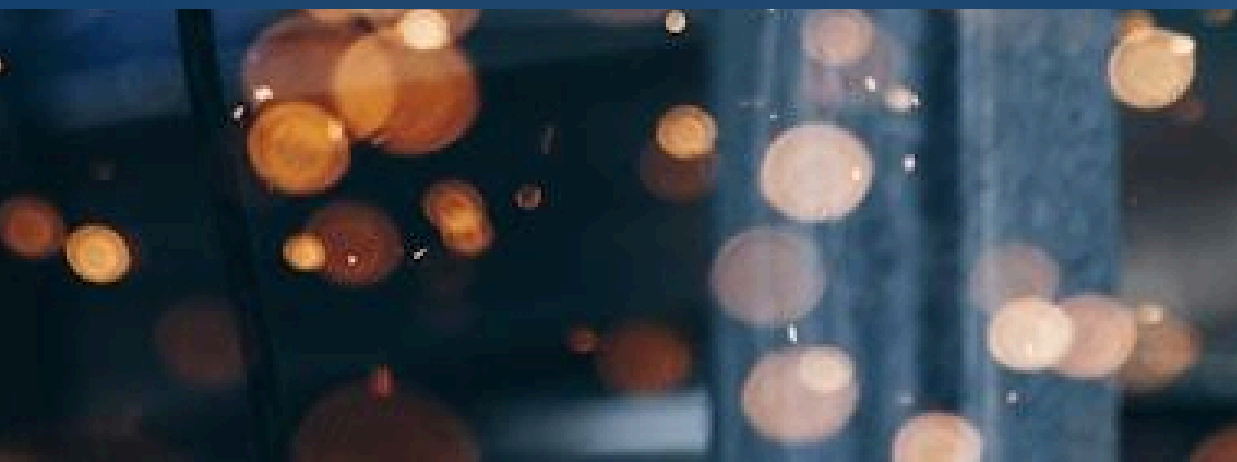
- QR Code Infrastructure for real-time data linking between people, assets, and compliance checks
- Central Admin Dashboard to monitor progress, assign actions, and generate compliance reports
- Data Analytics Engine for real-time tracking of:
  - Employee engagement
  - Training effectiveness
  - Asset performance and location
  - Compliance status by role, location, or function



● PUTTING THE WORKER AT THE CENTRE OF COMPLIANCE

## Applied Intelligence in Action

03



## Automated Workflows. Proactive Safety Culture.

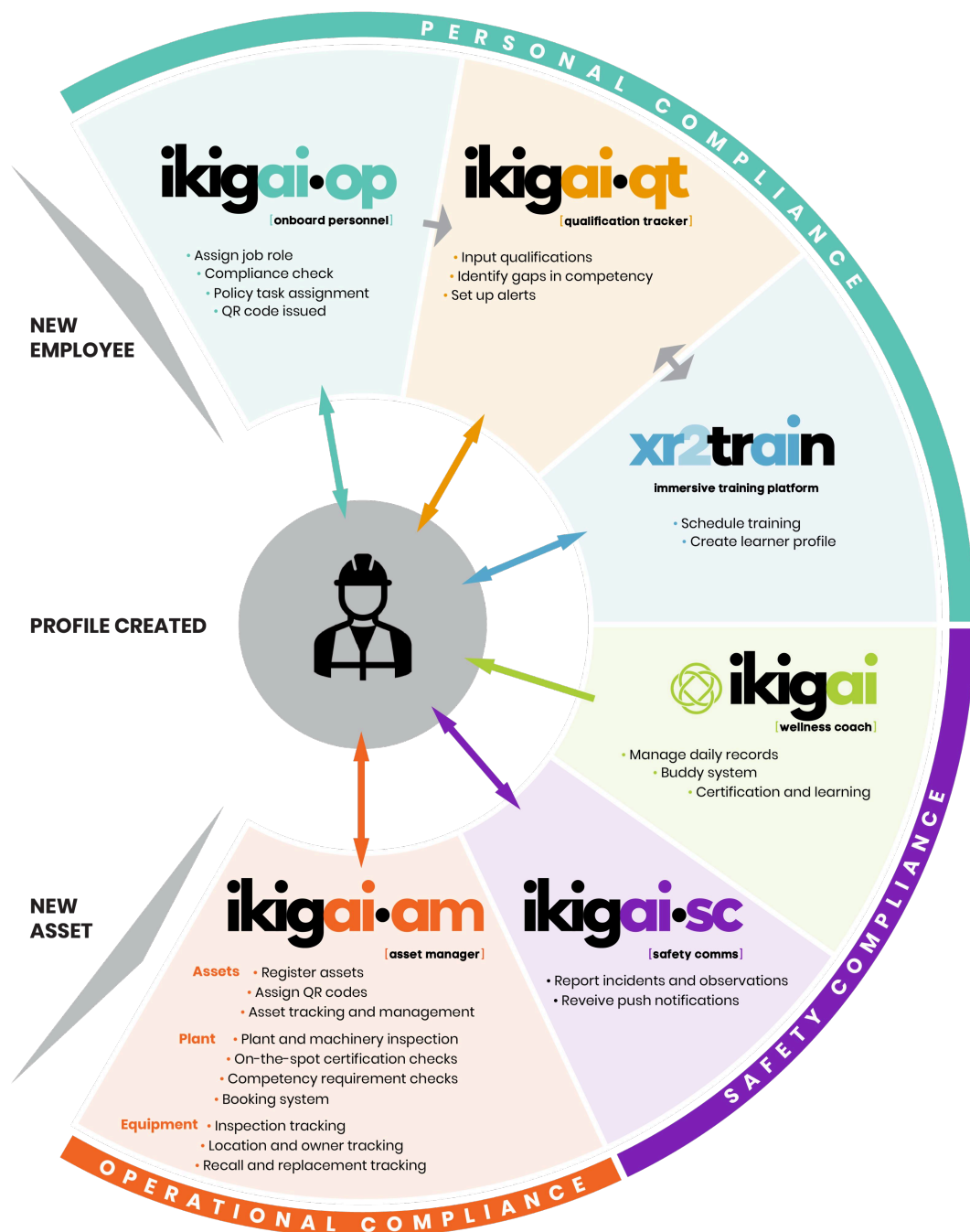
In today's fast-moving, high-risk industries, compliance isn't just about ticking boxes — it's about protecting people, performance, and productivity. Our Applied Intelligence Platform brings together six interconnected apps to automate and personalise compliance across the workforce, all while aligning with Industry 5.0 values that put human wellbeing at the heart of operations.

Every worker and asset in your organisation is assigned a unique QR code, enabling real-time traceability, qualification checks, training assignments, asset bookings, and access control. From onboarding to asset management, our system ensures that compliance is always current, visible, and actionable.

The platform delivers three interlinked flows of compliance:

1. Personal Compliance through onboarding (Onboard Personnel), qualification tracking (Qualification Tracker), and training (XR2train LMS).
2. Safety Compliance through wellbeing monitoring (Wellness Coach) and real-time, two-way communication (SafetyComms).
3. Operational Compliance through asset control and inspection management (Asset Manager).

Overseen by a central Admin Layer, the system offers live dashboards, trend analytics, approval workflows, and configuration to your policies, sites, and roles.







● PEOPLE BEFORE PROCESS

## Example User Journeys

04







## New Recruit – Electrician (Field Role)

### Objective:

Ensure the worker is fully compliant, trained, and connected before starting high-risk electrical tasks.

### Journey:

#### Day 1 – Onboard Personnel

- Registers as a new starter
- Completes onboarding tasks (e.g. site rules, PPE policy)
- Role assigned: Electrician
- Personal QR code issued

#### Day 2 – Qualification Tracker

- Uploads certifications: ECS, 18th Edition, IPAF
- System checks role compliance
- One qualification missing: Asbestos Awareness flagged

#### Day 3 – XR2train LMS

- Takes Asbestos Awareness via e-learning
- Completes Lock-out Tag-out XR scenario
- System updates QTapp

#### Day 4 – Asset Manager

- Scans asset QR for boom lift
- System checks qualifications → access granted
- Logs asset condition via app

#### Ongoing

- Receives weekly toolbox talks via SafetyComms
- Reports unsafe electrical setup via SafetyComms (+ recognised for observation)
- Logs daily wellbeing check-ins (Wellness App)
- Tracked as "green" status for compli





## Senior Site Manager – Project-Based (Manager Role)

### Objective:

Oversee worker safety, asset allocation, and training compliance across a site team of 80+.

### Journey:

#### Week 1 – Onboard Personnel

- Onboarded as a senior manager
- Assigned compliance dashboard access for “Site A”
- QR code issued and team visibility activated

#### Ongoing – Admin Layer

- Views compliance status of team (traffic light system)
- Flags 4 team members needing training refreshers
- Assigns refresher via XR2train LMS
- Receives notification when complete

### SafetyComms

- Issues site-wide safety bulletin for upcoming crane lift
- Tracks who viewed/read the alert
- Follows up with non-respondents

### Asset Manager

- Reviews daily asset bookings
- Approves requests for MEWP and cutting equipment
- Flags plant needing service based on usage logs

### Wellbeing App

- Monitors anonymised wellness trends
- Notices rise in fatigue reports → schedules resilience micro-course for entire team





## Canteen Worker – Support Role

### Objective:

Onboard and maintain minimal but necessary compliance for a low-risk support role.

### Journey:

#### Day 1 – Onboard Personnel

- Onboarded and issued QR code
- Assigned policies (hygiene, site access, PPE)

#### Qualification Tracker

- Uploads food hygiene certificate
- System marks role as compliant

#### XR2train LMS

- Optional: completes site orientation e-learning
- Wellness micro-learning available but not mandatory

### SafetyComms

- Receives alerts about fire drills, site access changes
- Occasionally reads safety stories from other departments

### Wellness App

- Logs stress and tiredness 2 days in a row
- Buddy system suggests check-in with line supervisor
- Resilience content automatically suggested





## Temporary Contractor – Groundworks Specialist (Short-Term, High-Risk Task)

### Objective:

Get fully compliant for a specific task with minimal delay, and ensure task-related safety and qualifications.

### Journey:

Pre-Day 1 – Onboard Personnel (via external access link)

- Contractor pre-registers and uploads ID
- Assigned temp role: Groundworks Specialist
- Receives QR code on arrival

Day 1 – Qualification Tracker

- Uploads CSCS card, Excavator cert
- Lacks Confined Space Entry → flagged

### XR2train LMS

- Completes Confined Space Entry e-learning module
- Assigned Trenching and Shoring Safety XR module for the afternoon
- System auto-updates compliance profile

### Asset Manager

- Attempts to book trench support equipment
- Approval request goes to supervisor (hold point)
- Approved, equipment logged as “in use”

### During Work

- Receives a dynamic SafetyComms alert: “Heavy rain – excavation risk updated”
- Scans QR for updated method statement
- System logs view and location

### End of Week

- Submits incident report via SafetyComms for soil collapse risk
- Recognised with engagement award



## Expanded System Capability: New Starter Asset Assignment

When a new employee is onboarded through Onboard Personnel, they are:

- Assigned a role
- Assigned a QR-linked digital profile
- Automatically issued relevant person-specific assets via AMapp, including:
  - PPE (e.g., boots, helmets)
  - Site access card / ID
  - IT equipment (e.g., laptop, tablet, phone)
  - Software licenses or login credentials

These are:

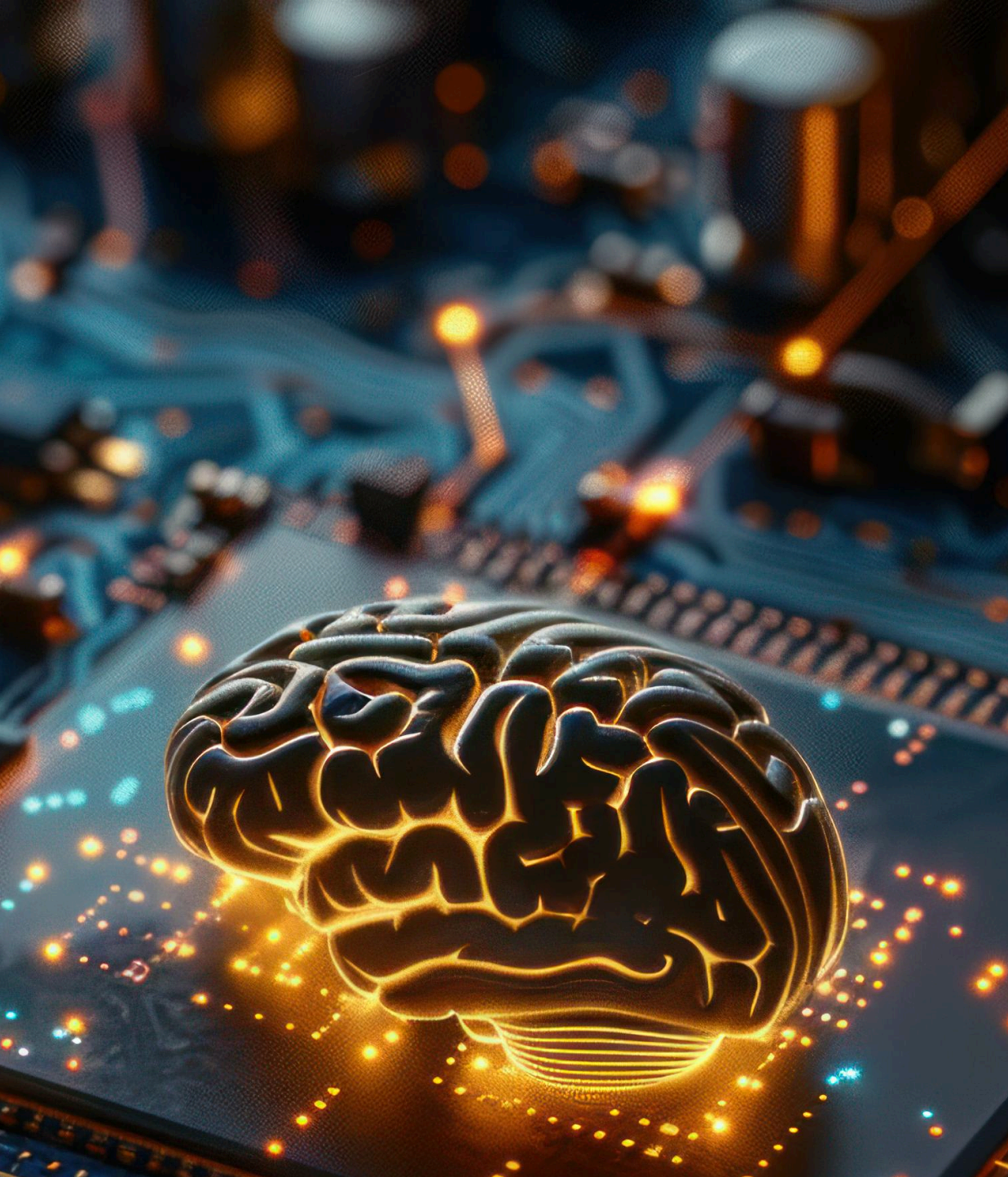
- Logged under the worker's profile
- Linked via QR codes for tracking and compliance
- Managed with expiry/inspection schedules (e.g., software licenses, PPE lifecycle)

A supervisor can approve or manually adjust asset assignments based on role or special needs.

The system generates alerts for:

- Missing returns (end of contract/termination)
- Upcoming replacements
- Maintenance/service for IT devices
- Security risks for unreturned access cards





● POWERFUL AND SECURE

# System and Technical Specification

05





# Key Features & Capabilities

## Bulk Operations & Data Migration

### Enterprise-Scale Data Import

#### Perfect for large workforces

- Multi-Format Support: CSV, Excel, legacy system exports
- Intelligent Mapping: Automatic field detection and validation
- Progress Tracking: Real-time import status with error reporting
- Rollback Protection: Safe migration with full rollback capabilities
- Template System: Pre-built templates for common data structures

#### Migration Modules:

- Operative Import: Complete workforce data with user account creation
- V Plant Import: Equipment inventory with automatic QR generation
- Competency Import: Certification records with validation
- V Assignment Import: Plant-to-operative assignments with compliance checking

## Mobile-First Site Operations

### QR Code Integration

#### Instant plant identification and access control

- Professional Labels: High-quality QR codes with plant details
- Camera Scanning: HTML5 camera integration for all mobile devices
- Offline Capability: Works without internet connection
- Manual Fallback: Text entry when scanning isn't available

### Real-Time Verification

#### Competency checking at point of use

- Instant Access Control: Real-time competency verification
- Safety Enforcement: Prevents unqualified plant operation
- Compliance Logging: Complete audit trail of plant access
- Emergency Override: Supervised emergency access procedures

### Smart Automations

#### Role-Based Auto-Assignment

#### Eliminates manual setup for new operatives

- Job Function Templates: Pre-configured onboarding for each role
- Automatic Task Creation: Instant assignment of relevant requirements
- Department Integration: Site and department-specific workflows
- Bulk Assignment: Process multiple operatives simultaneously

### Intelligent Workflows

#### Reduces administrative overhead

- Conditional Logic: Tasks appear based on role and progress
- Approval Routing: Automatic supervisor assignment
- Deadline Management: Automated reminders and escalations
- Progress Dependencies: Sequential task unlocking

## Management Analytics & Reporting

### Real-Time Dashboards

#### Complete visibility into operations

- Workforce Readiness: Percentage of operatives ready for deployment

- Plant Utilisation: Equipment usage and availability metrics
- Compliance Status: Competency and certification tracking
- Performance Trends: Historical analysis and forecasting

### Custom Reporting

#### Compliance and operational reports

- Regulatory Compliance: Ready-to-submit compliance documentation
- Department Analytics: Comparative performance across teams
- Cost Analysis: Plant lifecycle and maintenance cost tracking
- Management Summaries: Senior management operational insights

## Technical Architecture & Scalability

### Built for Enterprise Scale

#### Performance Specifications

- Concurrent Users: 10,000+ simultaneous users
- Database Performance: Sub-second response times
- Mobile Optimisation: Works on 3G networks in remote locations
- Offline Capability: Critical functions work without internet

### Security & Compliance

- Data Encryption: Military-grade encryption at rest and in transit
- Role-Based Access: Granular permissions and access control
- Audit Trails: Complete compliance documentation
- GDPR Compliance: Privacy controls and data protection

### Integration Capabilities

- REST APIs: Full API access for custom integrations
- Webhook Support: Real-time event notifications
- SSO Integration: Corporate authentication system integration
- ERP Connectivity: Integration with major ERP systems
- Mobile-First Architecture

### Universal Compatibility

- Cross-Platform: iOS, Android, desktop browsers
- Responsive Design: Optimised for all screen sizes
- Touch-Optimised: Designed for site use with gloves
- Offline Sync: Automatic synchronisation when connection restored

### **Complete Compliance, Built Around People**

Whether it's tracking who's qualified to enter a high-risk zone or confirming an asset is safe to operate, our platform automates the entire process with people-first design. Empower workers, reduce risk, and stay audit-ready — all from a single, smart system built for Industry 5.0.