



e Permit to Work

Streamlining permits, enhancing safety, and maximizing productivity in plant operations.

www.maximl.com





Challenges with Traditional Permit to Work (PTW) Processes



Disconnected Systems

- Traditional PTW processes often rely on manual, paper-based systems or outdated digital tools.
- These fragmented systems create operational silos, leading to inefficiencies and miscommunication.



Visibility Blind Spots

- Limited oversight over PTW compliance creates blind spots in operations.
- Incomplete or inaccurate permit data heightens the risk of accidents and non-compliance.



Time-Consuming Approvals

- Approval workflows are often slow and cumbersome, causing delays in critical maintenance and operational tasks.
- The lack of streamlined processes increases downtime and impacts productivity



Complexity in Hazard Management

- Managing high-risk tasks is challenging without clear visibility into hazard identification and control measures.
- The absence of real-time updates further complicates the coordination of safety-critical activities.



Lack of Integration

- PTW systems that do not integrate with other operational tools (e.g., asset management or safety systems) hinder decision-making.
- This fragmentation prevents teams from accessing the full picture, increasing operational risks.



Inconsistent Compliance Monitoring

- Manual PTW processes make it difficult to enforce and track compliance with safety regulations.
- This inconsistency can lead to regulatory penalties, accidents, and reputational damage.



Overview

Maximl, trusted by industry leaders, offers superior Permit to Work (PTW) modules built on extensive experience in asset reliability and safety. Our best-in-class innovations enhance safety, minimize asset downtime, and ensure exceptional operational control.



Configurable Rule-Based Permit Workflow Management: Enables users with an easy-to-use interface that mirrors the physical layout of paper-based permits, ensuring a minimal learning curve.



Job Safety Analysis (JSA): A customizable template-based system that streamlines the identification of risks, controls, and hazards. Provides recommendations based on historical permit data.



AI-Powered Isolation Management: Leverages AI to annotate P&IDs for process isolations and provides recommendations for valves and blindings required for the job.



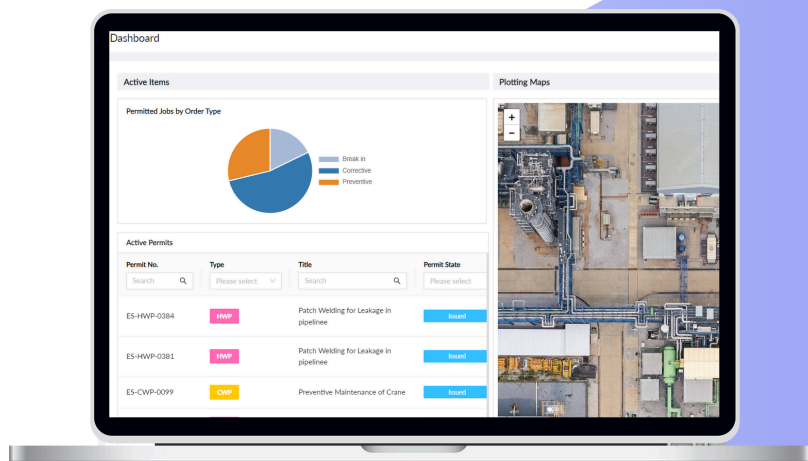
Offline-First Mobility: Maximl's offline-first capabilities, combined with innovations like geofencing and PIN-based authentication, enable users to work effectively in areas with limited network coverage.



AI-Powered Capabilities: Leverages advanced AI algorithms to provide users with recommendations and guidance for the next steps in processes, automates the population of planning details, and significantly boosts employee productivity. AI further enhances operational efficiency by assessing and ensuring the competency of manpower.

Command Center

From live dashboards to post-facto analysis, Maximl's analytics module provides customizable enterprise dashboards that deliver actionable insights. These tools enhance control over plant operations and support pre-reporting of safety incidents.



Value Maximl Brings to Clients

Enhanced Safety and ESG Impact

- Compliant execution of tasks minimizes risks to personnel, assets, and the environment.
- Reduces 440,000 sheets of paper annually for 200 permits/day, lowering carbon footprint by ~2,650 kg.



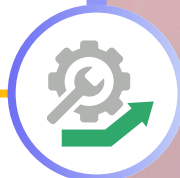
Cost Efficiency

- Saves ~\$340,000 annually in paper and manpower costs for 200 permits/day.
- Efficient task completion reduces production downtime.



Productivity Boost

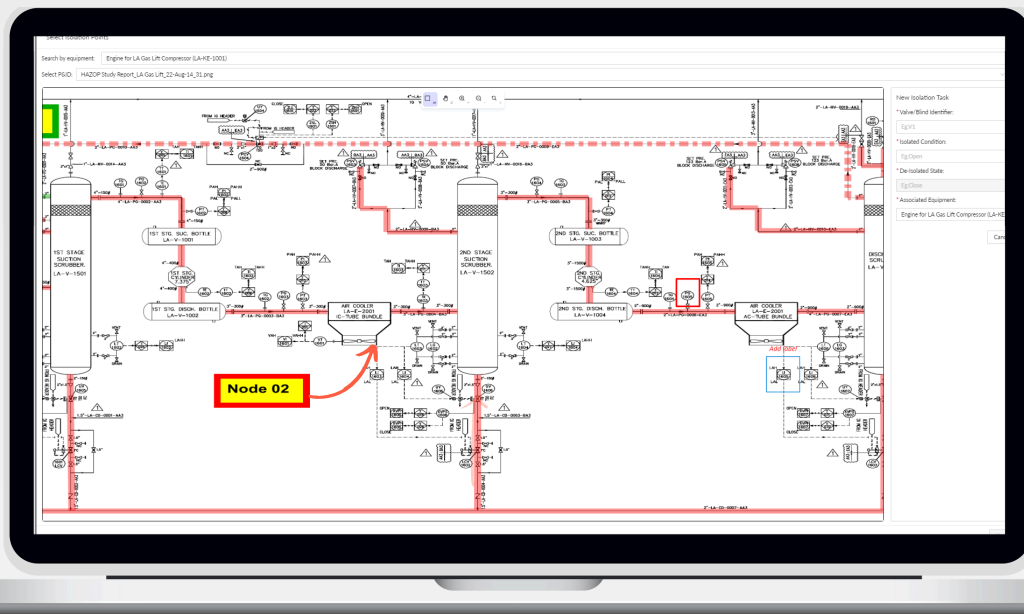
- Cuts work permit planning time by 50%, saving ~12,000 manhours annually for 200 permits/day.
- Real-time insights enhance task clarity and streamline workflows.



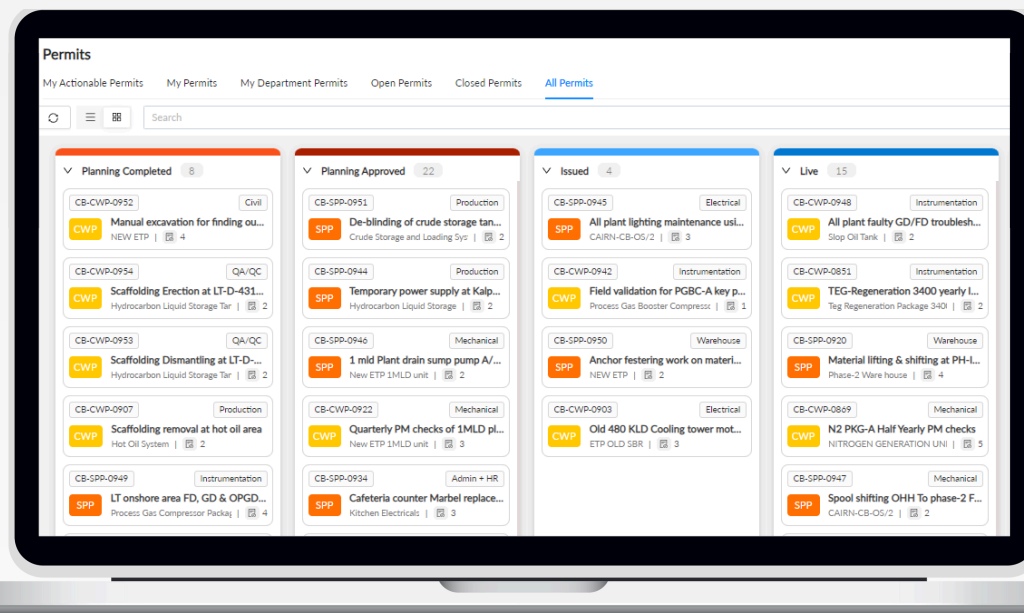
Compliance & Control

- Better management of SIMOPs and 100% permit compliance ensures safer operations.
- Strong audit trails simplify regulatory compliance processes.





Annotate isolation points on P&IDs



Custom live dashboards for enhanced visibility

Curious how AI can help you meet your Safety goals?

Contact our Experts

Maximl's suite of AI-enabled solutions with their concise and intuitive UI are designed to drive adoption right upto the frontline workers.

Our user-friendly solutions require minimal technical expertise and empower executives to access real-time data, run analytics, generate reports and make informed decisions



Trusted worldwide by enterprises

Customers



Partners



Compliances



MAXIML

To find out more about our suite of AI enabled solutions get in touch with us

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