

DOING EVERYTHING REASONABLY PRACTICAL TO AVOID ACCIDENTS

IntelliPERMIT™

IntelliPERMIT™ is a proven technology solution for managing the entire permit-to-work process with an emphasis on safety and reliability. It helps to ensure that hazards are correctly identified when maintenance work is going to take place, and that the necessary precautions are adhered to. Authorisation of permits is controlled and audited to ensure compliance to procedures.

VISIBILITY

IntelliPERMIT™ provides complete visibility of the permit-to-work process and puts management back in control of safety.

EASY TO USE

IntelliPERMIT™ is designed to cater for almost all levels of computer literacy. It is simple and easy to use and streamlines the process of preparing, authorizing, accepting and signing off permits.

INTEGRATED

IntelliPERMIT™ works together with other plant systems. Integration to other systems including process automation and site access control can further improve the integrity of permits in hazardous environments.

The problem

All companies (and their management) have a duty of care to employees who are exposed to safety related risks in the workplace. These employees have to make daily decisions and judgements on safe practices, particularly in situations where hazardous processes and industrial plant and equipment are involved. Safety management systems have to be put in place that minimize the risk of accidents by ensuring that these day to day operational decisions are taken correctly. Permit to work systems are used to manage the process of preparing the plant for safe work, performing work safely and restoring plant to normal operations. A permit to work system must ensure safe practices and policy are implemented on the plant, however many companies do not have the most basic system in place. Paper based systems where implemented have significant flaws in that they are unable to proactively control and manage the complete permit lifecycle.

The Solution

IntelliPERMIT™ is a computer based permit to work management system that helps companies ensure that work takes place safely in hazardous environments. IntelliPERMIT™ achieves this by inter-alia managing the process of preparation (including isolations), validating precautionary measures, ensuring safe work practices, handover to multiple parties, restoration of plant, ensuring correct competences of the working party, controlled site access and enforced safe working procedures.

IntelliPERMIT™ will reduce the risk of severe safety incidents on the plant, prevent unauthorised work, ensure competent people and trained people perform work and provide management with information that can be used in achieving continuous safety performance. By reducing the risk of accidents, companies reduce costs, improve operational disciplines and safety culture, improve working practices, improve training and help to fulfil the duty of care to employees.

Proven

IntelliPERMIT™ is proven in multiple industries including process manufacturing, mining, energy and nuclear across several countries. The solution has helped protect over 10,000 people with millions of permits already managed.



100% Compliance to Procedures

Safe working procedures are essential to:

- safeguard employees & the environment
- avoid damage to the plant & loss of production when work is carried out

IntelliPERMIT™ has built-in intelligence and rules to ensure that hazards are correctly identified when permits are issued and caters for all the formal procedures and rules surrounding:

- equipment isolations
- safety precautions and personal protective equipment

IntelliPERMIT™'s patented rules engine is highly flexible and allows you to tailor the system's rules for your own organisation, or for individual operating units.

Drive Improved Safety Performance

IntelliPERMIT™ uses advanced technology to combine best practice with heuristic learning techniques. This allows you to refine procedures and build on experience & learning points thereby continuously improving the safety and reliability of operations.

Control over Permit Authorisation

In order to comply with legal requirements, all permits must be issued, by a competent, authorised individual.

IntelliPERMIT™ allows you to set up competence levels for both internal and external staff thereby restricting their access to authorise or perform work in particular areas unless they have received adequate training.

In addition, authorisation of hazardous work such as vessel entry, nuclear, high voltage or hot work in hazardous areas can require a higher level of authorisation.

Contractor Management

IntelliPERMIT™ allows you to effectively manage and monitor the work performed by contractors and work teams on site.

IntelliPERMIT™ ensures that contractors are only issued permits to work in areas for which they are authorised.

IntelliPERMIT™ can be integrated with your contractor management/access-control systems in order to prevent contractors from entering unauthorised areas or from leaving site without signing off outstanding permits.

Visibility and Traceability

Up to date information regarding all active permits is immediately available to operations management as well as others involved in the running of the plant.

Changes made to permits are controlled and each step in the permit issue process is controlled and audited. A historic record of all permits is retained.

Biometric Authentication

When combined with the recommended Biometrics solution, the integrity of permits can be improved even further. The Biometrics solution is built on highly reliable fingerprint scanners proven in industrial environments.

Learning and Coaching

The process of preparing a permit coaches the user and provides on-going reinforcement of learning by using the software. This serves to reinforce and refresh learning and helps users to maintain vigilance and avoid rote answers.



Part of OpSUITE™

IntelliPERMIT™ is one module in ApplyIT's Operations Suite (OpSUITE™). While the module can be implemented on its own, many additional benefits can be realised when combined with other solutions including OptiRUN™ maintenance management, the SmartSURE™ safety management system and the FlexiLOG™ operations performance solutions.

Total Operations Insight

ApplyIT has been improving operations performance in mining and manufacturing companies for over a decade using innovative technology solutions that are based on industry insights. Our exemplary track record has resulted in some of the largest (and also the smallest) mining and manufacturing companies adopting the OpSUITE™ solutions.

IntelliPERMIT™ is a practical and innovative addition to our suite of leading solutions for the mining, manufacturing and energy sectors.

EASY TO SUPPORT

IntelliPERMIT™ is based on robust Microsoft technologies making the system easy to support and maintain. ApplyIT does recommend a service plan whereby the system adoption, safe rules configuration and usage statistics are measured on a regular basis to drive continuous performance improvement.

Exception Management

IntelliPERMIT™ is designed to raise exceptions for further investigation when deviations from standard procedures are necessary. This ensures that problems with procedures or the system rules are identified and addressed.

Not the Same as Paper or a CMMS

IntelliPERMIT™ is not a computer based replica of a paper based permit system, nor is it a bolt on to a maintenance system. Intelligent safety rules, enforced system controls, auditability, visibility etc. are all enhanced over paper based systems and represent a step change in safety integrity and reliability.

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