

# SOL-X

BY MAGELLANX 

## What is SOL-X Control of Work

SOL-X Control Of Work system is an integrated software with streamlined workflows, data validation and authorised workers signoffs, to improve compliance assurance, planning and execution.



## We address key industry pain points

### Compliance

- Using paperwork to gain assurance and control of activities on worksite
- Compliance documentation is inconsistent / inaccurate

#### Our Solution

- Ensures regulatory and procedural compliance to workflows
- Reduces cumulative risk of on-going hazardous operations

### Operational Excellence

- Inconsistent practices of paper-based forms increase probability of clerical errors and HSE compliance issues

#### Our Solution

- Improved Control Of Work planning, execution and streamlines workflows
- Enhanced digital document management provides efficiency

### Safety Culture

- Lagging safety indicators rely on past incident reporting by the worker

#### Our Solution

- Proactive worker behaviour changes through standardisation of work procedures and safety indicators
- Enhanced on-site worker situational awareness during highly hazardous jobs

## Features

- Integrated Control Of Work
- Near Real Time Operations Monitoring\*
- Work On The Go
- Compliance Safeguards
- Reporting and Analytics

\*Near real time subject to worksite connectivity

## How It Works

SOL-X Control Of Work is a component of the comprehensive software, hardware, and networking solution that complements and extends your existing infrastructure to enable a Connected Worksite. The SOL-X solution is compatible with major connectivity protocols, for example Wi-Fi, Bluetooth, Long Range Bluetooth etc.



## 4 Key Impacts

### Compliance

- US\$25,000\* average costs avoided for compliance and safety incidents
- Streamlines digital workflows, worksite connectivity, driving tangible cost savings

### Safety Culture

- Workers are encouraged to follow the correct procedures using an end-to-end mobile Permits To Work system, increasing operational safety.
- Motivates workers to feel more accountable with increased situational awareness

### Operational Excellence

- 4,600\* total man hours saved per vessel in a year for shipping industry
- US\$60,000\* productivity value per year

\*Based on data collected from customer usage in 2021

### Audit Preparation

- Establishes a document repository that enables consolidated audit preparation in minutes.
- Worksites can operate more sustainably on an environmental and operational level

## How do we manage Simultaneous Operations (SIMOPS) effectively?

SIMOPS or other combinations of work permits need to be considered during every planning step of the Permit To Work process. When two or more tasks are performed together, it leads to SIMOPS risk. To avoid this, the team must ensure that multiple permits are not live simultaneously.

**The following 5 steps help in minimising the risk of SIMOPS:**

- Identify hazards by the SIMOPS
- Evaluate the risk associated
- Validate the established control measure
- Stipulate other risk reduction measures
- Provide input to Permit To Work process for including alternative controls

SOL-X Control Of Work digital system establishes all these steps are taken with automatic controls to show when SIMOPS occurs and at which risk level. This ensures that your company's SIMOPS rules and restrictions are immediately known at every step of the permit planning process, for a holistic overview and ensured safety measures.

## Contact Us

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