



Control of Work

Make better-informed decisions with a single, shared view of the operational reality.

The frontline is where everything comes together. It's where production happens. It's where hazards need to be mitigated and managed. It's where risks and human interactions collide, and it's where the combination of simultaneously occurring factors impact operational performance. The risk on an asset changes as fast as its operational reality. While there is often a lot of data coming from various management systems and inspection databases, the lack of insights makes it challenging to ensure safe and effective operations.

In operating environments that are constantly changing, companies need insights based on real-time asset conditions to improve and sustain control work practices and make sound operational decisions.

Power your digital operations strategy.

Sphera's Control of Work—which encompasses electronic Permit to Work (ePTW), isolation management, hazard assessments, maintenance shifts, simultaneous operations (SIMOPS), process safety barrier management and more—delivers a single, shared view of a plant's operational reality with a radically different, far more intuitive way to simulate and manage work activities and risk.



Standardize control
of work processes



Connect
disparate data



Monitor
performance



Identify and manage
major accident hazard
(MAH) risk exposure



Access a **realistic**
view of the
operational reality



Prioritize and
optimize the
schedule against risk

Our solutions for Control of Work.



Permit to Work

Your journey to Operational Risk Management starts here. By combining information from permits, risk assessments and isolations (LOTO), work teams can ensure compliance and improve the way they manage the work permissions process.

Isolation Management

Plan and create safe work procedures to deactivate energy sources so maintenance work can begin.

Interactive P&ID

Streamline isolations planning with quick access to engineering documentation and interactive capabilities to mark-up piping and instrumentation diagrams (P&IDs).

Activity Risk Management

Visualize and manage interdependent risks associated with permitted and operational activities.

Operations Logbook & Shift Handover

Before starting a shift, know what has happened, what is happening now and what is likely to happen during upcoming shift periods.

Process Safety Barrier Management

Automatically map all performance deviations, hazardous activities, abnormal conditions, human and sensor-derived inputs to a dynamic process safety barrier model. Simulate the Major Accident Hazard (MAH) risk impact of work activities, risks and process safety-critical equipment in each area of your asset in real-time.

Dynamic Risk Pathways

The industry's next generation of ORM Digital Twin technology provides the real-time capture, modelling and simulation of causal risk pathways related to specific risk scenarios outlined in bowties, PHAs, and other risk assessments.

Emergency Preparedness & Response

In the case an incident or accident happens, ensure your teams have access to response plan information as events unfold, which allows them to quickly assess the situation and respond appropriately.

Integration with third-party systems

Powerful integration capabilities allow you to integrate with your existing IT and business application ecosystem.

Manage the big picture.

Sphera's capabilities help transform the way operations are managed by delivering a real-time, digital replica of the asset that simulates the operational reality. Our Control of Work solutions provide ORM Digital Twin capabilities to help operators know what's happening, where it's happening, when it's happening and what's driving the risk. Now, unprecedented situational awareness serves as the basis for cumulative and predictive risk and operations management.

Finally, operators have the tools they need to routinely manage activities and risk in a joined-up way. A common view of risk enables everyone to be better prepared, better informed and better connected so they can make better, more informed operational decisions.



Manage dynamic frontline operations

Standardize permitted and non-permitted work processes across your operations with real-time visibility into MAH risk exposure.



Build and deliver a safe and executable schedule

Connect activity plans to the reality of operations. Operationalize the schedule with capabilities to reconcile, prioritize and reschedule potential conflicting demands.



Ensure safer, more efficient shutdowns, and turnarounds

Digitally transform shutdown and turnaround planning and execution, and seamlessly transition back to daily operations.



Manage asset integrity and plant reliability

Manage the integrity and reliability of safety-critical equipment and systems.



Enable the industrial connected worker

Give work teams mobile access to the context they need to do their work safely and efficiently.

Drive Operational Excellence.

- Keep people and assets safe
- Dynamically increase efficiency at the frontline
- Manage hidden costs by reducing work-related inefficiencies
- Ensure compliance and control
- Improve prioritization of work, activities and resources
- Ensure continuous performance improvement
- Respond when it matters most

Is your organization ready to solve daily challenges with a single, unifying software that drives operational excellence?

Contact us to learn more about Sphera's Control of Work solutions.

[sphera.com/contact-us](https://www.sphera.com/contact-us)

ABOUT SPHERA

Sphera creates a safer, more sustainable and productive world. Our innovative cloud-based risk management platform connects an unprecedented amount of information that leads to deeper insights across an enterprise. We operationalize, scale and optimize Integrated Risk Management strategies to help customers identify, manage and mitigate risk in the areas of Environment, Health, Safety & Sustainability (EHS&S), Operational Risk Management and Product Stewardship.