

# OPERATIONAL RISK SERVICES

OPERATIONAL RISK SERVICES CAN ENHANCE YOUR RISK MANAGEMENT PRACTICES WITH CONSTRUCTIVE AND INNOVATIVE SOLUTIONS TAILORED FOR YOUR OPERATIONAL AND QUALITY RISK MANAGEMENT OBJECTIVES. FROM FACILITATION OF RISK ASSESSMENT STUDIES, TO GUIDANCE ON POST-STUDY FOLLOW UPS AND BROADER RISK MANAGEMENT ACTIVITIES, OUR TEAM OF CONSULTANTS BRINGS ITS BROAD INTERNATIONAL, CROSS-INDUSTRY EXPERIENCE TO EACH SOLUTION.



## BENEFITS

- Increased collaboration
- Enterprise-wide knowledge share
- Global risk visibility
- Effective process execution

## Operational Risk Services Overview

Operational Risk Services offer a unique combination of methodologies, analytics, processes, expertise and tools to supplement your risk management systems. Operational Risk Services subject matter experts average 15 years of experience helping clients achieve success in risk prevention, mitigation and quality management. Our proven track record of helping clients globally to meet strict regulatory requirements and industry standards highlights our commitment to providing high quality, customized risk management services on a timely, efficient and cost-effective basis.

These services empower companies in over 40 countries across the globe to discover and manage the risks to people and products in the design and operational life cycles. We help companies in various asset-intensive industries, such as chemicals, petrochemicals, fertilizers, pharmaceuticals, mining, and oil and gas, to ensure that quality, reliability and safety are built into both products and processes from start to finish.

Our Process Safety and Quality experts help customers develop risk management processes, policies and procedures, and design and deploy Sphera enterprise risk management solutions (including Sphera Stature) on an integrated platform for managing risk.

## Operational Risk Services:

### Overview

Sphera offers a track record of facilitating studies that integrates our solutions and risk management expertise with your team's knowledge of your company's processes and inherent risks. We can provide the facilitators you need who are well-versed on broadly accepted international standards to lead your existing team in performing risk assessments based on your desired Process Hazard Analysis (PHA) methodology.

### PHA

- PHA Revalidation
- Bowtie
- Hazard and Operability Analysis (HAZOP)
- What-if
- Layers of Protection Analysis (LOPA)/Safeguard analysis
- Safety Integrity Levels (SIL) Assignment
- Application of the hierarchy of controls to study recommendations
- Damage mechanism review support
- Post PHA support (prioritization of recommendations and identification of safety critical equipment)

### Risk Management

- Risk Management System
- Management of Change
- Incident Management/Incident Investigations
- Safety Instrumented System Lifecycle Quality Management System
- Risk Register

### Training

Sphera public enrollment, on-site, or web-based training provides interactive workshops that enable participants to learn up-to-date industry techniques and methodologies and how to apply them to their routine tasks. Our most popular training classes are on the following methodologies: PHA, FMEA, and FMECA. Our experts can also show you how to make the most of the Sphera software solutions to maximize your return on investment. Our training programs can be customized to ensure that your needs are met. Standard training includes:

- Sphera Desktop Pro software training
- PHA: Facilitation, Methodology, Leadership training
- FMEA and FTA Methodology training

### Technical Solutions Design

In addition, to ensure that you are getting the most from your enterprise and Desktop Pro pro software solutions, the Sphera Operational Risk Services team develops customized and specialty templates to complement your risk management efforts.

The Operational Risk Services team works daily with clients across a broad spectrum of industries around the globe, and thus helps you to bring greater depth to all your risk management discussions. This experience allows Sphera to help you design solutions that maximize the efficiency of your risk management efforts, taking into account the broader scope of many process safety, quality, and other risk management programs, increasing accuracy, reducing errors, and supporting continuous improvement.

[www.sphera.com](http://www.sphera.com)

For more information contact us at:  
[sphera.com/contact-us/](http://sphera.com/contact-us/)

#### ABOUT Sphera Solutions

For more than 30 years, Sphera has been committed to creating a safer, more sustainable and productive world by advancing operational excellence. Sphera is the largest global provider of Operational Excellence software and information services with a focus on Environmental Health & Safety (EH&S), Operational Risk and Product Stewardship. The Chicago-based company serves more than 2,500 customers and over 1 million individual users across 70 countries. Sphera is a portfolio company of Genstar Capital, a leading middle-market private equity firm focused on the software, industrial technology, financial services and healthcare industries.