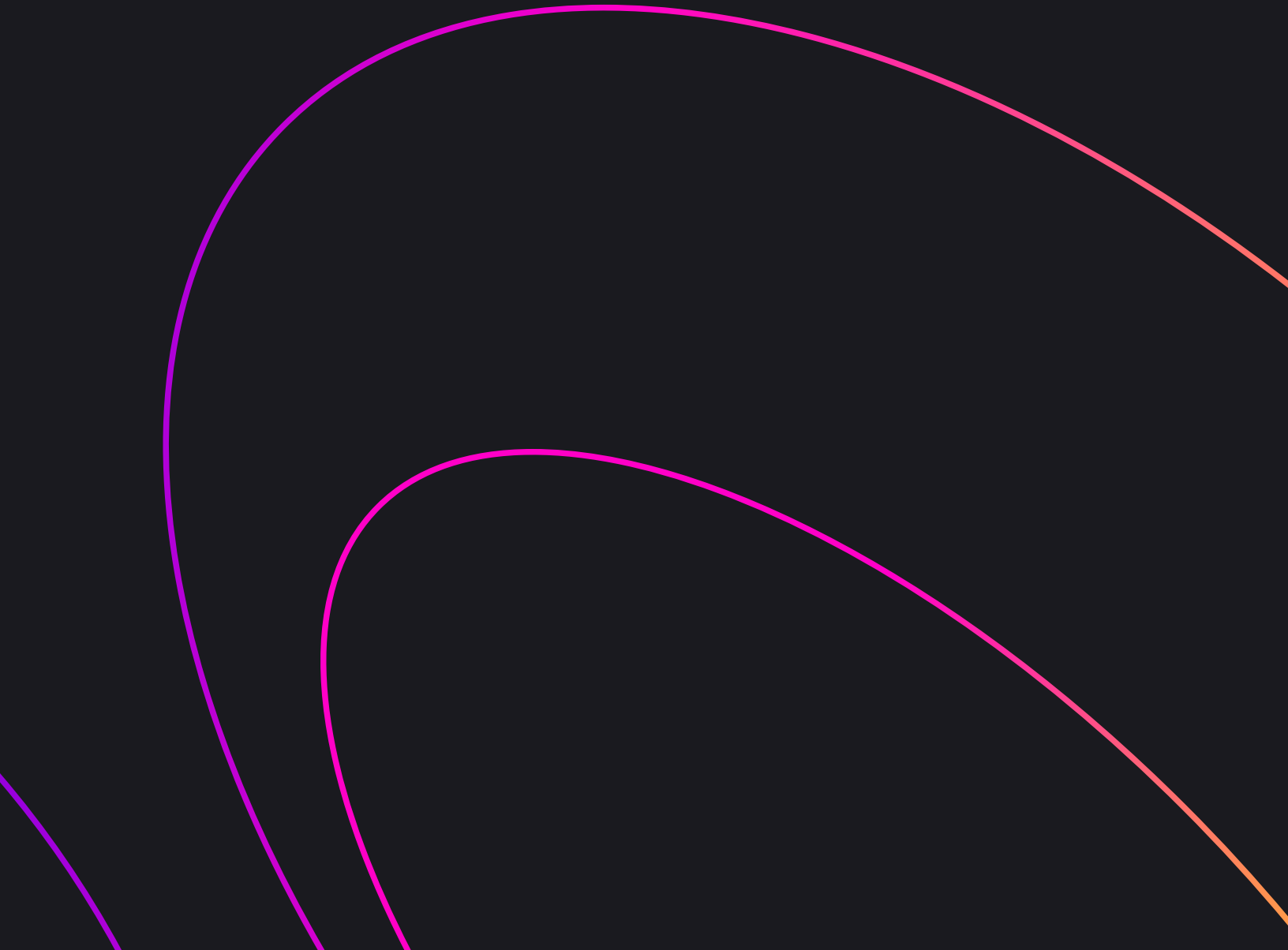




BROCHURE

A guide to Octave solutions for owner-operators





Process safety management

Owner-operators recognize that process safety and asset integrity are crucial requirements for maintaining their license to operate secure, safe and reliable production at the lowest sustainable cost. While the financial benefits from implementing process safety management (PSM) programs are difficult to quantify, industry surveys show that PSM investment positively impacts bottom-line performance. This is where Octave can partner with you on your journey to meet increasing demands to reduce waste, lower energy consumption and operating costs and improve sustainability.

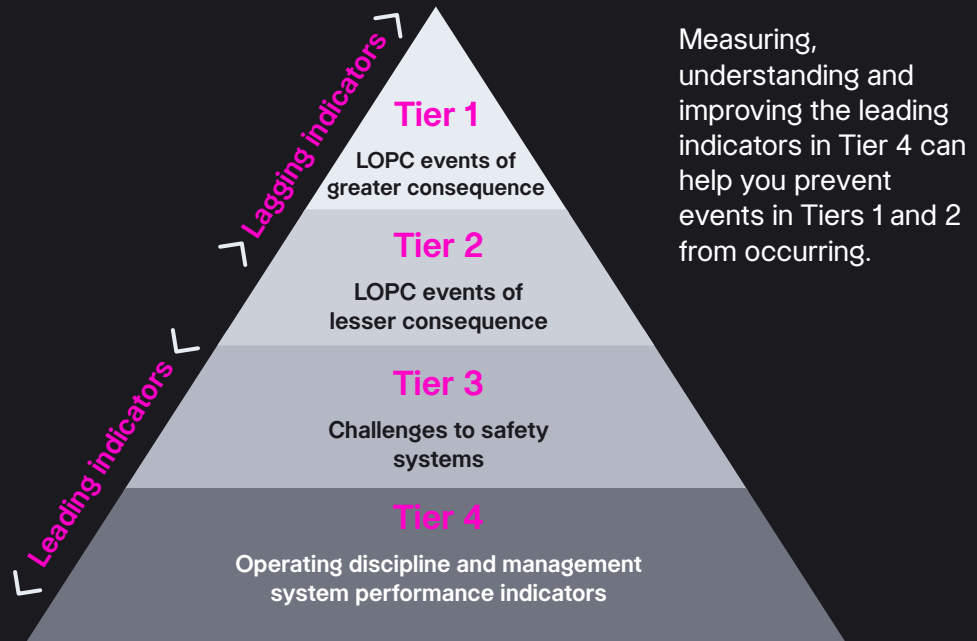
Operational layers of protection – defense in depth!

Process safety is built on multiple layers of protection. Each plays a role in reducing risk and maintaining control:

- Procedures and management systems
- Regulatory control loops
- Alarms and operator interventions
- Trip/SAS activation/unit shutdown
- Process relief and containment
- Evacuation

Strengthening these layers improves safety and operational resilience in your facilities.

To drive continuous improvement, organizations can align with API754 standards, using leading and lagging indicators to measure performance.



Process safety information (PSI)

Process safety information (PSI) includes information on hazardous materials, associated technologies and the equipment involved. It is important to maintain a register of materials stored, applied and managed within a facility.

For example, within the chemical index or register, all relevant information about these chemicals must be maintained, including, but not limited to:

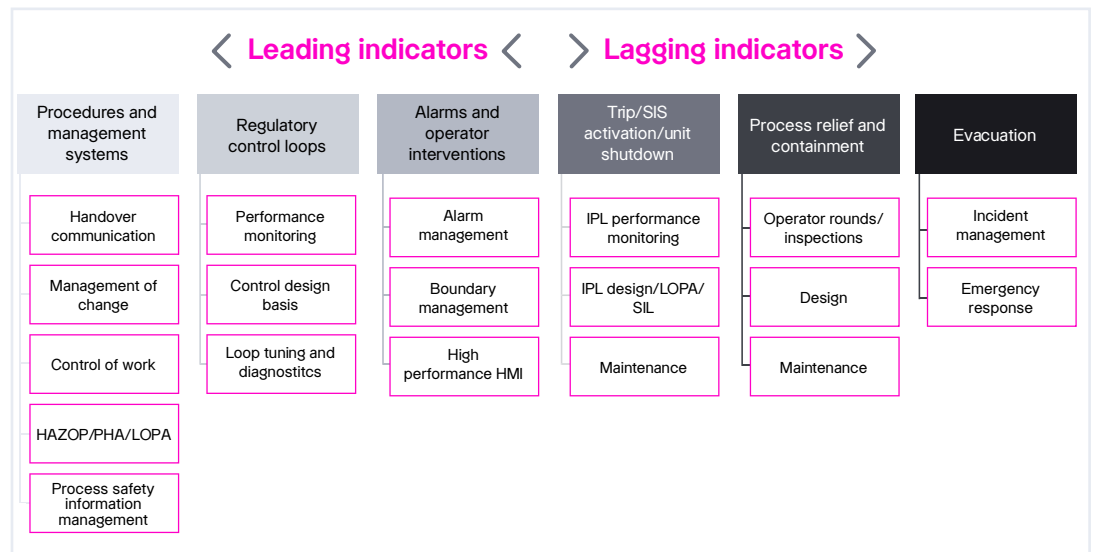
Location	Characteristics	List of equipment and parts within the plant where the chemicals are used	Critical documents related to the chemicals (such as MSDS and reactivity matrix)
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The registers aid in assessing safety risks not only during modifications, but also during normal maintenance activities. It is essential that this information is quickly and easily available in the case of incidents.

Octave solutions flag PSI documents and safety critical equipment (SCE) within a facility and identify these quickly for safety assessments, along with relevant data and documents required to be maintained against this equipment. The management of change (MoC) process enables stakeholders to quickly visualize the impacted PSI and SCE for faster, more informed reviews and decisions.



What we do today within Octave



63% of surveyed customers would use technology to automate data capture, transfer and validation in their next project to address challenges of project information handover. Octave can help you address challenges and prepare for the future.

Source: Survey of 71 users of Octave information management/owner-operator solutions

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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