

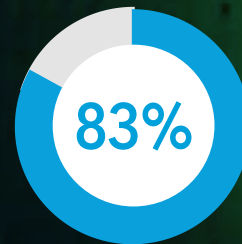
# Digital Technology Drives PSM Efficiency Yet Human Factors Increase Risk

ACCORDING TO THE RESULTS OF SPHERA'S PROCESS SAFETY REPORT 2023

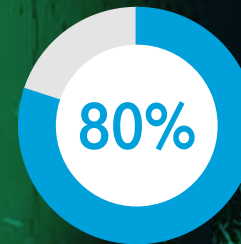
**Technology** is increasingly valued by companies to help them reduce vulnerability to high-potential near-misses and major hazard events.



agree on the **enabling role of technology** now or in the future.

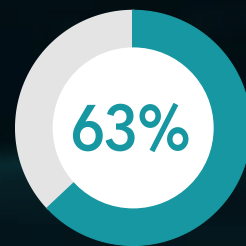


believe that **access to digitized, real-time process safety risk indicators** improves risk awareness and safety.

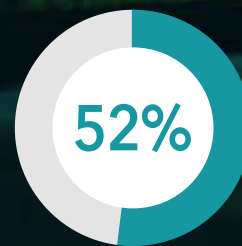


agree that **technology helps reduce vulnerability** to hazard events.

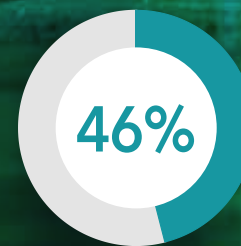
At the same time, **human factors** are regarded as challenges to delivering effective process safety management.



report that **human factors negatively impact safety performance**.



say that **the loss of experienced personnel** increases risk.



think that **conflicts between policy and frontline working practice** increase risk.

Integrated digital systems serve to standardize processes and ensure tasks are performed in the correct order and the correct way. By implementing digital systems, companies can embed, standardize and enforce best practices. At the same time, the organizational culture and leadership from the top are critical for effective process safety performance.



For the 2023 report, Sphera surveyed 239 process safety management professionals in a range of industries across the globe.