Mangan Software Solutions Safety Lifecycle Manager SLM®

Safety Lifecycle Manager

Conformance to IEC61511

SLM®
Safety Lifecycle Manager

Continuous Safety
for All Lifecycle Phases

Safety is not a one-off initiative or a quick and permanent fix — it is a continuous, dynamic process. Ensuring the safety of your industrial plants requires you to examine the whole picture. You need to consider the entire lifecycle of your safety system: from planning and installation to operation and modification. Even the eventual decommissioning of the system needs to be taken into account.

Why SLM®?

Putting continuous safety strategy into practice requires significant effort and extensive knowledge. You need to have a technology partner that can support you in all phases of this critical process, giving you peace of mind and a sense of trust and satisfaction, so that you can focus on your core business.

Mangan's SLM® (Safety Lifecycle Manager) software is a comprehensive set of interconnected application modules that cover the entire Process Safety and Functional Safety Lifecycle. From HAZOP and LOPA Studies to SIS Design, Operations, and Maintenance, Mangan's SLM® is on hand to support

Trusted by The Leaders

Chevron | Shell | bp | Marathon | Total | Motiva

Mangan's SLM® has been adopted by the industry's top names including but not limited to Chevron, Marathon, Motiva, BP, Total, and Shell, etc. Mangan's SLM® has all the tools you need to successfully manage the complete Safety Lifecycle and is engineered to solve your toughest Process Safety and SIS Lifecycle Management challenges. It's the ONLY software platform having IEC - 61508 & 61511 ed. 2 TUV Rhineland certifications.

MANGAN
Software Solutions

SLM®'s
Key Highlights

Integrated Risk Assessment

Integrates and seamlessly implements risk assessment and management methodologies like HAZOP, LOPA, and BowTie to carefully articulate the risks and hazards to people and equipment.

Managed Operations

To ensure that your design systems are managed and performance is measured, Mangan's SLM® has Operate & Maintain, Functional Safety Assessment, MOC, Action Item Tracker, and Personnel Modules to manage the operation and validation of your personnel and safety systems.

Powerful Analytics

Powerful analytics from Mangan's SLM®, transform SIS Lifecycle and Process Safety metrics into leading meaningful indicators. This gives business leaders and engineers unprecedented visibility and assurance that process safety risk controls are being effectively managed before incidents occur.

Workflows

Your SIS Lifecycle practices are your competitive advantage. Keep them. Our highly configurable system and experienced deployment teams can map the industry's standard workflows to your practices, shortening the cost and duration of adopting our system while eliminating the need to rewrite your SIS and PSM procedures.

Process Safety Intelligence

Track and store all of your data in one platform and access it anywhere, anytime. Interconnected modules keep your data evergreen and your functional safety information insync with your latest PHA/LOPA studies, giving you the peace of mind to execute tasks faster, make quicker decisions, and accelerate reporting.

Optimized for the Cloud

Mangan's SLM® platform lives in the cloud and eliminates the information silos that have made your job frustrating and inefficient. You now have instant access to evergreen, accurate SIS Lifecycle and Process Safety data.

Process Safety INFORMATION into INTELLIGENCE

The SLM® Platform's Tier III metrics empower you to take on-time right decisions to avoid major incidents, improve plant availability and optimize operating conditions.

Tier 1 — Events of Greater Consequence
Tier 2 — Events of Lesse consequence
Tier 3 — Challenges to Safety Systems
Tier 4 — Operating Discipline & Managment System Proformance Indicators

Lagging Indicators

Leading Indicators

SLM® Safety Lifecycle Manager

SAFETY LIFECYCLE PHASES

01 Assessment & Specification
02 Design & Engineering
03 Installation & Commissioning
04 Validation
05 Operation & Maintenance
06 Modification
07 Decommissioning