

A Complete Solution for High Integrity Pressure Protection Systems (HIPPS)



FISHER™

HIPPS are Crucial in Preventing Overpressure Events

Overpressure events can put people and the environment in harm's way. Shutting off the pressure at the source with a High Integrity Pressure Protection System (HIPPS) provides a reliable layer of overpressure protection without the fugitive emissions and lost product that may result from an overpressure event using flares or conventional pressure relief systems.



Holistic Support Throughout the Safety Lifecycle

Emerson's HIPPS solution is designed to help you comply with the latest regulatory requirements by offering holistic support throughout the entire IEC 61511 safety lifecycle. Utilizing Emerson as the HIPPS Provider will help ensure the sensing elements, logic solver, and final control elements work together as a total safety instrumented function, while meeting the integrity, operability and maintainability required for a HIPPS system and defined in the Safety Requirements Specification (SRS).

Meet Your Regulatory Compliance Requirements

Emerson provides SIL verification support and third-party certification services to help meet IEC 61511 compliance. According to the Offshore Reliability Database the final control element contributes more than 50% of the dangerous failure modes for Safety Instrumented Systems (SIS). Proven equipment matched with comprehensive factory acceptance testing fully tests operation against the safety functionality and prevents costly unanticipated configuration changes during start-up. Our complete HIPPS documentation ensures you are provided the details and procedures needed to operate your HIPPS and eliminate guess work that may lead to systematic failures.

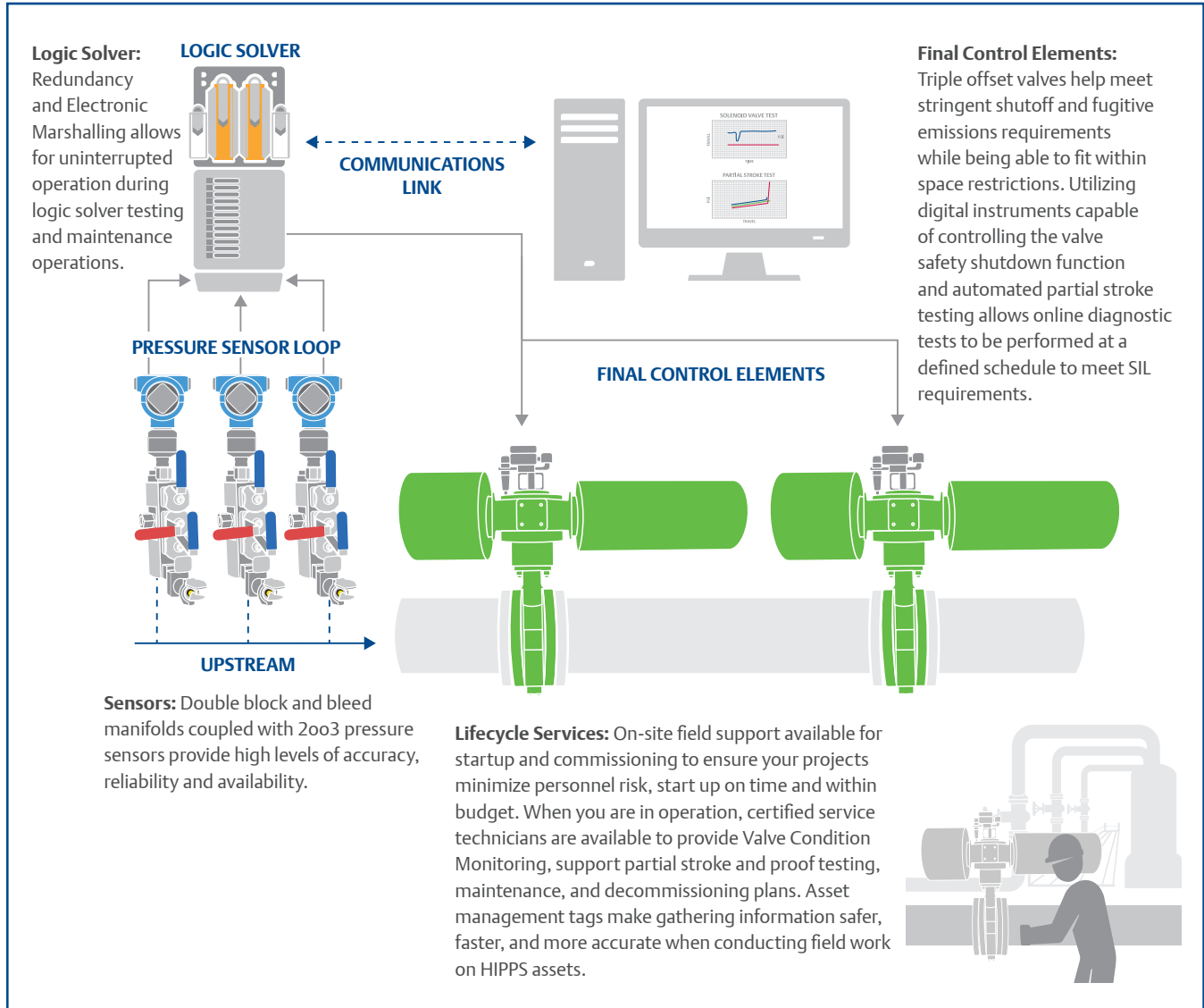
Defined proof and partial stroke test procedures, as well as available service technicians, ensure tests are carried out at the intervals necessary to maintain SIL compliance with minimal impact to normal operation.








EMERSON™

All-Emerson HIPPS Solution

Emerson's preconfigured and proven HIPPS solution ensures project certainty by optimizing the procurement and manufacturing process to meet your project deadlines while providing advanced technologies to match the unique needs of the application.



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