

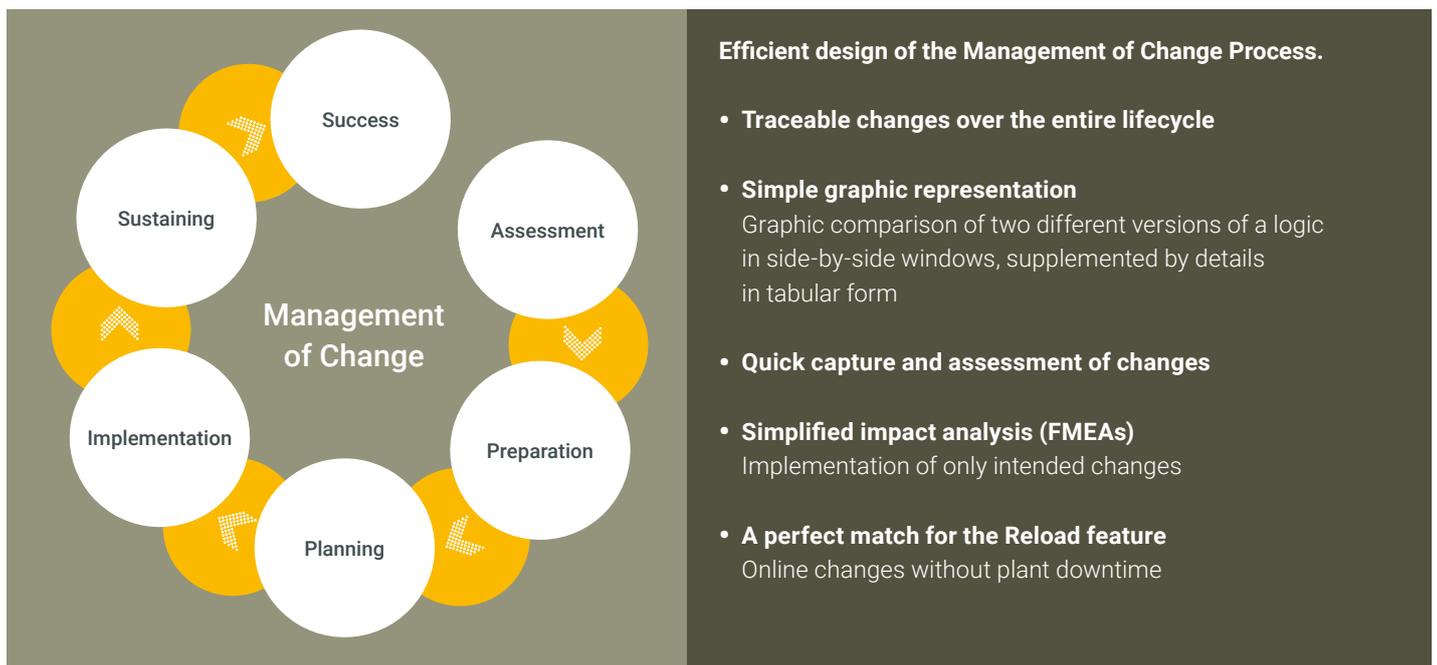
#safetygoesdigital

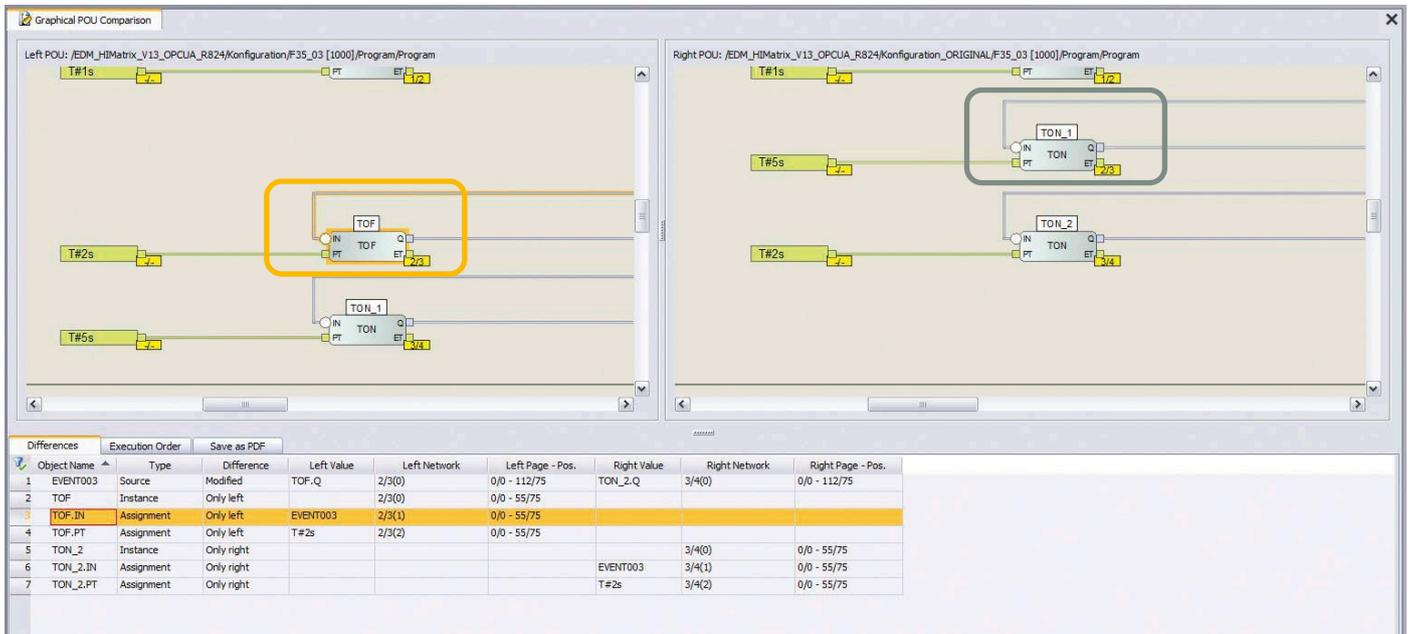
## SILworX® COMPARATOR PLUS

# Tracking of Logic Changes

Comparing logics at a glance and making changes visible: SILworX COMPARATOR PLUS simplifies the management of change over the entire lifecycle. It allows you to compare the logic of two programs, functions or function blocks (Program Organization Units) with one another, displaying the changes **graphically** and in tabular form with a high degree of detail. Potential error sources in the application are reduced to a minimum and the results from the change tracking are digitally accessible.

The COMPARATOR PLUS delivers improved usability, enhanced traceability and easier tracking of changes in the highly regulated environment of both the process and rail industries - ensuring greater efficiency. Simplified acceptance by regulatory authorities in compliance with the relevant standards.





By selecting two different versions of a logic, the differences are highlighted graphically in side-by-side windows and supplemented by details in tabular form.

## Management of Change

### During the engineering process:

- Simple version management
- Simplified reviews
- Optimized analysis and tracking

### Modifications during operation:

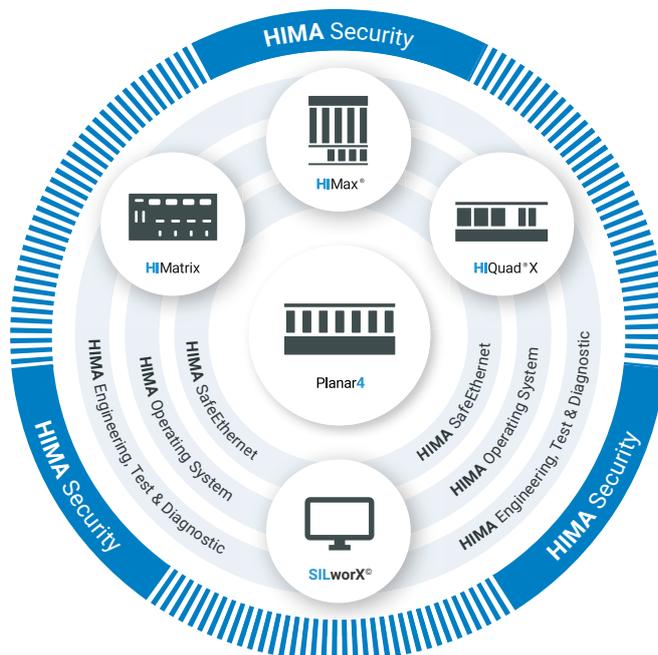
- Improved test planning
- Standard-compliant verification
- Proof for regulatory authorities
- Simplified online modification without compromising the plant availability

Other version comparators only allow comparisons of entire resources and require laborious analysis and manual processing (e.g., before/after printouts with highlighting). With the COMPARATOR PLUS, changes are automatically highlighted graphically, displayed in a meaningful way and are transparent to everyone. A considerable advantage, especially in view of even shorter project times, decentralized project locations and reduced resources.

With this in mind, the COMPARATOR PLUS simplifies the management of change, ensuring that changes are fast and easy to make, and that the highest level of functional safety is maintained at every stage of the lifecycle. This applies to modifications performed during the engineering process as well as for modifications during operation.

## Safety Platform

SILworX is the programming tool for HIMax, HIQuad X and HIMatrix systems, and for the HIJunction Box. In conjunction with the SafeEthernet protocol, they represent the core of the HIMA Safety Platform.



## Function

- COMPARATOR PLUS for graphically comparing Program Organization Units (POUs) in SILworX.

## Scope of delivery

- The COMPARATOR PLUS is available in SILworX (version 13) as add-on option.