

## PRODUCT CHANGE NOTIFICATION

#PCN-ION-HDCP-14

Business Unit	Product Line Code	Type of Change	Action	Date of issue
ION	CNA	Software	Notify Distributors and Field	12/15/2014

*The following Phoenix Contact products have been modified. Existing specifications will be met or exceeded. Please review and acknowledge this document and inform your personnel as needed.*

### Description of Change:

We have identified two sets of circumstances that could lead to possible errors in projects created in SAFECNF 2.80 and earlier. The possibility of error is present under two separate conditions:

1. **Using the “integrate further safety networks” function with symmetrical, unconnected function blocks and then shifting or deleting networks**
2. **Separating double input signals within the SAFECNF workspace for Trisafe Projects.**

It is highly unlikely that in your project creation, either of these sequences occurred; however, if you believe that you may be affected, please consider the detailed walkthrough below for each error and check your project to ensure you are not affected. Even though only a small fraction of actual projects will be affected, these errors occur in the safety related part of the control system, so **we are recommending that all customers uninstall SAFECNF 2.80 and install SAFECNF 2.90.**

Detailed walkthrough of each error condition:

**1) Unconnected function blocks connect when shifting or deleting networks after using “integrate further safety networks” function in SAFECNF safety software.**

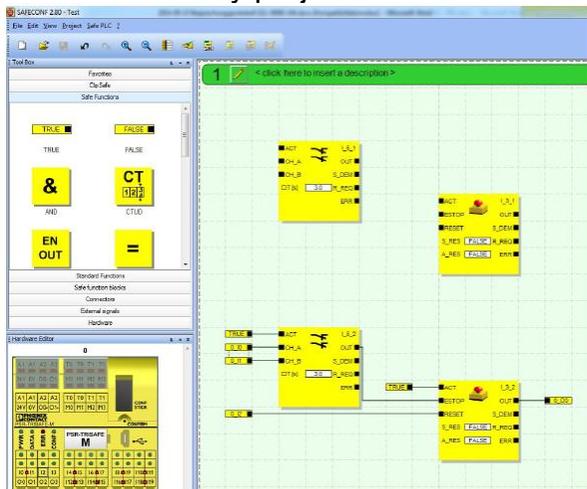
**Affected SAFECNF software versions: 2.4, 2.5, 2.6, 2.7, 2.7.1, 2.7.2, 2.8**

If all of the following prerequisites are met when creating the safety logic, it may be possible for unconnected inputs or outputs of function blocks to be automatically connected, thus creating an unintended alteration to the logic.

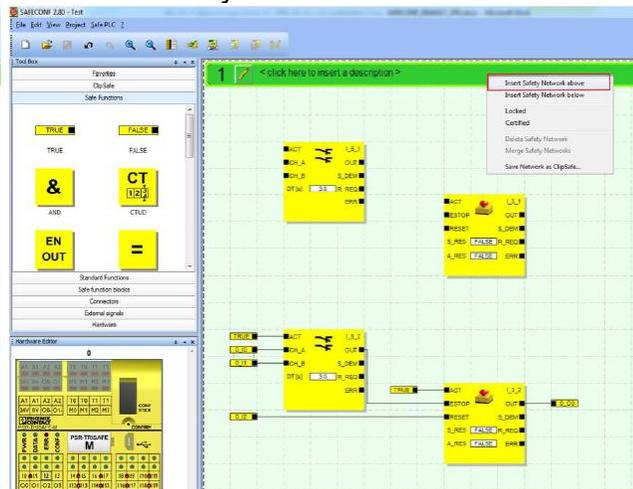
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Prerequisites that must **all** be met:

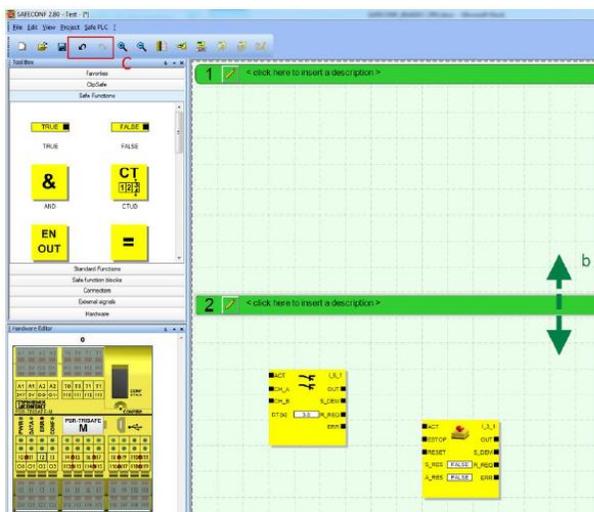
1) Symmetrically built networks with the safety project



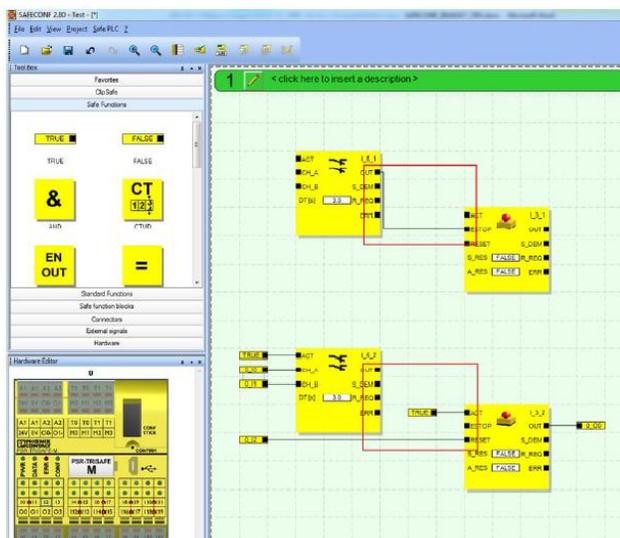
2) Use of the function 'Integrate further safety networks'



3) Shift the network limits (b) and subsequently undo the changes via the program's 'Undo' function (c) to the initial situation 1.



4) In very rare cases, the connecting line may have shifted.



Should **all aforementioned** prerequisites apply to the projects you created, then there is the possibility that an automatic regeneration of connecting lines takes place with a pixel-precise shifting of a symmetrically built project. In this case, please check your created safety logic since there might have been changes in this safety logic.

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Please note that the aforementioned behavior could occur in existing and newly created projects, regardless the status (open, protected, certified) of the networks within the project.

### 2) Separating double input signals within the SAFECONF workspace for Trisafe Projects and then using the undo button could switch the input configuration

#### Affected software version: 2.8

If you have used double signals interlinked with each other and separated them into individual signals by right-clicking in the graphical editor when creating projects for PSR-Trisafe, then the subsequent undoing of this separation might lead to a reversal of the order of input signals already connected to function blocks. Attached to this document please find an illustrated description.

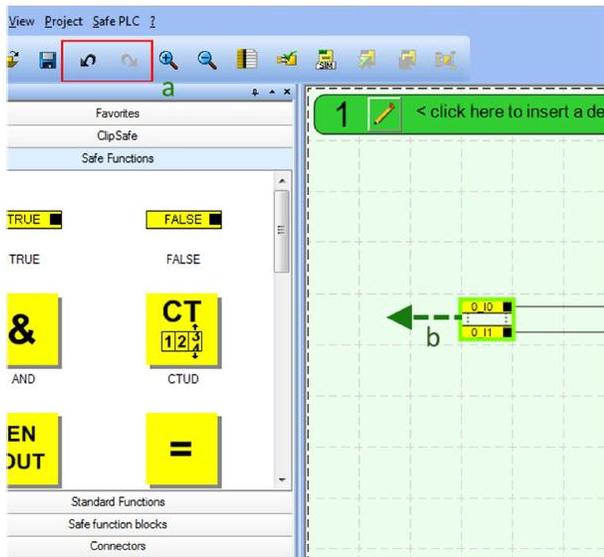
1) Dual channel inputs are connected within the safety logic

2) Separate the double signals in the graphical editor via the context menu.

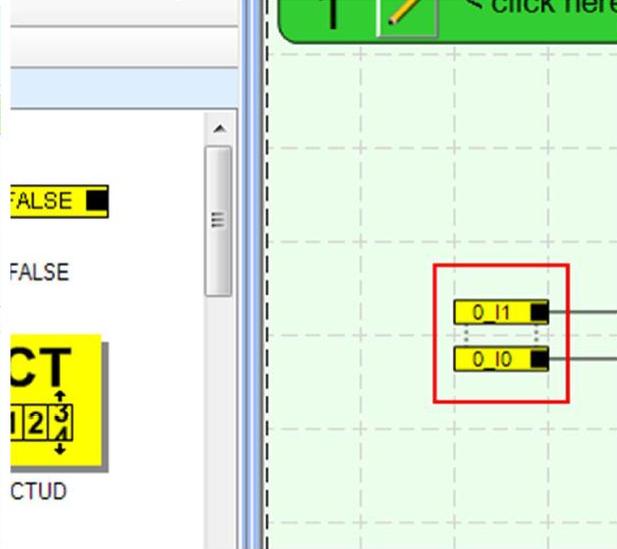


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3) Undo using the 'Undo' function (a) and subsequent shifting of the double signal (b).



4) Then the project must be stored. After reopening, the input signals might have been exchanged.



### Important Note:

Should the aforementioned description of the procedure apply to your SAFECONF projects, then there is the possibility that the mode of operation of your safety logic has been changed. In this case, please check the safety logic and safety functions in your application for correctness with regard to your specification.

In order to avoid the described behavior in new projects and future changes of existing configurations, you need to change to the new version SAFECONF 2.90 to create new SAFECONF projects and modify existing SAFECONF projects.

### Warranty Information:

### Stock Status

Can existing stock still be used? Y

Is mixture of stock acceptable? Y

## PRODUCT CHANGE NOTIFICATION

Transaction Dates:
Date modification goes into effect from Germany: 12/8/2014
Expected first shipment (from Phoenix Contact) of the modified product(s):

Previous Product	New Product
SAFECONF 2.80	SAFECONF 2.90

*Should you have any issues with the timeline or content of this change, please contact Phoenix Contact using the contact information below. Customers should acknowledge receipt of the PCN within 30 days of delivery of the PCN; provided, however that the failure to acknowledge receipt does not affect the product change or the effective date thereof.*

**Contact Info:**

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Product Specialist  
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Thank you,




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Ira Sharp, Product Marketing Manager

Part#	Type Description
2986012	PSR-SCP- 24DC/TS/M
2986025	PSR-SPP- 24DC/TS/M
2986229	PSR-SCP- 24DC/TS/S
2986232	PSR-SPP- 24DC/TS/S
2701625	IB IL 24 LPSDO 8 V3-PAC
2700606	IB IL 24 LPSDO 8 V2-PAC
2916024	IB IL 24 LPSDO 8-PAC