How to update the FC interface after changes occur when calling FC



Overview

The following interface changes in the called block are then automatically updated: Inserting and deleting parameters. Changing parameter names and types. " button, this will take you to the "Interface. If you have made changes to a block (FB, FC, DB) in the interfaces, the following error message appears when the calling block is opened: "There is a time stamp conflict with at least one block call. Optional in POST and PATCH; defaults to true (enabled) in POST. An FC port is identified by its UUID, or a combination of its. In Part 1 of this series, I walked through the basic hardware configuration for a Siemens S7–1500 PLC setup in TIA Portal — adding a CPU, configuring IO modules, and assigning addresses. In this article, we'll explore: How I built two FCs to control: A motor (forward/reverse) A cylinder. Any change you make to the logic inside the FB, will result in the need for updating the Function block call, so that the changes you made can be applied. You can update the block call by right click the FB call and pressing the update block call option or by recompiling your PLC code.



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Article Content

Dec 24, 2025

How do you update invalid block calls (time stamp conflicts) in calling ...

The "Edit > Call > Update" menu command can be used to update any block which has become invalid. The following interface changes in the called block are then automatically updated:

Mar 03, 2026

cmdref.mif

To specify the time after which an unacknowledged link state update should be transmitted on the interface, use the fspf retransmit-interval command in interface configuration submode.

Feb 19, 2026

Getting Started With Function (FC) Programming in TIA

An FC (Function) is a reusable, stateless block of logic in TIA Portal. It has no internal memory (unlike FBs) and must receive its inputs and outputs

Oct 07, 2025

Perform FC-specific tasks in E-Series

Step 1: Configure the FC switches— Windows Configuring (zoning) the Fibre Channel (FC) switches enables the hosts to connect to the storage array and limits the number of paths. You

Oct 16, 2025

FC-Datalogit FD3S User Manual | PDF | Menu

This document is a user manual for the FC-Datalogit FD3S system. It provides instructions on installing and using the FC-Edit software to configure the FC-Box

Jul 05, 2025

Passing a UDT/Struct to a FC/FB in Siemens S7

When I call the FC I cannot seem correctly pass the structure to the FC. A section of a DB has been structured to the UDT and it is this area I wish to pass to the FC as an input parameter.

Feb 07, 2026

Changing The Function Interface of Web Service Functions

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Conclusion Changing the web service virtual interface to match changes in the underlying function module interface is easy. Whether you choose to create a new virtual interface version, or if

Nov 12, 2025

Configure FC adapters

Onboard FC adapters and some FC expansion adapter cards can be individually configured as either initiators or targets ports. Other FC expansion adapters are

Sep 07, 2025

4.3 Overview of Fibre Channel (FC) SAN Protocol

The FC architecture represents true channel and network integration and captures some of the benefits of both channel and network technology. FC protocol

May 12, 2026

How does a FC function work in Siemens PLC?

FC Function is used to create a particular logic in the PLC program and then call it as many times as required.

May 30, 2026

Getting Started With Function (FC) Programming in TIA

What is an FC in TIA Portal? An FC (Function) is a reusable, stateless block of logic in TIA Portal. It has no internal memory (unlike FBs) and must

Nov 29, 2025

Convert the UTA2 port for use in the ONTAP network

You can convert your UTA2 port from Converged Network Adapter (CNA) mode to Fibre Channel (FC) mode, or vice versa. You should change the UTA2 personality from CNA mode to FC mode when

Oct 13, 2025

Manage FC network interfaces

The FC interface REST API allows you to create, delete, update, and discover FC interfaces, and obtain status information for FC interfaces. An FC interface is created on an FC port which is located on a

May 14, 2026

commands-manage-fc-adapters-reference.adoc

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Commands for managing FC adapters You can use FC commands to manage FC target adapters, FC initiator adapters, and onboard FC adapters for your storage controller.

May 25, 2026

Siemens block interface change and associated DB change

In Siemens Step 7, when I modify the interface of an FB and save, a conflict arises between the FB and the associated instance DB.

May 18, 2026

Update an FC interface

To move an interface, supply either the port UUID or the cluster node name and port name in a PATCH. location.node and location.port refer to the current location of the FC interface. This can be different

Mar 19, 2026

display interface fc

Usage Scenario To monitor an FC interface or locate an FC interface fault, you can use the display interface fc command to view the FC interface status and statistics. Precautions The traffic statistics

Jul 18, 2025

Basics of FC Programming with SIMATIC S7-1200

In this article, we''ll explore the basics of Function (FC) programming with SIMATIC S7-1200, one of the key elements in creating efficient and reliable

Nov 16, 2025

Siemens Product Information

The "Edit > Call > Update" menu command can be used to update any block which has become invalid. The following interface changes in the called block are then automatically updated:

Mar 14, 2026

Tia Portal – Different Instances of Calling a Function Block

When calling a function block, you have 3 different options for associating a data block instance with this function call. These different options

Apr 19, 2026

Cisco UCS – Reinitialize FC Port Channel – DavidRing.ie

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Uncategorized Cisco UCS – Reinitialize FC Port Channel Fabric Interconnect CLI: By connecting directly to the fabric interconnect you can quickly

Apr 15, 2026

How do I update the GUI from another thread?

Which is the simplest way to update a Label from another Thread? I have a Form running on thread1, and from that I''m starting another thread (thread2). While thread2 is processing some

Dec 30, 2025

Cisco MDS 9000 Family Troubleshooting Guide,

This chapter describes how to identify and resolve problems that can occur with ports in the Cisco MDS 9000 Family of multilayer directors and fabric switches. It

Sep 01, 2025

SC13. Monitor FB or FC in a Specific Call in Siemens STEP 7

This video introduces how to monitor the inside of the Function Block (FB) or Function (FC) in a specific call in Siemens STEP 7 for online logic troubleshooting.

Oct 30, 2025

interface conflict: FC w/ new variable declarations

Did you try in your LAD/FBD/STL editor to use File->Check and update access? Open up the block from where you call your FC with interface changes and use this functionality. Same

Nov 15, 2025

Difference Between FC and FB in Tia Portal

Learn the difference between FC and FB in TIA Portal, including how they handle memory and their role in Siemens PLC programming.

Oct 26, 2025

How do you update invalid block calls (time stamp conflicts) in calling ...

1. General If you make changes to a block which is called in another block, or if you change a UDT definition which is used in a DB, FC, FB or in another UDT, this gives rise to a time

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Update an FC interface

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Update an FC interface 02/13/2026 Suggest changes PDFs PATCH /network/fc/interfaces/{uuid} Introduced In: 9.6

Jul 06, 2025

Update an FC interface

To move an interface, supply either the UUID or the node name and port name in a PATCH. The location of an FC interface can be set using "location.home_node" and

Mar 04, 2026

Siemens Tia Portal – Different Instances of Calling a Function Block

Any change you make to the logic inside the FB, will result in the need for updating the Function block call, so that the changes you made can be applied. You can update the block call by

Jul 24, 2025

Change the UTA2 port from CNA mode to FC mode

You should change the UTA2 port from Converged Network Adapter (CNA) mode to Fibre Channel (FC) mode to support the FC initiator and FC target mode. You should change the personality from CNA

Jan 08, 2026

TIA Portal: Programming using function FC

This video will show how to:- create the FC - declare the FC''s block interface (i/o parameter and local data)- call the FC into main programming block (OB1)M...

Jan 01, 2026

Commands for managing FC adapters | ONTAP | Lenovo Docs

You can use FC commands to manage FC target adapters, FC initiator adapters, and onboard FC adapters for your storage controller. The same commands are used to manage FC adapters for the

Jun 09, 2026

best way to modify Function Block (FB) in siemens S7 PLC

If you change the declaration-part of an FB, the IDBs of all the calls to the FB will have to be updated as well. And that means the actual values in the IDBs will be set to the initial values.

Aug 10, 2025

Create an FC interface

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location.port.uuid or both location.port.name and location.port.node.name - FC port on which to create the FC interface. data_protocol - Data protocol for the FC interface.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.moletenare-ew.co.za
Email: info@moletenare-ew.co.za
Phone: +86 138 1658 3346
Address: Ningbo, China

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