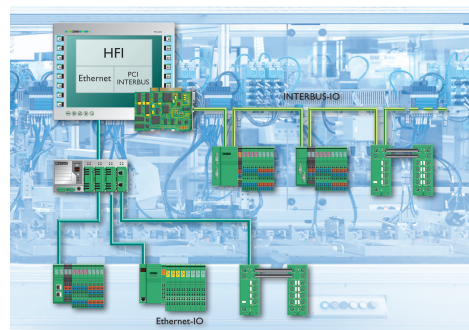


# HFI – CHANGE NOTES

## HFI – change notes at a glance



Application note  
8378\_en\_01

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## 1 General

The High-Level Language Fieldbus Interface (HFI) is a class library (32-/64-bit). The class library includes functions for accessing the data of INTERBUS controller boards and Ethernet-capable I/O stations.

This document contains all changes made between the current version (HFI V3.20) and version 3.00.

## 2 HFI V3.20

### 2.1 New functions

- Update to .NET Framework® 4.6
- Device Explorer and Code Generator for Windows® 10 (32-/64-bit)
- Example project for Microsoft Visual Studio® 2015

### 2.2 Error corrections

When the watchdog was active during startup of the HFI without output data, a time out error in the communication with the bus coupler occurred after a short runtime.

This error has been rectified.

## 3 HFI V3.10

### 3.1 New functions

- New classes for Axioline F bus couplers for Modbus/TCP
- Axioline F update times of 1 ms

### 3.2 Newly supported operating systems

Windows® 8.1 (32-/64-bit) with .NET Framework® 3.5

### 3.3 Operating systems that are no longer supported

Windows® XP with SP3

### 3.4 Error corrections

Windows® 7 update performance optimized by means of a new timer

### 3.5 Devices that are no longer supported

FL IL 24 BK-PAC (Order No. 2862314)



For additional information on the HFI, please refer to the corresponding online help.



Make sure you always use the latest documentation.  
It can be downloaded at [phoenixcontact.net/products](http://phoenixcontact.net/products).



This document is valid for all products listed in the "Ordering data of supported devices" on page 2.

## 4 HFI V3.00

### 4.1 New functions

- "DriverSettings" class
- Behavior can be parameterized when the "Config.AlarmStop" controller class is deactivated

### 4.2 Newly supported operating systems/software

- Windows® XP with SP3
- Windows® 7 (32-/64-bit) with Microsoft Visual Studio® 2008 development environment for C#
- VB.NET

### 4.3 Extended functions

- Update to .NET Framework® 3.5
- Various amendments to generic lists
- Events and properties for activating and deactivating the "Config.AlarmStop" controller class have been changed and extended
- Adjusted error handling
- Controller interface extended by IDisposable
- The variable object property values have been changed to UInt64

### 4.4 Error corrections

Various errors have been eliminated.

### 4.5 Omitted functions

- Compact Framework support
- SVC download
- Error logging in file

### 4.6 Devices that are no longer supported

#### HLC modules

- CP 204M HLC ETH (Order No. 2916150)
- CP 206M HLC ETH (Order No. 2916260)
- CP 206S HLC ETH (Order No. 2988340)
- CP 310T HLC ETH (Order No. 2916480)
- CP 310T HLC ETH IB (Order No. 2916370)

#### ILB modules

ILB ETH 24 DI16 DIO16-2TX (Order No. 2832962)

#### PCI slave cards

- IBS PCI RI/I-T (Order No. 2730129)
- IBS PCI RI-LK (Order No. 2704045)

## 5 Ordering data of supported devices

Description	Type	Order No.	Pcs./Pkt.
INTERBUS PCI master controller board with electrical isolation	IBS PCI SC/I-T	2725260	1
INTERBUS controller board in PCI-104 format, without electrical isolation	IBS PCI 104 SC-T	2737494	1
INTERBUS proxy with integrated 4-port switch	FL NP PND-4TX IB	2985974	1
INTERBUS proxy for fiber optics with integrated 4-port switch	FL NP PND-4TX IB-LK	2985929	1
Inline bus coupler, Modbus/TCP, 8 inputs	IL ETH BK DI8 DO4 2TX-PAC	2703981	1
Ethernet bus coupler, 8 digital inputs	FLM BK ETH M12 DI 8 M12-2TX	2736916	1
Axioline F bus coupler for Ethernet, extreme conditions variant	AXL F BK ETH	2688459	1
Axioline F bus coupler for Ethernet, version for extreme conditions	AXL F BK ETH XC	2701949	1