

# ChangeLog - ABC4013

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## ABC4013 - 2.01.01

### Added support for PROFINET Legacy mode

Category	Description	Comment
<b>Bug fix</b>	Increment serial number with new fragments in request/response	For a fragmented DCE RPC request/response, the serial number should be incremented for every new fragment transmitted. This fix may improve interoperability with certain PROFINET controllers.
<b>Bug fix</b>	Incorrect configuration of LWIP IP fragmentation	Fixed problem with IP fragmentation of packets larger than 1280 bytes. Now up to 2560 byte-packets can be handled.
<b>Bug fix</b>	Incorrect bit mask definitions for HMS Switch Px_Cfg registers	Updated bit masks for the switch Px_CFG registers according to version 9.00.01 of the HMS Switch HDL component.
<b>Bug fix</b>	Old address is defended after DHCP has been enabled	After DHCP was enabled the device would still defend its old address until an address was assigned by a DHCP server.
<b>Bug fix</b>	Fixed bug that limited class3 message payload to 1444 bytes.	Allows EIP Class 1 I/O data over 1444 bytes.
<b>Bug fix</b>	Detailed swap config is no longer duplicated when importing a configuration file several times.	
<b>Minor bug</b>	Large Class 3 data did not work	Fixed bug that limited class3 message payload to 1444 bytes.
<b>New feature</b>	Added support for user comment.	The user can add text in a text field in the top right corner.
<b>New Feature</b>	Add callback function for project specific MAC initialization.	Added callback for project specific MAC initialization.
<b>New Feature</b>	Add support for controlling the auto negotiation abilities of the switch ports.	The autonegotiation abilities can now be changed for products with gbit support.
<b>New Feature</b>	PROFINET legacy mode	Added support for ABX classic GSDML files as 1:1 replacement

<b>New Feature</b>	Upgrade to Angular 15	Updated to use Angular version 15
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# ABC4013 - 2.00.01

Intital release of Ethernet adapter - PROFINET slave gateway, GSDML 2.41

Category	Description	Comment
<b>Bug fix</b>	Reception of invalid formatted LLDP frames could lead to a crash.	Increased stability
<b>Bug fix</b>	Increased stability under extreme interrupt load.	Increased stability
<b>Bug fix</b>	ACD state could be stuck in "Conflict" even after IP address is recovered.	Increased stability
<b>Bug fix</b>	PROFINET settings allows capital letters	Adapted so that the PROFINET station name doesn't allow upper case letters.
<b>New Feature</b>	Put CPU to sleep in NULL task	Lowers the amount of power consumed by the product
<b>New Feature</b>	Added LLDP support	
<b>New Feature</b>	Add MDIO blanking for 5ms after PHY reset	Improved firmware compatibility with future hardware revisions