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Content: This document contains important notes regarding compatibility of NeuroCheck software on Windows 10.

Notes: This document is not part of the official product documentation of the NeuroCheck software.

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1. Introduction

To run certain versions of NeuroCheck software on Windows 10, it is important to check compatibility of device drivers. This document will help you in doing so.

Furthermore we recommend that customers make themselves familiar with Microsoft Windows 10 and its applicability to industrial systems. In contrast to Windows 7, Windows 10 has some unfavorable characteristics, for example with regard to the Microsoft licensing model (Windows as a Service) or Windows Update policy (hints: Windows Update for Business, Long Term Servicing Channel).

2. Compatibility of NeuroCheck software versions

NeuroCheck software version	General support	Installation	Offline operation without devices	Automatic operation with devices
5.1	Officially NOT.	Installation does not work properly. Files must be copied manually.	32-bit: works OK. 64-bit: Not tested.	Not possible
6.0	Officially NOT.	OK	OK	Partially possible. No official tests available.
6.1	OK	OK	OK	Possibly for many devices, but not for all.
6.2	OK	OK	OK	Possibly for many devices, but not for all. See the following section for details.

3. Compatibility of device drivers for NeuroCheck 6.2

Device	Model	State	Comment
NeuroCheck cameras	FWX / NCF (FireWire)	NEIN	
	NCG, NCCG, NCHG, NCLG (GigE)	OK	
Matrix-Vision frame grabber	Hyperion	OK	mvHyperion Device Driver 2.23.0
3D cameras	NC3D MK2	OK	64 bit only
	Ensenso	?	Not tested yet
	Keyence XR-HT	?	Not tested yet
	LMI Gocator	OK	
Hilscher	CIF (Profibus)	NEIN	
	CIFX (Profibus)	OK	cifX Device Driver Version: V1.2.6
	CIFX 50-RE (Industrial Ethernet)	OK	cifX Device Driver Version: V1.2.6
ICP DAS digital I/O	P16R16, PEX-P16POR16i	OK	uniDAQ Device Driver 1.3.9.0
Meilhaus digital I/O	ME5810, ME8200	OK	ME-iDS Device Driver 2.1.1.0
Serial communication	Rs232	OK	
	TCP/IP	OK	

4. Compatibility of plug-ins with 3rd party libraries for NeuroCheck 6.2

Library	Plug-In	State	Comment
Matrox MIL	PI_CodeReader	OK	
	PI_ContourMatch	OK	
Halcon	PI_HalconWrapper	OK	
Optotune Lens Driver	PI_LensFocusControl	OK	

5. Compatibility of Data Format Converters for NeuroCheck 6.2

Data Format Converter	State	Comment
NcFmtCnv.NeuroCheck.DatabaseStandard	OK	