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Hardware – IEEE USB card - Steps to enable NI488 devices

Helpsheet

This Helpsheet describes how to enable legacy NI488 devices on a newly installed Agilent IEEE to USB converter card.

First, install the Agilent software from the driver CD supplied with the USB IEE card. Open the Agilent Connection Expert Program which can be found in the system tray or by following **Start>Programmes>Agilent IO Libraries Suite>Agilent Connection Expert**.



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The welcome screen shown here will then appear. Close it by clicking the close button highlighted.



Select the **USB/GPIB** device shown on the left. Then click the '**Change Properties**' button. In the new window that opens click 'Agilent 488 Properties...'

VISA interface ID:	GPIB0 ·
GPIB address:	21
SICL interface ID:	gpib0
Logical Unit:	7
Auto-discover inst	truments connected to this interface

Agilent GPIB cards 488 programs. Cli enable Agilent GPIB	are disabled for Enable Agilent 4 ck the button to 8 cards.	188
Termination Settings EOS character: Set EOI with the la Set EOI with the EO Terminate read or	it character DS character the EOS character	
✓ 8-bit EOS compar /O timeout: Parallel Poll duration:	e 10sec - Default -	
Bus timing:	500nsec 🔹	
Assert REN when Syst	em Controller	

In the Agilent 488 Properties window that opens click 'Enable Agilent 488'

In the final window that pops up check the box to 'Enable Agilent GPIB cards for 488 Programs'.



Close all the open windows. Your IEEE card should now work correctly with GDS IEEE products.