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NATIONAL INSTRUMENTS PXIe-5646 Vector Signal Transceiver User Guide

Contents

NATIONAL INSTRUMENTS PXIe-5646 Vector Signal Transceiver

Product Information

The PXIe-5646 is a module that is part of the Calibration Executive Version 4.0. It is designed to perform calibration procedures for PXIe-5644, PXIe-5645, and PXIe-5646 modules. The module allows for updating the external calibration date after a successful calibration. It also supports upgrades from previous versions of Calibration Executive.

Known Issues

There is a known intermittent issue where the VST calibration procedure fails to update the external calibration date after a successful calibration. For more information, refer to the NI KnowledgeBase article with the Info Code vstcaldate.

Upgrade and Compatibility Issues

Calibration Executive 4.0 does not support direct upgrades from previous versions. Before installing Calibration Executive 4.0, it is necessary to uninstall any previous versions of Calibration Executive. Additionally, the installation architecture for Calibration Executive database files has changed in version 4.0. If upgrading from a previous version, it is recommended to save a copy of the calibration reports database and configure Calibration Executive 4.0 to retrieve it.

Worldwide Support and Services

For technical support, troubleshooting, and application development self-help resources, visit **ni.com/support**. NI Application Engineers are available for email and phone assistance. NI Factory Installation Services, repairs, extended warranty, and other services can be accessed at **ni.com/services**. To register your NI product, visit **ni.com/register**. Product registration ensures technical support and provides important information updates from NI.

Declaration of Conformity

The Declaration of Conformity (DoC) states compliance with the Council of the European Communities for electromagnetic compatibility (EMC) and product safety. To obtain the DoC for your product, visit **ni.com/certification**. If your product supports calibration, you can obtain the calibration certificate at **ni.com/calibration**.

This document contains important information about Calibration Executive Version 4.0. Refer to the Readme for your specific Calibration Executive product for the latest information about new features, known issues, and installation instructions.

Known Issues

The VST calibration procedure for PXIe-5644, PXIe-5645, and PXIe-5646 modules intermittently fails to update the external calibration date after a successful calibration. For more information, visit **ni.com/info** and enter the Info Code vstcaldate to access the NI KnowledgeBase article, VST Calibration Date Not Updated After Successful Calibration.

Upgrade and Compatibility Issues

Calibration Executive 4.0 does not support direct upgrades from previous versions of Calibration Executive. Before you install Calibration Executive 4.0, you must uninstall any previous versions of Calibration Executive. The installation architecture for Calibration Executive database files (Calibration Reports.mdb and CustomerandStandardsStorage.mdb) has changed in version 4.0. If you are upgrading from a previous version of Calibration Executive, you can save a copy of your calibration reports database, and then configure Calibration Executive 4.0 to retrieve it.

To upgrade to Calibration Executive 4.0:

1. Create a report database backup copy.
   - Refer to the Calibration Reports Database topic in the Calibration Executive Help for steps to save a calibration reports database backup.
2. Uninstall any previous version of Calibration Executive.
3. Install Calibration Executive 4.0.
4. Replace the Calibration Reports.mdb file in the default location with the backup copy created in step 1, or configure database options to specify the path to the backup copy.
   - Refer to Configuring Database Options in the Calibration Executive Help for steps to specify the path to the calibration reports database.

Worldwide Support and Services

The NI website is your complete resource for technical support. At **ni.com/support** you have access to everything from troubleshooting and application development self-help resources to email and phone assistance from NI Application Engineers. Visit **ni.com/services** for NI Factory Installation Services, repairs, extended warranty, and other services.

Visit **ni.com/register** to register your NI product. Product registration facilitates technical support and ensures that you receive important information updates from NI. A Declaration of Conformity (DoC) is our claim of compliance with the Council of the European Communities using the manufacturer's declaration of conformity. This system affords the user protection for electromagnetic compatibility (EMC) and product safety. You can obtain the DoC for your product by visiting **ni.com/certification**. If your product supports calibration, you can obtain the calibration certificate for your product at **ni.com/calibration**.

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Documents / Resources

	NATIONAL INSTRUMENTS PXIe-5646 Vector Signal Transceiver [pdf] User Guide PXIe-5646, PXIe-5646 Vector Signal Transceiver, Vector Signal Transceiver, Signal Transceiver, Transceiver

References

- **Calibration Services - NI**
- **Product Certifications - NI**
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