



# PC-DMIS Blade 6.1

## - Release Notes -



HEXAGON  
MANUFACTURING INTELLIGENCE

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QUALITY DRIVES PRODUCTIVITY

PC-DMIS Blade 6.1.1 (x64)  
Aug 13 2024

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# Release Notes

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## What's New

- PC-DMIS Blade now supports a floating license.
- You can now send measurement results to the Q-DAS Configurator for statistical analysis.
- You can now see that the SQUARE + TIPARC method for leading edge and trailing edge thickness measurements now provides consistent results. PC-DMIS Blade now uses a nominal flat edge surface normal and selected best fit to orient the nominal flat edge relative to the measured curve. Also, the OFFSETFLAT method now uses the nominal flat edge surface normal combined with the selected best fit.

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## What's Fixed

- You no longer get a looping leading edge when you use probe compensation. See BRK-1106.
- You now get correct results when you use Concave-only and Convex-only best fit. See BRK-1053.
- You can now see that the “Fit to middle of tolerance zone” feature works correctly for all blade sections. See BRK-1131.



# Information about this Release

We at Hexagon Manufacturing Intelligence are proud to bring you PC-DMIS Blade 6.1.

The testing of this version has been significant. We'd like to take a moment to discuss this process and also make you aware of the various components of testing.

The testing of this version has been significant. We'd like to take a moment to discuss this process and also make you aware of the various components of testing.

Testing consists of the functional test and the integration test:

- The vast majority of the test effort occurs in the functional area. This test determines that specific functions that are core to the software, regardless of what type of machine is used, work correctly.
- The integration test is a test of the interface with a particular type of machine.

In the ideal scenario, Hexagon Manufacturing Intelligence would have access to at least one of every piece of hardware running the software that is operating in the field. However, in practical terms, this is impossible. This integration test plan is then performed on as many types of machines as we have available.

Should you experience problems with your system after you install PC-DMIS Blade 6.1, it could be an integration problem. If it is a problem of this nature, it will probably be evident immediately upon first use of the possibly untested configuration. To report any integration problems, see "Contact Hexagon Manufacturing Intelligence". Should such a problem materialize on a commercial release, you will be given the highest priority to correct these problems.

For existing users of the software who currently have earlier versions of the software installed, it is advised that you install PC-DMIS Blade 6.1 into a new directory. In this way, you can be assured of continuous use of the existing version should problems arise with this newer version.



# Recommended System Requirements

## Operating System

PC-DMIS Blade 6.1 operates under 64-bit Windows 10.

## PC-DMIS

PC-DMIS Blade 6.1 operates with PC-DMIS version 3.7 and newer.

## Browser

Microsoft Edge



# Installing the Software

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## Installing the Software

To install the application, follow these steps:

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### Step 1: Check System and Hardware Requirements

Before you attempt to install a new version, ensure that you meet the system and hardware requirements discussed in "Recommended System Requirements". You must also have a USB portlock or a valid software license for the installation to work. Your IT specialist can help you with this information.

- To get your computer's properties, highlight the **My Computer** icon, right-click on it, and select **Properties**.
  - To check the display properties for the graphics card, select **Start | Settings | Control Panel**, and then select **Display and Settings**.
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### Step 2: Log on as an Administrator

To install and run your new version for the first time, you must be logged on as a user with administrator privileges.

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### Step 3: Back Up Existing Settings

Back up your settings from your previous version. By default, the software attempts to migrate existing settings from previous installations on the same computer, even from old versions of the software where settings were stored in the brun.ini file.

If your current version uses the brun.ini file for its settings, back up your brun.ini file. This file is found in the PC-DMIS Blade 6.1 directory. Save a copy of the file in a safe place.

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## Step 4: Install the Software

The following steps run you through a typical installation. Your installation screens may differ if you are running a different version of PC-DMIS Blade 6.1. In addition, your license may be configured with different options.

If you are using a physical USB portlock, ensure that it is programmed with the Blade option enabled; this is required to run PC-DMIS Blade 6.1. Connect the portlock to your computer.


1. Locate the installation file on your installation media; or, if you downloaded it, open the directory containing the downloaded file. The installation file looks like this:

Blade\_6.1.##.#\_x64.exe

The # symbols represent the specific version and build numbers.

2. Double-click this executable file to open the installation program.
3. If a security warning appears, click **Run**.
4. From the initial license screen, read the license agreement, and select the **I agree with the License terms and conditions** check box.
5. In the box at the bottom, you can define the installation folder. By default, the software installs to:

C:\Program Files\Hexagon\PC-DMIS Blade 6.1 64-bit

To change the folder, either click on the browse button  and choose a folder, or in the box, type a new path.

6. Once you accept the license agreement and choose the installation folder, click **Next** to open the licensing screen.
7. From the licensing screen, choose your license type:
  - **Hexagon Unified License** - If you have Hexagon Unified License, select this option.
  - **LMS License Server** - If you have a license server to connect to, select this option and then type the server address.
  - **HASP** - If you have a portlock (a physical USB device with the licensed options), ensure that it is connected to your computer, and then select this option.
8. Click **Install**. A progress bar shows the overall progress.
9. When the installation finishes, a screen shows any warnings or errors. It also contains these options:
  - **Launch PC-DMIS Blade 6.1 64-bit** - To launch PC-DMIS Blade 6.1 now, select this check box.
  - **Show Release Notes** - To display a .pdf that shows what is new or has changed in this release once you click **Close**, select this check box.
10. Click **Close** to close the installation program.

## Administrator Privileges Explained

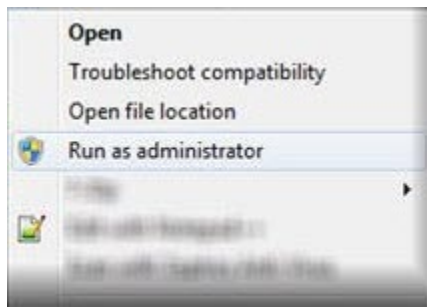
The PC-DMIS Blade 6.1 installer has a flag built into the setup executable file (setup.exe) that requires the setup process to run with administrator privileges. If the current user has lesser privileges, the setup displays a prompt to provide a user name and password of an account with administrator privileges.

Once the installation finishes, the first time you run PC-DMIS Blade 6.1, you must launch it with administrator privileges.

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## Step 5: Launch the Software for the First Time

1. When you run PC-DMIS Blade 6.1 for the first time, select **Start, All Programs**, and then **PC-DMIS Blade 6.1**.
2. Right-click on the **PC-DMIS Blade** icon, and then select the **Run as administrator** option (required only if the **Launch PC-DMIS Blade 6.1** check box wasn't selected at the end of the installation).



Run as administrator option

### Subsequent Startups

For subsequent startups, double-click the **PC-DMIS Blade** icon to launch PC-DMIS Blade 6.1.

# Updating the Software

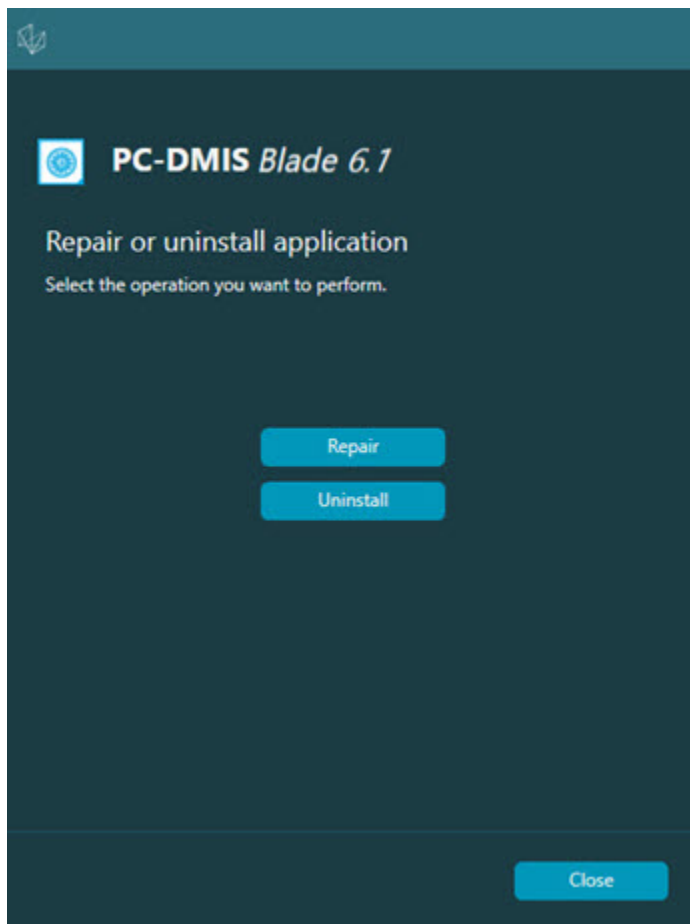
To update the software, download the latest update and then double-click the Blade\_6.1.##.#\_x64.exe file as if you were beginning the installation process.





# Repairing or Removing an Installation

You can also repair or remove an installation as needed once you install it. To do this, double-click the Blade\_6.1.###.#\_x64.exe file as if you were beginning the installation process. The setup displays a screen with these options:



## Repair or uninstall installation screen

- **Repair** - This option reinstalls all of the product files as they were originally installed. This option may help resolve issues where an installation didn't properly install all of the files.

- **Uninstall** - This option removes the application from where you installed it. You can also use the **Programs and Features** control panel item in Control Panel to uninstall the application.

# Running the Software in Another Language

The initial installation setup file for PC-DMIS Blade 6.1 contains the user-interface files for all of the supported languages. When you install PC-DMIS Blade 6.1, it installs the language files based on your operating system's language.

To run PC-DMIS Blade 6.1 in a language other than the operating system's language, select **File | Languages**, and then click the desired language. PC-DMIS Blade 6.1 immediately closes and then reopens in the selected language.



# Troubleshooting

For information about troubleshooting error messages and file, printing, and other issues, refer to the PC-DMIS Blade 6.1 documentation.



# Contact Hexagon Manufacturing Intelligence

If you are participating in the *technical preview* of PC-DMIS Blade 6.1, please post your feedback in the appropriate technical preview forum located at <https://nexus.hexagon.com/community/public/pc-dmis/>. Please do not contact Hexagon Technical Support for technical previews.

If you are using the *commercially released version* of PC-DMIS Blade 6.1 and would like further information or technical support, please contact [hexagon.com/company/contact-us](https://hexagon.com/company/contact-us) or visit [hexagon.com/products/product-groups/manufacturing-intelligence](https://hexagon.com/products/product-groups/manufacturing-intelligence). You can also reach Hexagon Technical Support by calling (1) (800) 343-7933.