

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1**

**ProX 500**

### Introduction

The target audiences for this document are:

1. Beta users who are already running Sinter software **v6.1.5** and need to update to latest **v6.1.9**,

Below is the list of files you need for upgrade.

- Sinter Deployer V6.1.9
- sic30dsp\_Unlocking.zip
- MaterialConfigs\_v6.1.1

[Click here](#) to proceed.

2. Beta users who are already running Sinter software **v6.1.9** as part of Beta testing.

Below is the list of files you need for upgrade.

- MaterialConfigs\_v6.1.1

[Click here](#) to proceed.

Beta users, please **download the installer and documentation** from below Team Platform page:

<https://3dsystems.teamplatform.com/pages/155116?t=qdv7j1ntcw34>

**NOTE: Password of this download page is [ProXv6.1.9](#)**

### 3D Systems Production Printer Support

#### 3D Systems Production Printer Support:

**North America:** +1 (800) 793-3669

**Europe:** +49-6151-357357

**Japan:** +81 3 5712 5131

**Asia Pacific:** +852 2923 5077

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

### Upgrading from Sinter Software v6.1.5 to v6.1.9

Latest 6.1.9 software release package consists of:

- SinterDeployer v6.1.9, which is made up of:
  - Build Setup v6.1.7
  - Sinter v6.1.9
  - Real Monitor v6.1.4
  - Log Manager v6.1.4
  - MFC Servo v6.1.9
  - SinterDiag v6.1.9
  - Material Configuration files v6.1.0
- New unlocking DSP files to support advance diagnostics and logging
- MaterialConfigs\_v6.1.1 (HST SP and HP Only)

**NOTE 1: 6.1.9 software release has advance DSP & Scanner diagnostic functionality. With this new feature, issues related to scanner motor & DSP module is reported in log files. In case of issues, please contact 3D Systems with all information requested on page <https://3dsystems.teamplatform.com/pages/154307?t=af2p8ovwtqb8>**

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

1. Close all running sinter applications and run "KillSinter.exe".
2. Go to "Program and Features" and uninstall **SinterDeploy** version 6.1.5.
3. Download **ProXSL500\_SoftwareV6.1.9.zip** and **sic30dsp\_Unlocking.zip** from Team Platform link listed on page number 1. Copy zips to a USB storage device.
4. Connect USB storage device to the Printer USB port.  
**NOTE 2: It is recommended to use direct PC USB port located on the side of the machine for software installation instead of front panel USB port.**
5. Extract **sic30dsp\_Unlocking.zip** and paste extracted files to replace existing files in "C:\sic30dsp" folder. (Figure 1)

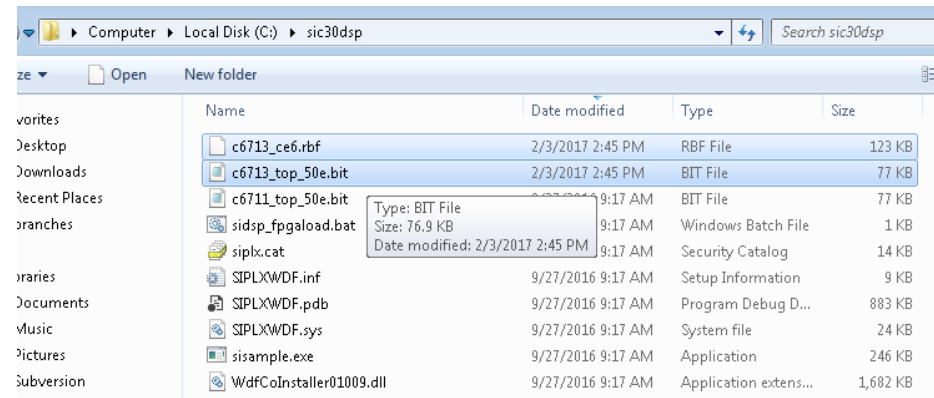


Figure 1

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

6. Extract all files from **ProXSL500\_SoftwareV6.1.9.zip** and you should be able to see two directories.(Figure 2)

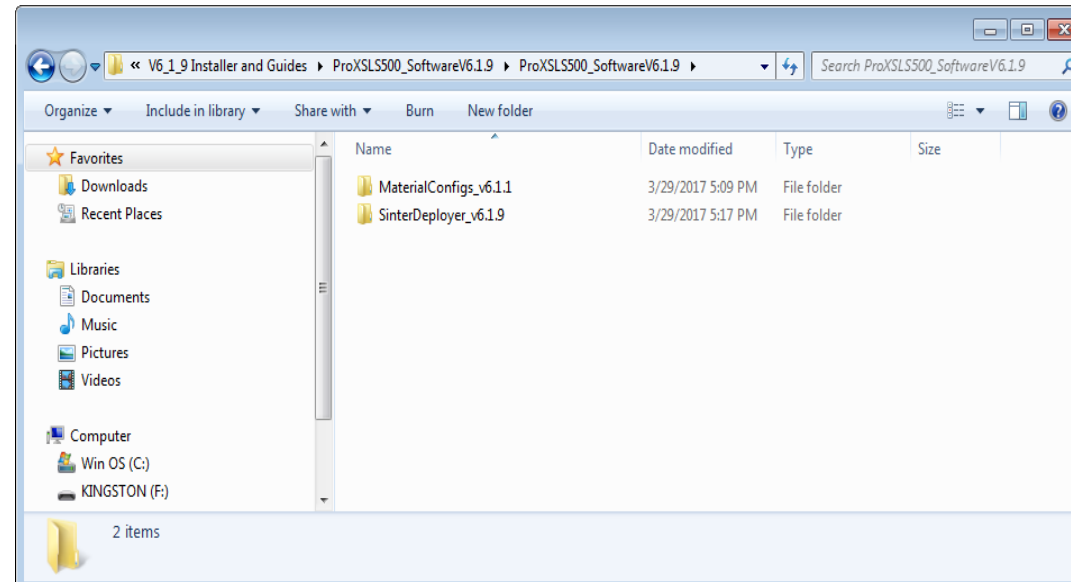


Figure 2

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

7. Run SinterDeploy.msi from “SinterDeployer\_v6.1.9” directory (Figure 3).

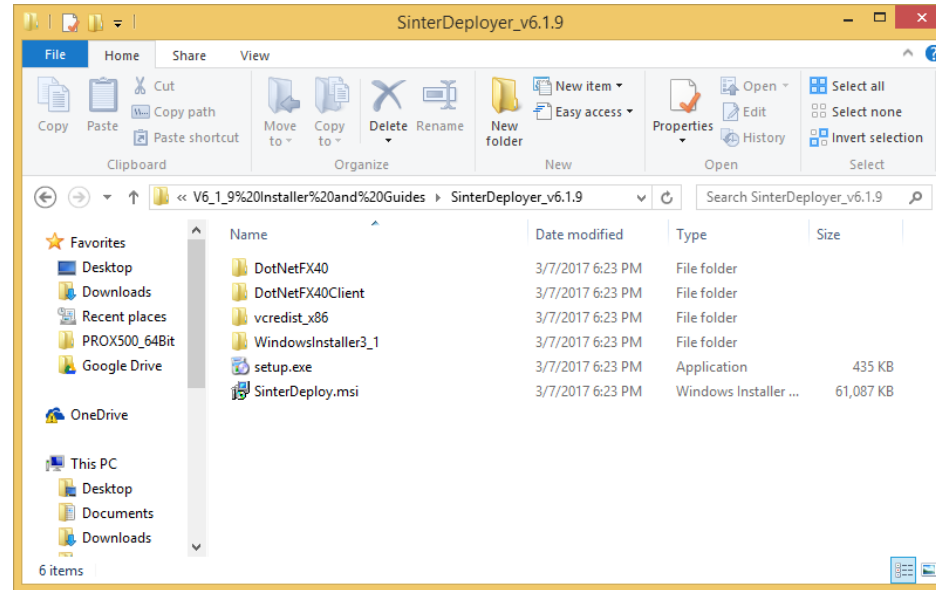


Figure 3

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

8. Following dialog box will appear (Figure 4).
  - Choose "ProX SLS 500" option when installing software on ProX SLS 500 machine.

This will install files under "C:\dtm" folder.

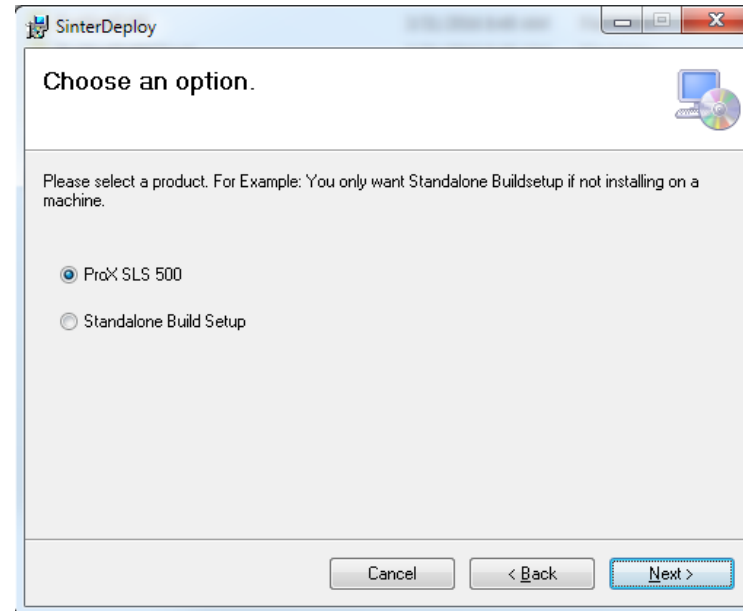


Figure 4

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

9. After installation is complete, open “Control Panel” >> “Programs and Features” and verify that the installed **SinterDeploy** has correct version – **6.1.9** (Figure 5).

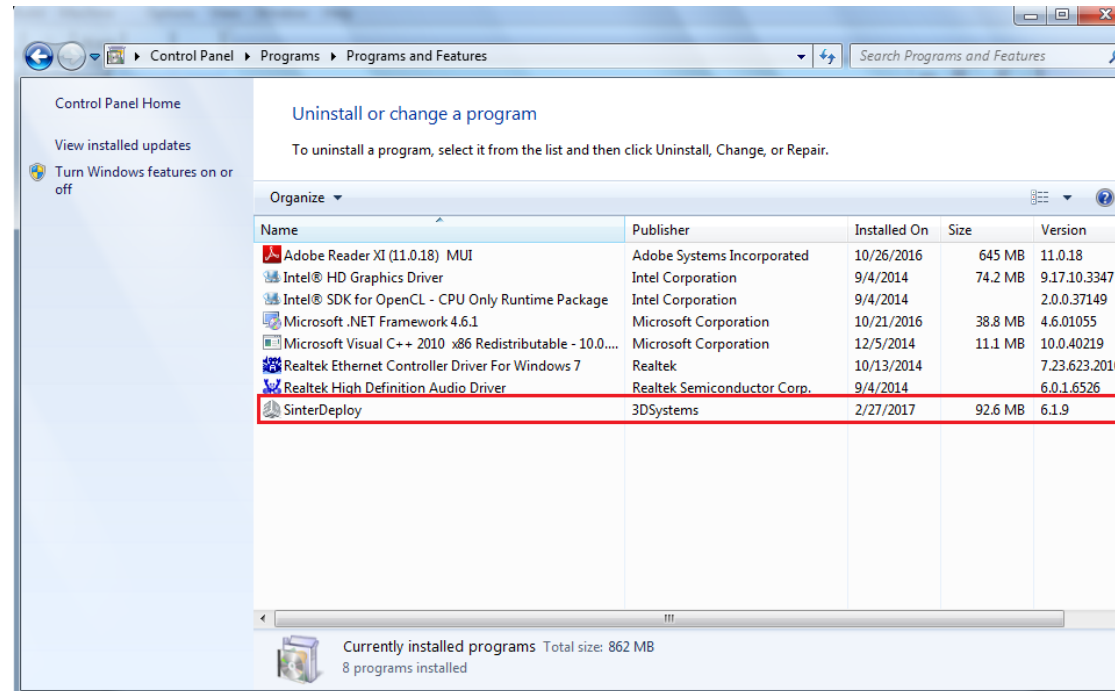


Figure 5

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

10. After verification is successful, manually copy and replace following two material configuration files from **MaterialConfigs\_v6.1.1** directory into "C:\dtm\config\material":

- ProX\_SLS\_500\_DuraFormProX-HST\_SP.cfg
- ProX\_SLS\_500\_DuraFormProX-HST\_HP.cfg

**Note 3: These two material configuration files have version 6.1.1. Rest all material configuration files are version 6.1.0.**

11. Launch Build Setup and in the main menu, select "File" >> "Change Material". You should be able to see the following material configuration list. (Figure 6).

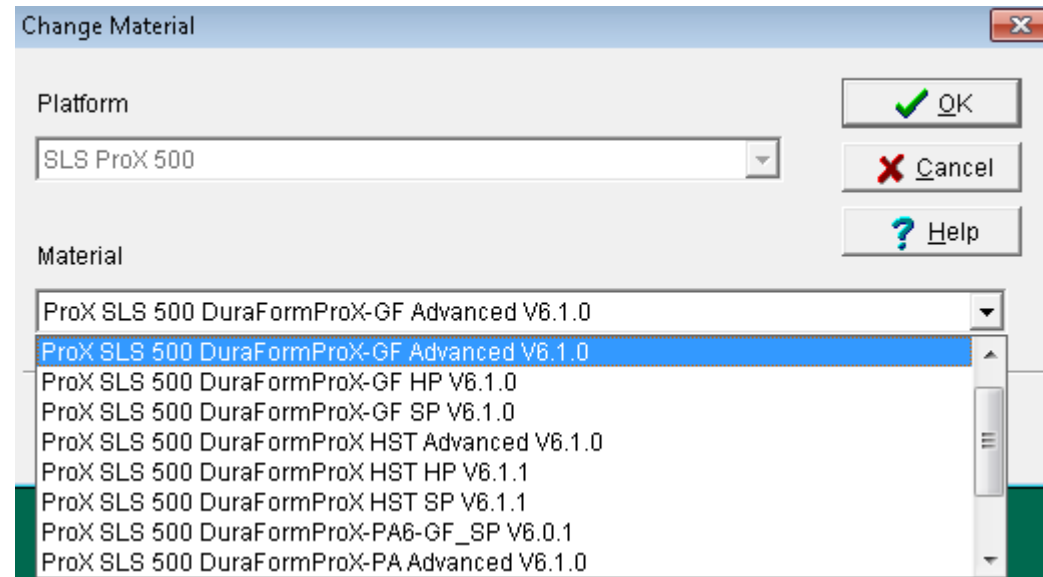


Figure 6



# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

12. Before launching Sinter application, Set material in Build Setup (File >> Change Material...) (Figure 7).

In below screenshot, BuildSetup is configured to use DuraFormProX-GF material in HP mode.

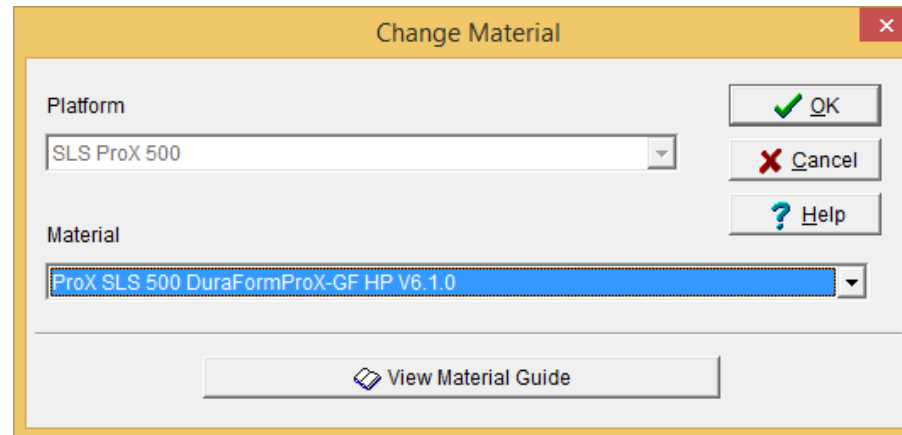


Figure 7

# What's new in Sinter Software version 6.1

## Customer Information Bulletin

Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

13. Close Build Setup after selecting the material, for Sinter Application to see the Build Setup material as default.
14. On launching Sinter, verify Scanner Motor initialization completed successfully. Check the FPGA bit file rev: **20317(unlocking)** as displayed below in Figure 8.

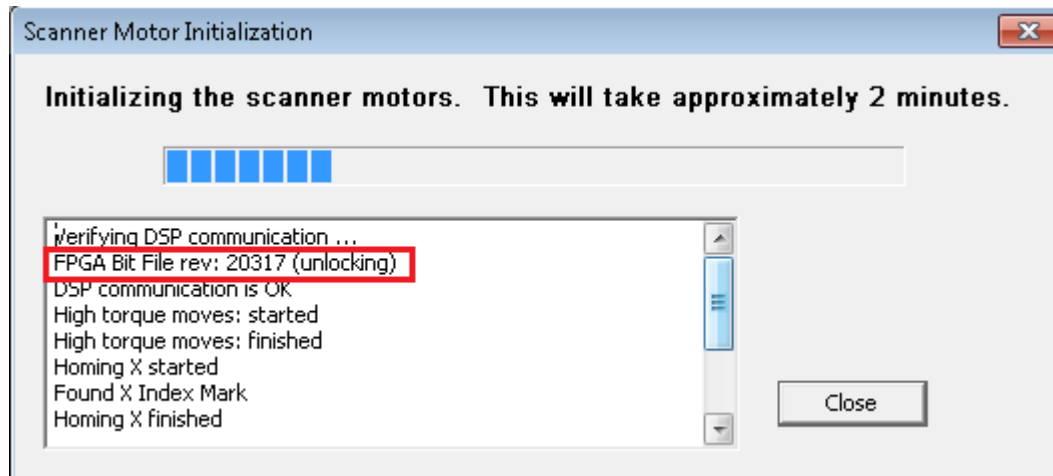
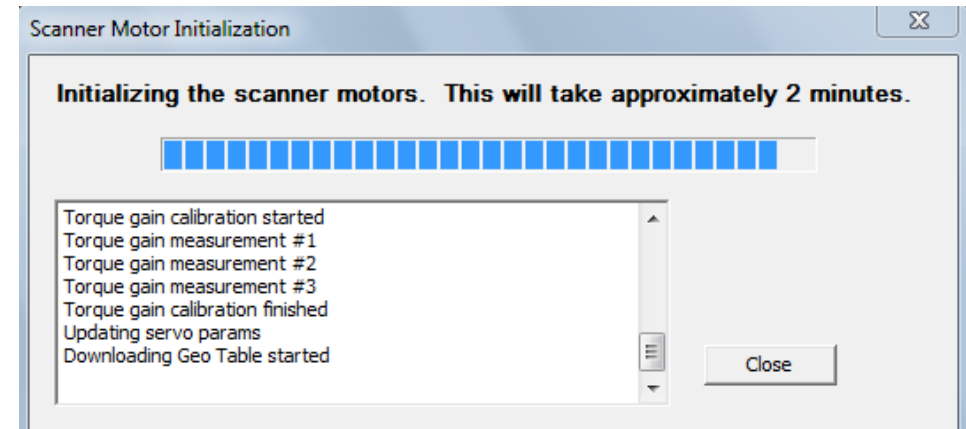


Figure 8



# What's new in Sinter Software version 6.1

## Customer Information Bulletin

Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

15. If there is a material mismatch error at first launch of Sinter application, follow below steps to “sync” material.

- a. After Sinter starts running, go to “Machine” menu and select “Material Tracking.” (Figure 9).

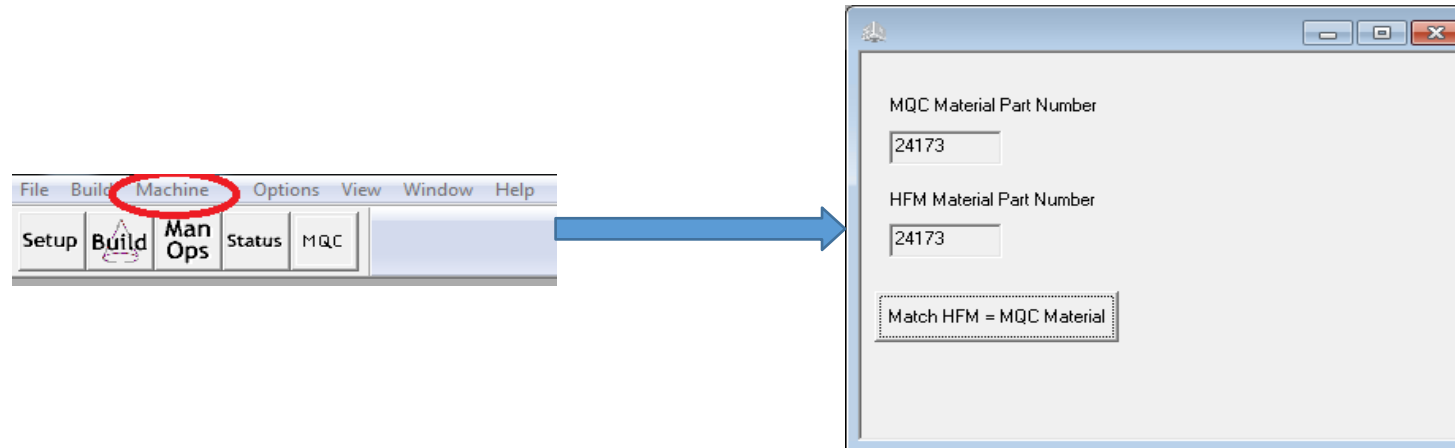


Figure 9

- b. Click on “Match HFM = MQC Material” button.  
**This should display a success message.**

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.5 to v6.1.9**

**ProX 500**

- c. In case an unsuccessful message is displayed, please follow below steps:
  - a. Exit Sinter by running "Kill Sinter"
  - b. Go to "C:\dtm\config\machine" directory
  - c. Rename "machine.ovrl" file to "machine.old-ovrl"
  - d. Restart Sinter and go through material "sync" sequence again.

16. Select default material and perform offline IR sensor calibration.

**If you were upgrading Sinter software v6.1.5 to v6.1.9, then you should be running fine now after completing above steps Thank you!**

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

Purpose: Instructions for upgrading Sinter software v6.1.9 to latest

ProX 500

### Update to latest material configuration files

1. Go to “Program and Features” and verify if **SinterDeploy** version is 6.1.9.(Figure 10)

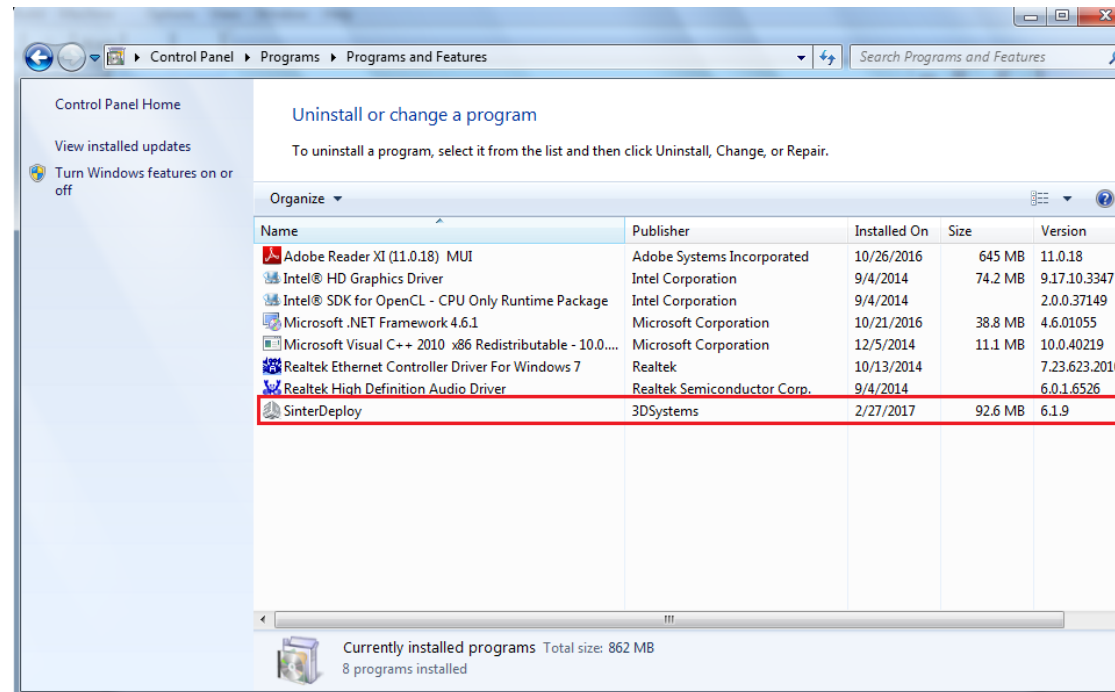


Figure 1

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.9 to latest**

**ProX 500**

2. Download **ProXSL500\_SoftwareV6.1.9.zip** from Team Platform link shared on page number 1. Copy zip to a USB storage device.
3. Extract all files from **ProXSL500\_SoftwareV6.1.9.zip** and you should see two directories.(Figure 11)

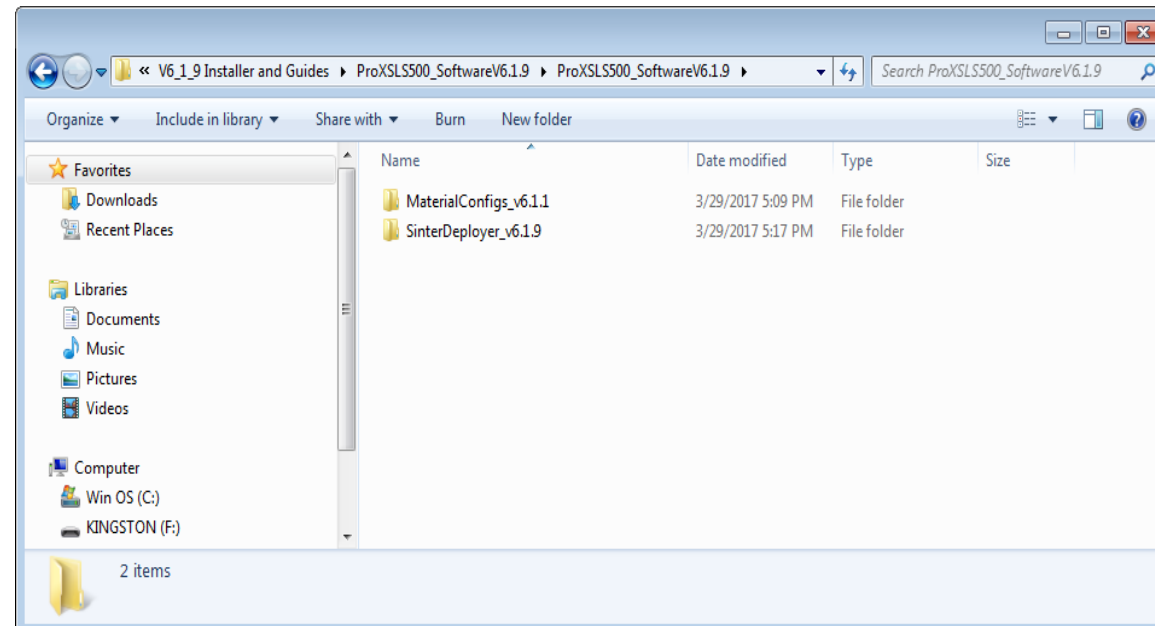


Figure 2

# What's new in Sinter Software version 6.1

## Customer Information Bulletin



Advisory

Upgrade / Repair / Retrofit

Safety Alert

**Purpose: Instructions for upgrading Sinter software v6.1.9 to latest**

**ProX 500**

4. Manually copy and replace following two material configuration files from **MaterialConfigs\_v6.1.1** directory into “C:\dtm\config\material” directory:
- ProX\_SLS\_500\_DuraFormProX-HST\_SP.cfg
  - ProX\_SLS\_500\_DuraFormProX-HST\_HP.cfg

**Note 4: After 6.1.1 (the rest of the material configuration files are version 6.1.0)**

5. Launch Build Setup and in the main menu, select “File” >> “Change Material”. You should be able to see the following material configuration list. (Figure 12).

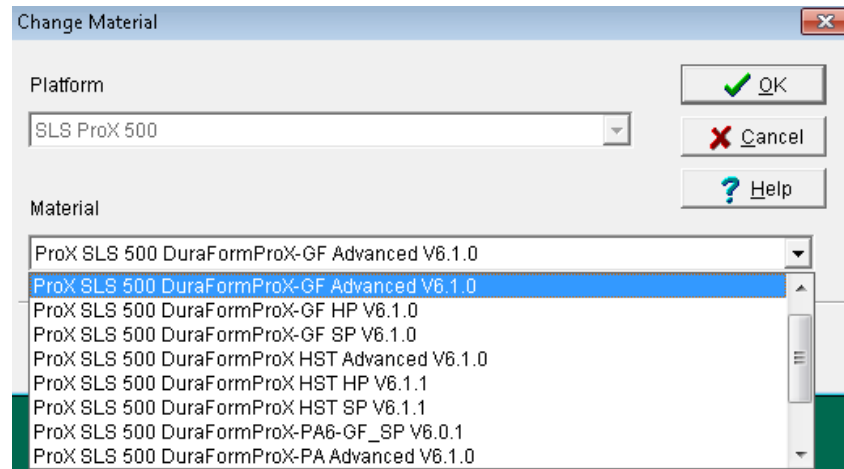


Figure 12