

Activate MALDI Biotyper Project Export Setup for Searching MicrobeNet MALDI TOF Library

(Support uploading MALDI Biotyper projects for an external second identification)

Please contact Support.MicrobeNet.MBT@bruker.com for any questions regarding this document

Purpose

This document describes how the MALDI Biotyper can be configured in a way to automatically create XML file representations of any completed Bruker MBT identification **project** (also called a **run**). Such XML files can then be uploaded to the MicrobeNet server via the internet (<https://microbenet.cdc.gov/>) to gain secondary identification results against CDC developed libraries.

Approach

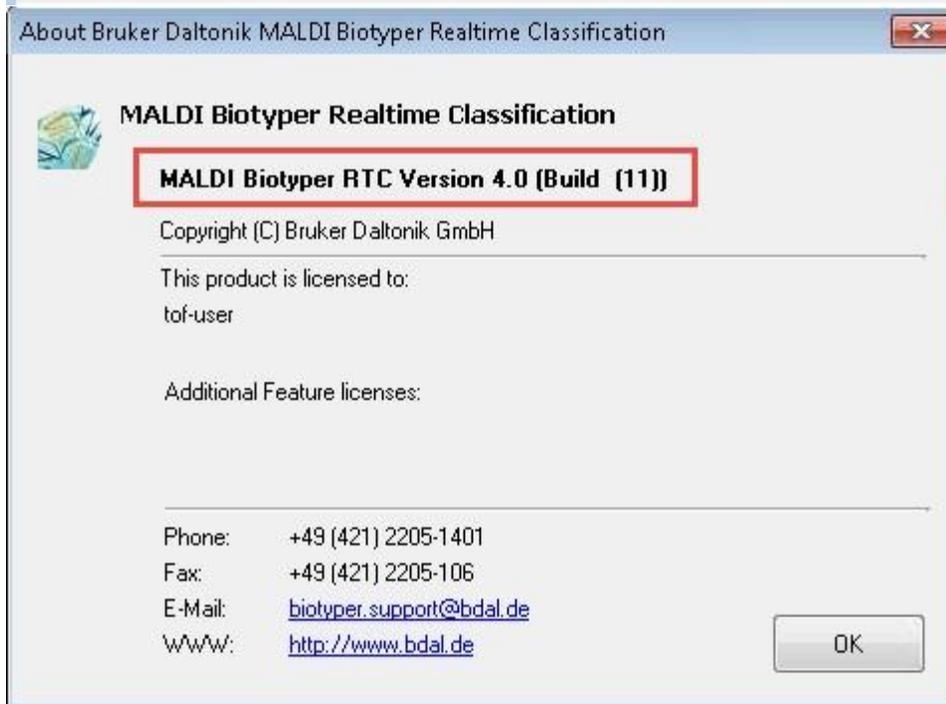
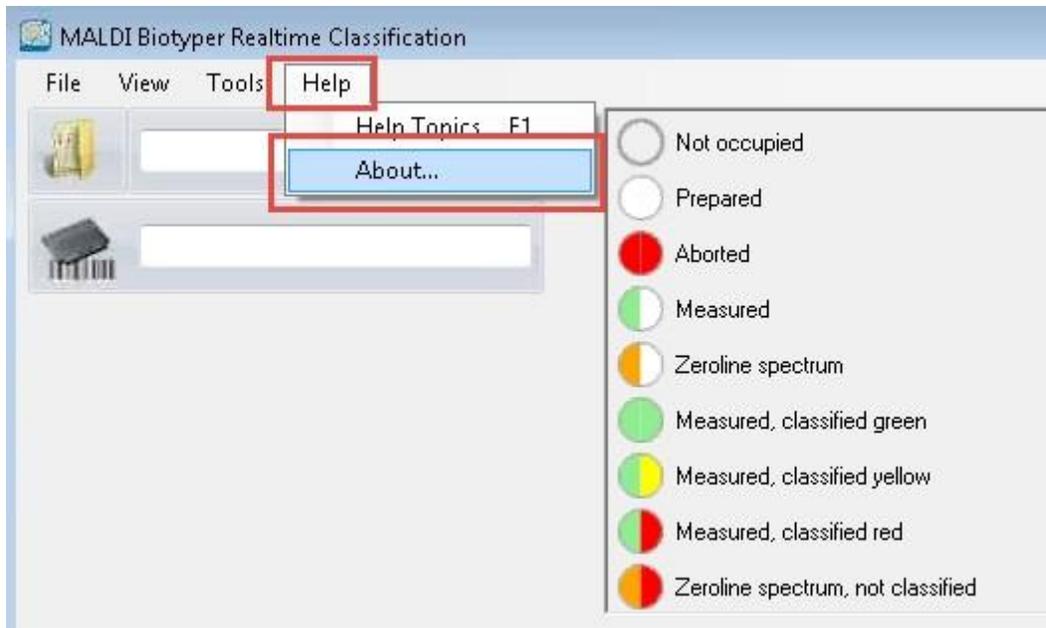
A specific LIMS export configuration is added which automatically creates the desired XML project file in a predefined local folder.

Installation

The described LIMS integration is installed by a dedicated setup file. For older MBT versions an appropriate software patch needs to be applied. The minimum software version is 3.1. Previous versions are not supported. Also, the MBT-CA 3.2 software (the FDA cleared version) is not supported.

MALDI Biotyper Version	Install MBT Patch (Link-1)	Install Project Export Setup (Link-2)
MBT-3.1	Yes	Yes
MBT-4.0	No	Yes
MBT-Compass	No	Yes

Step 1: Identify which version of the MBT Software is installed on the MALDI PC. To do this, open up the MALDI Biotyper software then click “Help” and “About”. If the version is 3.1 then the Patch in Link-1 will need to be downloaded and installed as well as Link-2. If the version is 4.0 or greater then only the Link2 Package needs to be downloaded and installed.



Step 2: Download the appropriate patches by accessing the links below from MicrobeNet here:
<https://microbenet.cdc.gov/BrukerPatches>

Link 1:

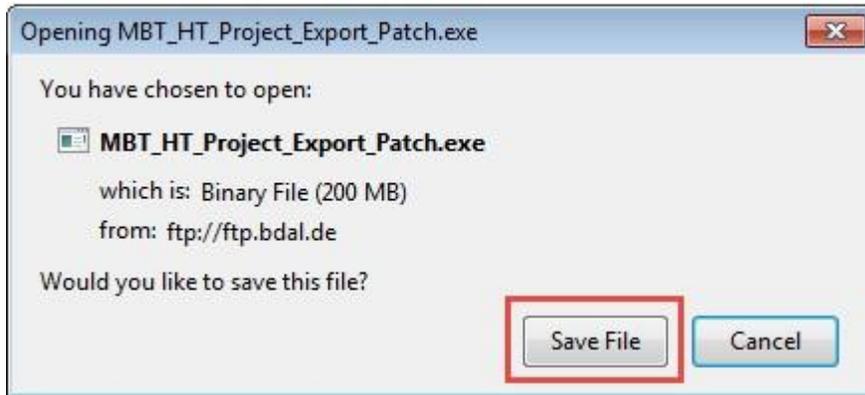
MBT_HT_Project_Export_Patch.exe

Size of package is ~200 MB – unpack the self-extracting archive using the password **Bruker-2016**

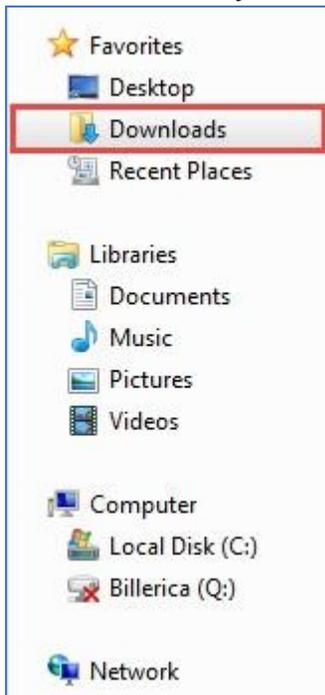
Link-2:

MBT_HT_Project_Export_Setup.exe

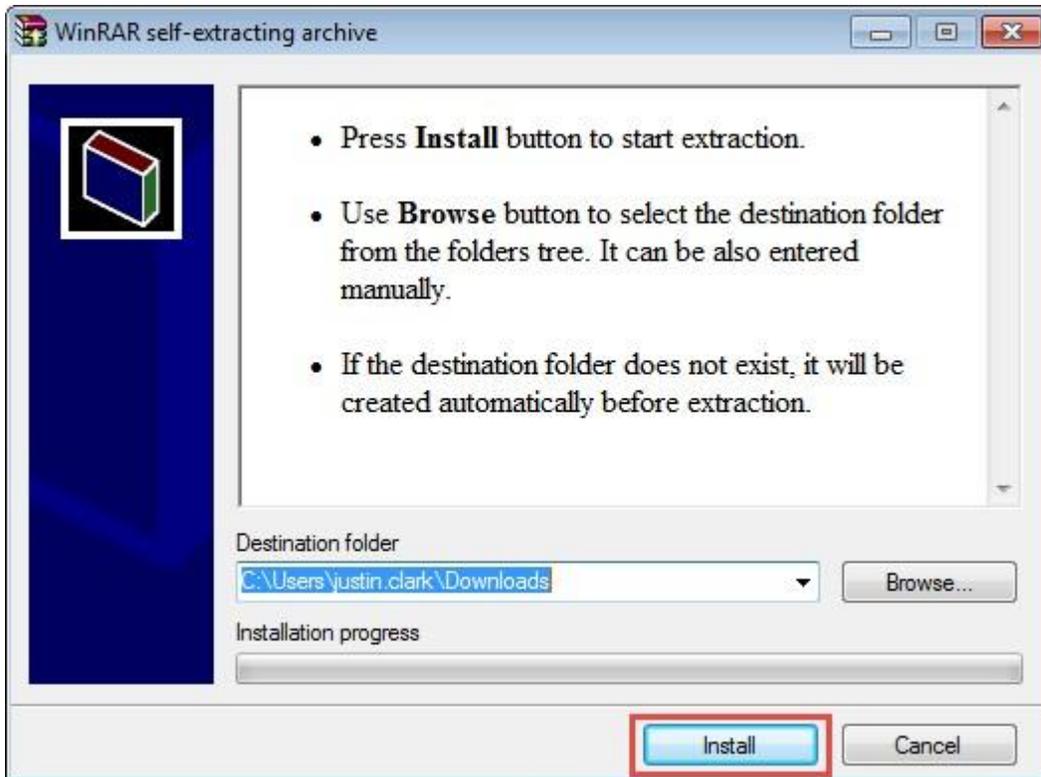
Size of package is ~200 KB – unpack the self-extracting archive using the password **Bruker-2016**



NOTE: Downloaded files are normally found in the following location:

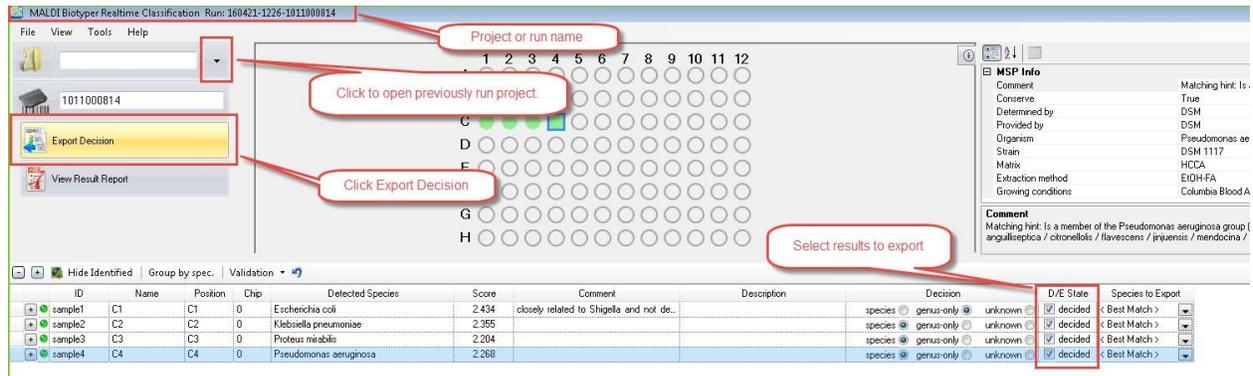


Step 3: Double click on the appropriate package once the download is complete. Because these packages are encrypted the encryption key needs to be entered so the contents of the package can be extracted.



Step 4: Once the contents of the package are extracted you should see the executable files. Double click on these to install them. Follow the steps in the Wizard to complete the installation.

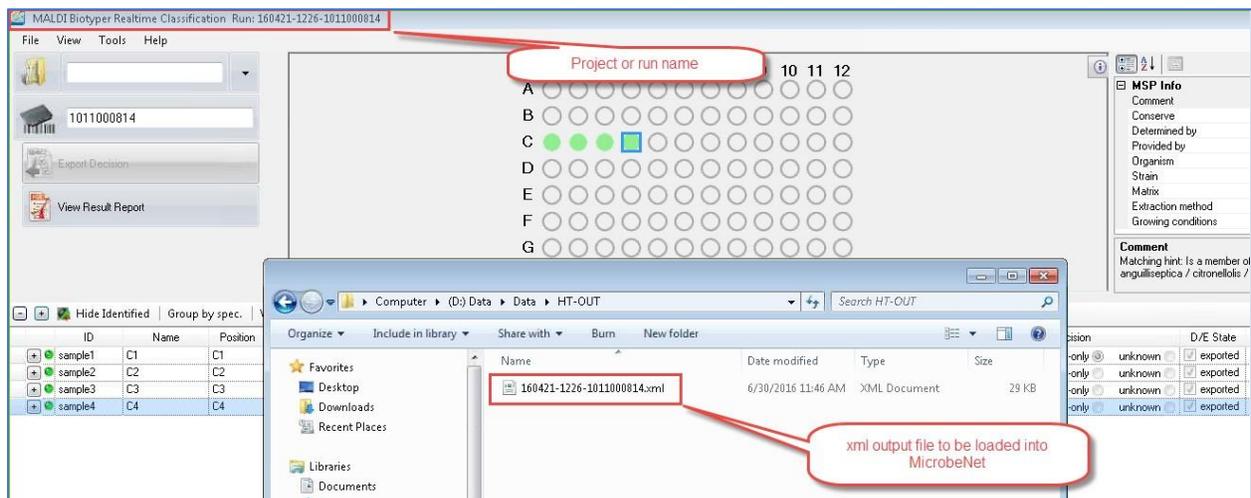
Step 5: Open MBT RTC (3.1/ 4.0) or MBT Compass. Then open a previously run Project and select the results to be exported by clicking on the “decided” check boxes.



Click the export icon in the MBT software and then navigate through windows explorer to the following folder: D:\Data\HT-OUT. There should now be a .xml file that has the currently selected Project in the file name.

Verification

After successful installation of the *Project Export Setup* an XML file **<projectname>.xml** is created for each project in the folder **D:\Data\HT-OUT**. Such XML files may be uploaded to a remote MBT identification service.



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