



thermo**scientific**

Release Notes

Chromeleon 7 Chromatography Data System

Hotfix 142001 for Chromeleon 7.2.10-MUa • Sept. 2020

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1 Introduction

This document describes the installation and compatibility of **Hotfix 142001 for Chromeleon 7.2.10-MUa**, which resolves an issue which can cause Chromeleon to report an 'Out of Memory' error when creating reports with very large MS sequences.

2 Resolved Issues

| ID | Description |
|---------------|--|
| 142001 | Reporting: With very large MS sequences, generating reports or PDF files (especially when library searching was included) could result in an “system out of memory” exception error. |

3 Installation

3.1 Compatibility

Hotfix 142001 for Chromeleon 7.2.10-MUa is compatible with Chromeleon 7.2.10 MUa only. Support is included for installations on both PCs and 247 Instrument Controllers (running Win 10).

3.2 Installation Instructions for PCs and Servers

This section describes the process for installing this hotfix on a **Chromeleon Domain Controller, Chromeleon Data Vault Server, Chromeleon Client, Chromeleon IPC or Chromeleon Workstation**. Refer to section 3.3 for installation of this hotfix on a **Thermo Scientific 247 Instrument Controller**.

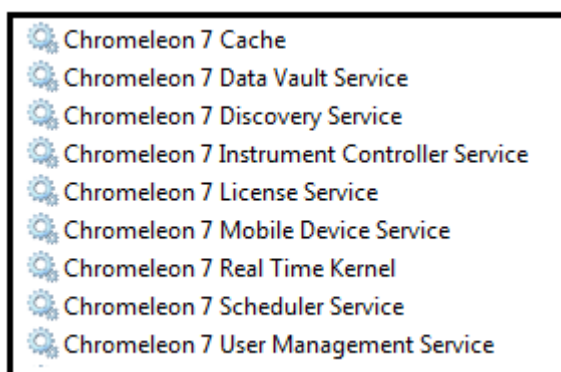
3.2.1 Prerequisites

Prior to installation, make sure you have the following:

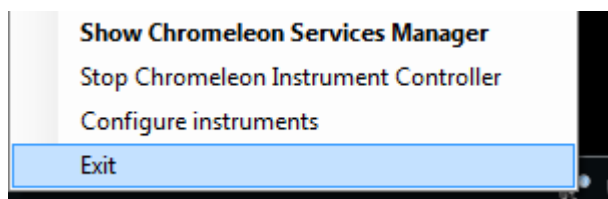
- Chromeleon 7.2.10 MUa installed
- Local administrative privileges
- Hotfix 142001 for Chromeleon 7.2.10-MUa.zip

3.2.2 Installation Instructions

1. Ensure that Chromeleon is closed.
2. Open Services.msc and stop all the following Chromeleon services



3. Right click on the Charlie icon in the task tray and select **Exit**



4. Create a folder on the Windows Desktop and unzip the contents of **Hotfix 142001 for Chromeleon 7.2.10-MUa.zip** into that folder.
5. Copy the following files from the desktop folder into C:\Program Files (x86)\Thermo\Chromeleon\bin, overwriting the existing files:
 - Dionex.Batch.Reporting.dll
 - Dionex.Report.Categories.dll
6. If you are installing the hotfix on a Windows 10 based computer, right click on the file **UnblockHotfix.bat** and select **Run as Administrator**.
(If you are installing on a TDS with Win10 firmware, this is not necessary)
7. Restart the PC.

3.2.3 Verification

1. Perform a Chromeleon Station IQ:
(Start Menu) > All Programs > Thermo Chromeleon 7 > Station IQ > Station IQ
2. The report will show 2 Errors and no Warnings for the replaced files. Please verify that the 'actual' fingerprints match the values below:

🔗 C:\Program Files (x86)\Thermo\Chromeleon\bin\Dionex.Batch.Reporting.dll: The expected value of 'Fingerprint' is 'A10EFBB49632A42F' but actually is 'FCBB715E94AAEC30'.

🔗 C:\Program Files (x86)\Thermo\Chromeleon\bin\Dionex.Report.Categories.dll: The expected value of 'Fingerprint' is 'FAACA9EB2469D66F' but actually is '597484E264E98914'.

3.3 Installation Instructions for Thermo Scientific 247 Instrument Controller

This section describes the process for installing this hotfix on a **Thermo Scientific 247 Instrument Controller** running Windows 10 firmware. For installation instructions for a **Chromeleon Domain Controller, Chromeleon Data Vault Server, Chromeleon Client, Chromeleon IPC or Chromeleon Workstation** refer to section 3.2.

3.3.1 Windows 10 firmware (TDS5.50)

The security model of the Windows 10 firmware prevents unauthorised software installation on the 247 Instrument Controller. In order to install this hotfix onto a Windows 10 247 Instrument Controller, a catalog (.cat) file is required.

3.3.1.1 Prerequisites for Win10 247 IC

Prior to installation, make sure you have the following:

- Windows 10 firmware TDS 5.50 with Chromeleon 7.2.10 MUa installed
- Local administrative privileges
- Hotfix 142001 for Chromeleon 7.2.10-MUa.zip
- Hotfix 142001 for Chromeleon 7.2.10-MUa.cat

3.3.1.2 Hotfix Installation for Win10 247 IC

The following steps can be performed remotely using Windows Remote Desktop, or directly on the 247 IC by connecting a monitor, mouse and keyboard. If using Remote Desktop, you will need to reconnect the Remote Desktop session to the 247 IC following each reboot.

1. Ensure the prerequisites have been met.
2. Log into the 247 Instrument Controller using an account with local Administrator privileges.
3. Browse to the catalog folder **C:\Windows\System32\catroot\{F750E6C3-38EE-11D1-85E5-00C04FC295EE}**.
4. Copy **Hotfix 142001 for Chromeleon 7.2.10-MUa.cat** to the C:\Windows\System32\catroot\{F750....} folder.
5. Follow steps 1 to 7 in section 3.2.2 above to install the hotfix files.

3.3.1.3 Verification for Win10 247 IC

1. Log into the 247 Instrument Controller.
2. Perform a Chromeleon Station IQ:
(Start Menu) > All Programs > Thermo Chromeleon 7 > Station IQ > Station IQ
3. The report will show 2 Errors for the files replaced by this hotfix. Confirm in the IQ Report that the 'actual' fingerprints are consistent with the information provided in Section 3.2.3.

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