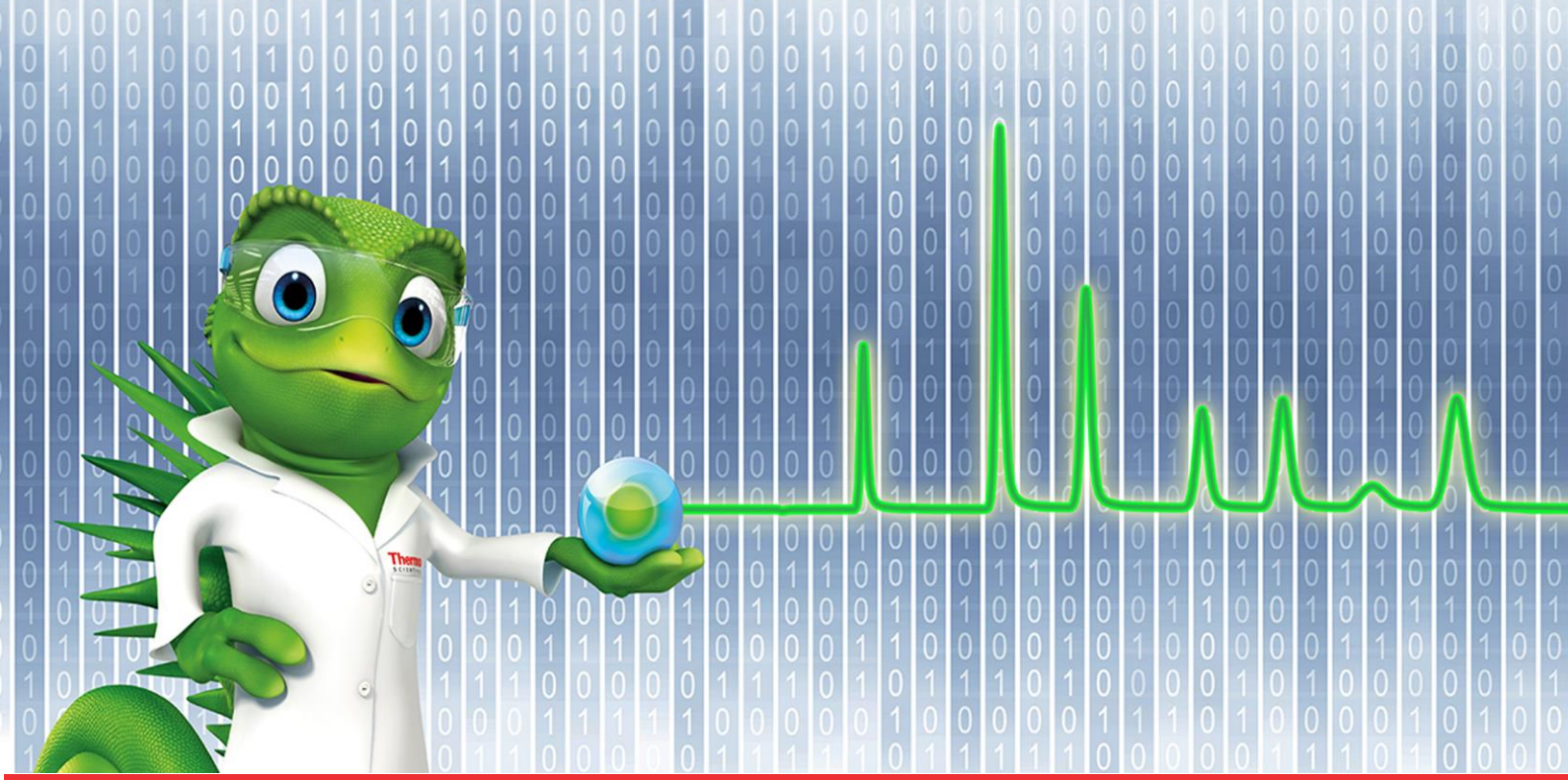

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Release Notes

Chromeleon 7
Chromatography Data System

Hotfix 162832_180019 for Chromeleon 7.2.10-MUa • Feb. 2021

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Revision History

Version	Date	Comment
1	Feb 2021	Initial Release
2	Mar 2021	Clarification added to Section 3.1

Table of Contents

1 Introduction 4
2 Resolved Issues 5
3 Installation 6
3.1 Compatibility 6
3.2 Installation Instructions for PCs and Servers 6
3.3 Installation Instructions for Thermo Scientific 247 Instrument Controller 9

1 Introduction

This document describes the installation and compatibility of **Hotfix 162832_180019 for Chromeleon 7.2.10-MUa,** which resolves issues related to manually uploading sequences in an Enterprise environment under special circumstances.

2 Resolved Issues

ID	Description
162832	Sequence Upload: Sequence Cannot Be Uploaded Due to Corrupted Raw Data Due to a timing issue introduced by a recent Windows OS change, it could happen that sequence raw data being transferred to a remote data vault during acquisition could become corrupted or lost.
180019	Sequence Upload: In a Mixed Version Environment, Initial Upload Failed, Scheduler Upload Results in Data Loss In a mixed Enterprise environment consisting of stations running both Chromeleon 7.2.10 MUa and older Chromeleon versions, performing a manual upload of a sequence on a 7.2.10 MUa IPC from an older client could result in the sequence getting lost.

3 Installation

3.1 Compatibility

Hotfix 162832_180019 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). The following chart lists the Chromeleon systems affected by this hotfix:

Chromeleon System	Hotfix Required?
Chromeleon Domain Controller	No
Chromeleon Data Vault Server(s)	Yes
Chromeleon File Server(s)	Yes [1]
Chromeleon Instrument Controller PCs (IPC)	Yes
Thermo Scientific 247 Instrument Controller	Yes
Chromeleon Client(s)	No
Chromeleon Standalone Workstation	No

[1] Only required if Chromeleon is already installed on the system

3.2 Installation Instructions for PCs and Servers

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

3.2.1 Prerequisites

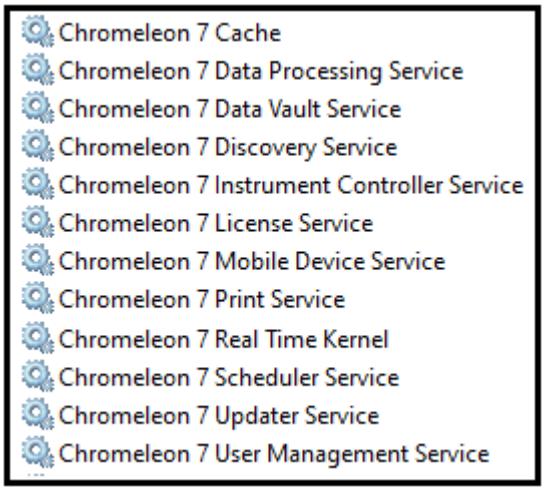
Prior to installation, make sure you have the following:

- Chromeleon 7.2.10 MUa installed
- Local administrative privileges
- Hotfix 162832_180019 for Chromeleon 7.2.10-MUa.zip

3.2.2 Installation Instructions

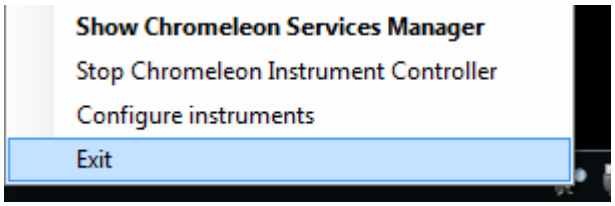
1. Ensure that Chromeleon is closed.

2. Open Services.msc and stop all the following Chromeleon services



   (Note that, depending on your system, some services may not be installed)

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 162832_180019 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.DataCommon.dll
   - Dionex.RawFileServer.dll

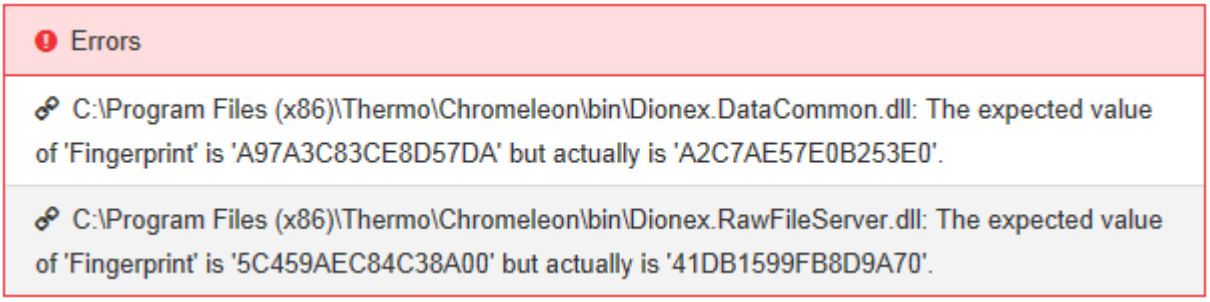
6. If you are installing the hotfix on a Windows 10 based computer, right click on the file **UnblockHotfix.bat** and select **Run as Administrator**.

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:



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 tihs 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 162832_180019 for Chromeleon 7.2.10-MUa.zip
- Hotfix 162832_180019 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 162832_180019 for Chromeleon 7.2.10-MUa.cat** to the C:\Windows\System32\catroot\{F750….} folder.
5. Follow steps 1 to 5 in section 3.2.2 above to install the hotfix files.
6. Restart the 247 IC.

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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