Date: 25th January 2023

TECH TOOL RELEASE NOTES

Version 2.8.175

Volvo Group

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TECH TOOL RELEASE NOTES 2.8.175

Overview

These release notes give you an overview of new features and changes in Tech Tool. Please take your time to read through this news carefully as it will support in having the full benefit of the features in Tech Tool.

Tech Tool release 2.8.175 is available for download in the Client Update from week 04, 2023.

Limitations / Challenges

1. The system changes are limited with improvements to stability and performance of Tech Tool.
2. **Installation of Tech Tool version 2.8.150 and above will fail if Cisco Secure & Trend Micro Endpoint software is installed on the computer. Recommend staying with the currently installed version of Tech Tool.**
    a. If the user is installing Tech Tool via ISO/Web, installation will fail.
    b. If the user is updating Tech Tool via client update, installation will get corrupted. If installation gets corrupted, it is recommended to contact Tech Tool support team.
3. Restarting Tech Tool daily is recommended to free up resources and improve the application's performance.
4. It is recommended to perform ‘Finish work’ at the end of a connected product's session before connecting to the next product. This will speed up the process of connecting to the next product.

Recommended actions

1. Before initiating Tech Tool installation via Client update, ensure that all the Windows updates have completed. Otherwise, Windows Update might cause the computer to restart, which may lead to the reinstallation of Tech Tool.
2. Restart the computer after installing Tech Tool for both a fresh installation and an update via Client Update.

Fixed Issues

Description	Brands
Automatic version identification support is extended for VM models with VERSION2 & VERSION3 vehicles.	VTC

Operation changes in the release

Operation	Changes	Brands	Models
33445-3 'Ignition Switch, Test'	Operation support has been added for MDE8 VM2023.	VTC	VM
59377-3 'Reinitiate Learned Parameters, Calibration'	Operation support has been added for MDE8 VM2023.	VTC	VM
59361-3 'Sensor Yaw Rate, Calibration'	Operation support has been added for MDE8 VM2023.	VTC	VM
38118-3 'Gauge Checks, Instrument Cluster'	Operation support has been added for MDE8 VM2023.	VTC	VM
3241-05-03-02/32425-3 'Program Motor Control Unit (MCU)'	Operation support has been added for Battery Electric Vehicles.	VTC MACK	VNRe LRBe

Diagnostic changes in the release

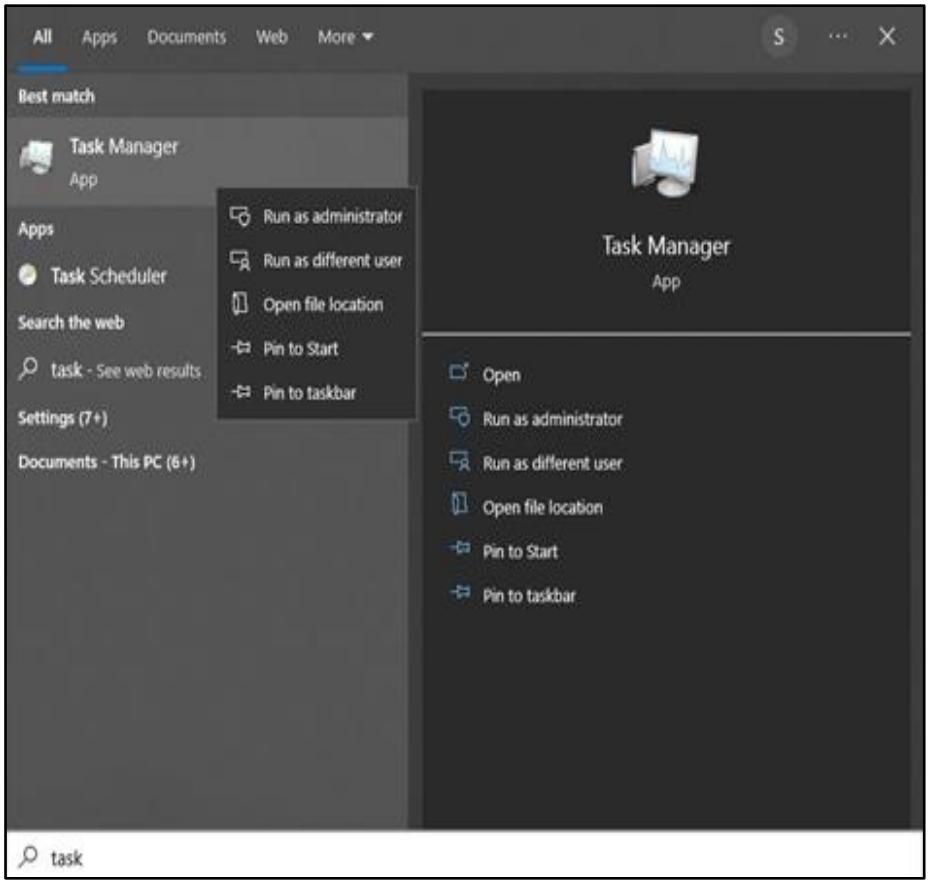
Diagnostic	Changes	Brands	Models
Diagnostic Update	Fault tracing instructions are updated to support the cooling circuit three-way valve for Electric Vehicle Control Module (EVCM).	VTC	VNRe
Diagnostic Update	Fault tracing instructions are updated to support the inlet actuator for Combined Charging system Control Module (CCCM).	VTC MACK	VNRe LRBe

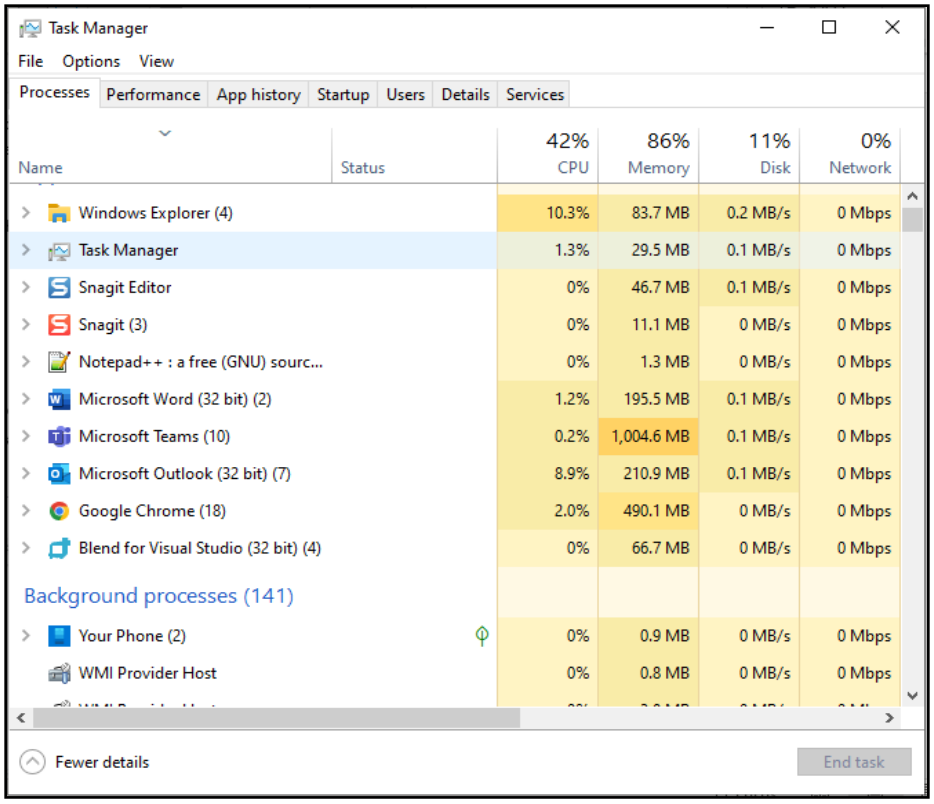
Known Issues and Workarounds

Issue no:	Issue Description	Brands
1.	Tech Tool Services [BAF service] are not getting started.	ALL
2.	Code integrity check failed pop-up might be observed during the installation.	ALL
3.	While switching between the tabs, Tech Tool might freeze, or an error pop-up is displayed.	ALL
4.	Impact tab not loading in Windows 11 computer.	ALL
5.	Tech Tool installation progress bar freeze during Client update.	ALL
6.	Application error pop-up in Tech Tool.	ALL

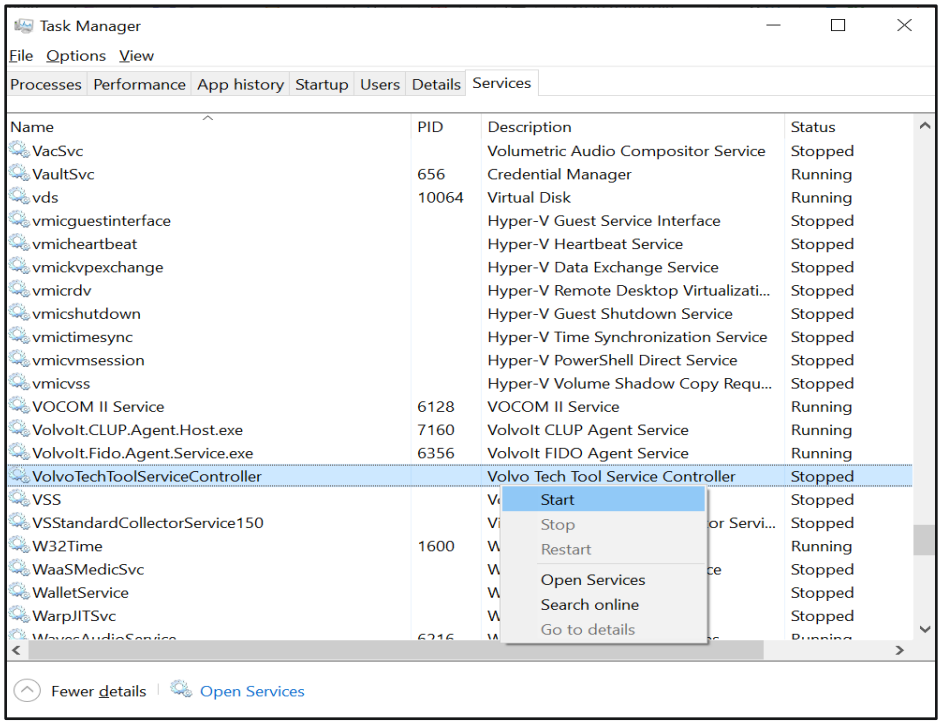
Issue-1: Tech Tool Services [Baf service] are not getting started.
Cause: When the computer is closed and enters Sleep or Hibernate mode, Tech Tool might get into the “Services not started” error.
Suggestion:

1. We recommend changing the windows settings so that the computer does not go into Sleep or Hibernate mode. (Drawback: power consumption). Please follow the instructions stated in ‘Power Settings Modification.doc’.
2. If the issue occurs, restart the computer, then launch Tech Tool.
3. If not recovered, follow the below steps after restarting the computer.
    a. Search for Task Manager in search field from task bar.
    b. Right-click on the Task Manager.
    c. Select “Run as administrator”. (Contact local IT team if you don’t have administrator privilege)

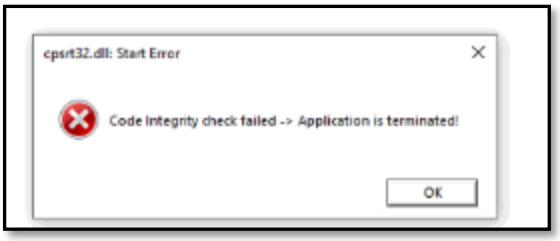

All
Apps
Documents
Web
More
Best match
Task Manager
App
Apps
Task Scheduler
Search the web
task - See web results
Settings (7+)
Documents - This PC (6+)
Run as administrator
Run as different user
Open file location
Pin to Start
Pin to taskbar
Task Manager
App
Open
Run as administrator
Run as different user
Open file location
Pin to Start
Pin to taskbar
task


Task Manager
File
Options
View
Processes
Performance
App history
Startup
Users
Details
Services
Name
Status
42% CPU
86% Memory
11% Disk
0% Network
Windows Explorer (4) 10.3% 83.7 MB 0.2 MB/s 0 Mbps
Task Manager 1.3% 29.5 MB 0.1 MB/s 0 Mbps
Snagit Editor 0% 46.7 MB 0.1 MB/s 0 Mbps
Snagit (3) 0% 11.1 MB 0 MB/s 0 Mbps
Notepad++ : a free (GNU) sourc... 0% 1.3 MB 0 MB/s 0 Mbps
Microsoft Word (32 bit) (2) 1.2% 195.5 MB 0.1 MB/s 0 Mbps
Microsoft Teams (10) 0.2% 1,004.6 MB 0.1 MB/s 0 Mbps
Microsoft Outlook (32 bit) (7) 8.9% 210.9 MB 0.1 MB/s 0 Mbps
Google Chrome (18) 2.0% 490.1 MB 0 MB/s 0 Mbps
Blend for Visual Studio (32 bit) (4) 0% 66.7 MB 0 MB/s 0 Mbps
Background processes (141)
Your Phone (2) 0% 0.9 MB 0 MB/s 0 Mbps
WMI Provider Host 0% 0.8 MB 0 MB/s 0 Mbps
Fewer details
End task

d. Click on the Services tab and search for the “VolvoTechToolServiceController” service. Right-click on the service and select Start.



Issue-2: Code integrity check failed pop-up might be observed during the installation. Recommend staying with the currently installed version of Tech Tool.
Cause: If the user has **Cisco Secure & Trend Micro** Endpoint software installed on the computer, Tech Tool installation will fail.



Suggestion:

1. If the user installs Tech Tool via ISO/Web, Tech Tool installation will fail.
2. If the user updates Tech Tool via Client Update, the installation will get corrupted. If installation gets corrupted, kindly contact Tech Tool support team.

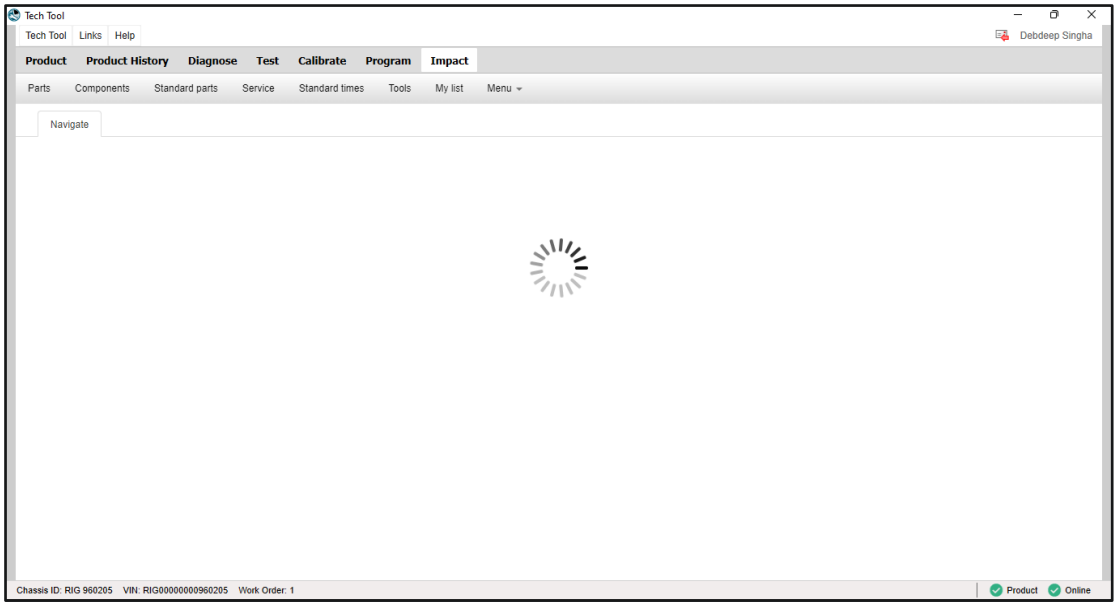
Note: We recommend to disable Client Update Service to avoid automatic Tech Tool update. Information on how to disable Client Update Service is provided in the **Video.**

Issue-3: While switching between the tabs, Tech Tool might freeze.
Cause: Under investigation.

Suggestion: Kindly follow the below steps:

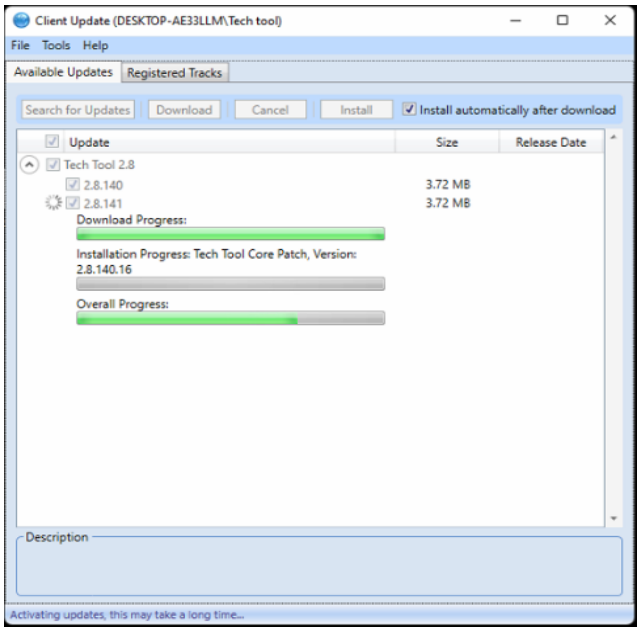
1. Ensure that there is a stable network as shown in the icon
2. Restart Tech Tool.
3. If not able to recover, restart the computer.

Issue-4: Impact tab not loading in Windows 11 computer.
Cause: Under investigation.



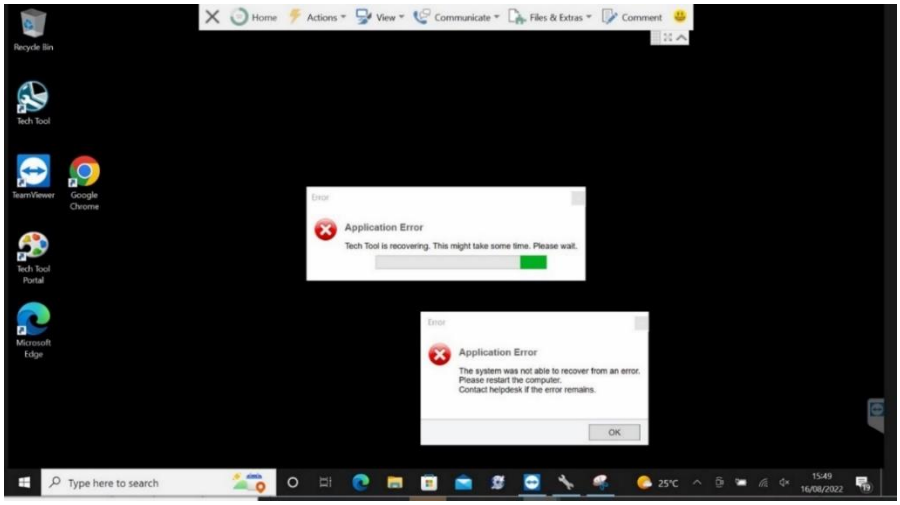
Suggestion: Open Impact tab outside Tech Tool in web browser.

Issue-5: Tech Tool installation progress bar freeze during Client Update.
Cause: Under investigation.



Suggestion: Restart computer if the progress bar freezes for more than 30 minutes.

Issue-6: Application error pop-up in Tech Tool.
Cause: Under Investigation.



Suggestion: Restart Tech Tool.

Note: For any issues & Support, kindly use your normal channels.