Revision 27/10/2023: Version V1.1 with Bugfix: invalid path when the path retrieved by CSDM had a space

CSI Database Analyzer

Description:

This tool allows you to check if your database can be updated to the latest version of CS Imaging. If a problem is detected, it collects logs and information about the database. It integrates two tools:

- **Sanity check:** Tool integrated into the CSI8Suite. It checks how many patients will be available or in quarantine after migrating the database to CSI8v3

- **Report Tool:** New tool checking the entire database and displaying all incoherencies and errors found.

Note: This tool is standalone, installation of CS Imaging is not required.

Workflow:

At startup, the current installation information is displayed.

```
Welcome to CSI Database Analyzer
================================================================================
This tool allows you to check if your installation can be updated to the latest version of CSImaging.
================================================================================
CSImaging: 8v3
Database type: SQL
Database Path: \\Vm-black\DB
Patients: 3


Appuyez sur une touche pour continuer...
```

CS Imaging:

There are 3 different versions detected of CS Imaging:
CS Imaging 7, 8v2 and 8v3. If CS Imaging is not detected, it will show "not installed".

Database type:

There are 3 different types of databases:
CSDM Full: Patients are managed by CSDMLite only
CSDM Hybrid (only for CSI7): Patients are managed by CSDMLite and PATIENTS.DBF
SQL: Patients are managed by an SQL Server

Database path:

CSI 7 and CSI 8v2: Show the path defined in CSDMLite.
CSI 8v3: Show the path defined in the configure menu.

Patients:

Number of patients in current database.

```
Are you using a DPMS to launch CSImaging (Y/N)? n

Do you want to use CSDMLite Path (Y/N)? n

Enter the database path to check: C:\DB_
```

Are you using a DPMS to launch CS Imaging (Y/N)?:

Select "**yes**" if the customer is using a Dental Practice Management Software (DPMS) to start CS Imaging.
The image database is not managed by Carestream, and no migration is required.
Databases using CSLink, VDDS, ImagingBridge, command line, or Interface.dll are considered in DPMS mode and should **not be migrated**.
If the workstation meets the minimum requirement, it can be updated to the latest version of CSI8v3.

Select "**no**" if patients are managed by CSI in standalone.

Note: If CSI is used both modes, DPMS and standalone, adapt the responses to your installation.

Do you want to use CSDMLite Path (Y/N)?:

Select "**yes**" if you want to use the path defined in CSDMLite. Only available for CSI 7 and CSI 8v2.
Select "**no**" to enter a new database path.

Enter the database path to check:

Enter a valid database path.

Sanity Check

```
Database to check: C:\DB

Start the Sanity Check?

WARNING: DO NOT CLOSE THE REPORT THAT WILL OPEN

Confirm (Y/N)? y_
```

Confirm (Y/N)?

Select "**yes**" to start the **Sanity Check.**
WARNING: DO NOT CLOSE THE REPORT THAT WILL OPEN.
This report will be used to answer the next questions.

Select "**no"** to return to the main menu.

```
Do you have patients eligible for migration (Y/N)? y

Do you have more than 300 patients in quarantine (Y/N)? n
```

Do you have patients eligible for migration (Y/N)?

Use the Sanity Check report and check if you have patients eligible for migration. This value corresponds to the number of patients that will be visible after migration to CSI 8v3.

Select "**yes**" if this value is what you expected.
Select "**no**" if there are no eligible patients or if it does not match to the expected number of patients. In this case, the database cannot be updated to CSImaging 8v3. CSI Database Analyzer will launch the **Report Tool**.

Do you have more than 300 patients in quarantine (Y/N)?

Use the Sanity Check report and check how many patients will be quarantined. This value corresponds to the number of patients who will be ignored after migrating to CSI 8v3. A maximum of 300 quarantined patients is recommended. It will be possible to fix them after the migration with the CSI8v3 Service tool.

Select "**yes**" if this value is greater than 300. The database is corrupted and need to be fixed before doing the migration to CSI8v3. CSI Database Analyzer will launch the **Report Tool**.

Select "**no**" if this value is less than 300. Your database is correct. If the workstation meets the minimum requirement, it can be updated to the latest version of CSI8v3.

Report Tool

A problem has been detected on the database. Report tool will analyze it and CSI Database Analyzer will collect all logs and reports required for troubleshooting.

Database analysis will start. Confirm (Y/N)?

Select "**yes**" to start the analysis and collect logs and reports.
Select "**no**" to cancel and back to the main menu.

The Report Tool starts. Wait for the report and log collection.

All reports and logs are copied to a folder called CS_Database_Report_(TIME) and a zip CSI_Database _Report_(TIME).zip located on the desktop.

Files and logs copied into the folder and zipped:
-.csi_data if exist
- PATIENTS.DBF/FPT/CDX if exist
- C:\ProgramData\TW\CsisMigrationTool
- DB_Repository.txt: List of folders in the database root
- Report_(DATE)_(TIME).log/html

Contact Carestream Technical Support with the zip file.

<div align="center">End of document.</div>