MineSched

Release Notes

Last Modified: Thursday, February 18, 2021

MineSched 2021 Refresh 1

Enhancements

Setup Schedule

● **Use D field values while naming haulage roads**

If you use a D field value to define a haulage road name, the haulage road name is now the haulage file name imported from the geometry source (**.str**) file. If the D field has no value in the **.str** file, the haulage road name is the haulage file name appended with **<String id>** and the next incremental unused integer.

An error message is displayed when you:

- import a duplicate road name in a haulage file
- use a reserved word in a road name

Miscellaneous

● **Use .sdm file while importing roads**

You can now import **.sdm** files in the **Import source** column in the **Roads** data grid on the **Setup Schedule** > **Material Flow** > **Haulage** > **Roads** tab.

Publish Results

● **Changes in output file formats while exporting data**

When you export data from specific tabs, you can view the following changes:

- The **Output file format** field has been renamed as **Output Format** field.
- The **Surpac** and **GEOVIA SDM** options have been removed and **GEOVIA** option has been added instead while **GMG OMF** has been removed.
- The **GEOVIA SDM File (.sdm)** option is now the default option for the **GEOVIA** option in the **Output Format** list.

You can view the changes on the following tabs:

- **Publish Results** > **Graphical Results**
- **Setup Development** > **Headings**
- **Setup Schedule** > **Material Flow** > **Haulage** > **Roads**
- **Publish Results** > **Haulage Results**

General

● **Log a request in the 3D support website**

On the **Scenario** > **Info** tab, when you click the **Log A Request** button, you are now redirected to the *3DSupport* website instead of the *GEOVIA Support Login* website.

Issues Fixed

Other Area

- **Mismatched values for a plant on the material movement tab caused MineSched to exit unexpectedly while running schedule**

  The value of material moved to or from a plant on the **Setup Schedule** > **Material Flow** > **Movement** tab now matches with the value maintained internally (in a form of history for calculation purposes). When you execute a schedule, it runs successfully.

Setup Schedule

- **Mismatched values for a stockpile on the material movement tab caused MineSched to exit unexpectedly while running schedule**

  The value of material moved to or from a stockpile on the **Setup Schedule** > **Material Flow** > **Movement** tab now matches with the value maintained internally (in a form of history for calculation purposes). When you execute a schedule, it runs successfully.

- **Fill blocks were not being marked as full**

  A rounding issue resulted in very small volumes remaining in certain fill blocks, which resulted in extended time to run a schedule. The rounding issue has been resolved and the schedule run time is now reduced.

- **Material movement rule did not calculate values correctly when Ratio/Priority was set to 0**

  On the **Setup Schedule** > **Material Flow** > **Movement** tab, in the **Material movement** data grid, when the **Ratio/Priority** value is set to 0 for material movement rules between any two locations, the material movement rules between other locations remain unaffected.

- **Material was mined but values were not calculated correctly for material movement**

  On the **Setup Schedule** > **Material Flow** > **Movement** tab, material mined from a mining location is now sent to the destination and values are calculated correctly for the material movement.

- **An error message was displayed if the defined production rate was greater than the resource capacity**

  On the **Setup Schedule** > **Production** > **Mining** tab, even if the value in the **Value** column in the **Production rates** data grid on the **Production rates** tab exceeds the value in the **Capacity** column in the **Resource capacities** data grid on the **Resource capacities** tab, the schedule runs successfully and the error message is no longer displayed.

- **No message displayed for incorrectly defined haulage route**

  On the **Full path**, **Empty path**, and **Bench collections** tab on the **Setup Schedule** > **Material Flow** > **Haulage** > **Haulage routes** tab, an error message is displayed during schedule creation, when the roads used to create a haulage route are defined incorrectly.

Create Schedule

- **Modified Material column in the Process rates data grid and spreadsheet**

  You can see the following changes on the **Setup Schedule** > **Locations** > **Surface** > **Process rates** tab:

  - The **Material Classes** column in the **Process rates** data grid is non-editable and the wildcard expression ***** is displayed.
  - The **Materials** column in the **Process Rates** spreadsheet displays only the wildcard expression ***** in the **Materials** list. If you enter another value in this column it is reverted to *****.

- **Mismatched values for a process on the material movement tab caused MineSched to exit unexpectedly while running schedule**

  The value of material moved to or from a process on the **Setup Schedule** > **Material Flow** > **Movement** tab now matches with the value maintained internally (in a form of history for calculation purposes). When you execute a schedule, it runs successfully.

- **Stockpile starting balances without a mass or volume value were not being flagged prior to a schedule being run**

  On the **Setup Schedule** > **Locations** > **Surface** tab, in the **Stockpile balance values** data grid, you must define **Mass** and **Volume** value in the **Property** column to maintain starting balance in the stockpile. The values should be greater than or equal to zero for executing schedules without an error.

- **No error message was displayed when running a schedule outside the minimum and maximum date range**

  When you now enter values in the **Scheduling start date** and **Scheduling end date** field outside the range of 1986 and 2222 and create a schedule, an error message is now displayed.

- **The Animation Canvas was blank when solids were used as mining method and blocks were consolidated**

  On the **Setup Schedule** > **Locations** > **Surface** tab, when you now select **Solids** in the **Method** list and/or select the **Consolidate blocks** check box in the **Mining** section and run a schedule, it runs successfully and the **Animation Canvas** displays accurate results.

Publish Results

- **The start and end date were displayed incorrectly when the date format on the computer was mmddyyyy**

  When you now generate a **Development** report on the **Publish Results** > **Graphical Results** tab, and the date format on your computer is mmddyyyy, the generated reports display the start and end date correctly.

- **Blank space at the thousandths and hundredths places in a CSV report caused schedule execution error**

  Now when the numbers have non-printable characters (blank spaces) at the thousandths and hundredths places in a CSV report, the values from the report are calculated correctly and the schedule executes successfully. Standard CSV reports use the *Numbers* settings on the *Control Panel* > *Region* **>** *Additional settings* tab.

- **Unreadable Cyrillic characters were displayed in haulage reports**

  When you now generate reports using the **Create Detailed Haulage Reports** button on the **Publish Results** > **Standard Reports** tab, unreadable characters are no longer displayed.

- **No provision for selecting reports on the Standard Reports tab**

  You can now select the reports you want to export from the new **Reports to export** list while using **Export to MS Access** and **Export to ODBC** on the **Publish results** > **Standard Reports** tab.

General

- **Offline licenses were supported on a remote desktop or virtual machine**

  On the **Scenario** > **Settings** > **License Management** > *Dassault Systemes Licensing* > **Available Licenses** pane, the following actions are no longer supported when you are using a remote desktop or a virtual machine:

  - taking network license offline
  - importing nodelock license

  The **Take offline** button, date time picker, and the **Return online** button are disabled when you are using a remote desktop or a virtual machine.

- **The symbol «Б» could not be used in Wildcard expression builder**

  You can now enter the symbol «Б» in the Wildcard expression builder when you use the Russian locale on your computer.

● **Actions associated with haul roads and models did not affect the undo and redo list**

  The changes related to the following actions is cleared from the undo and redo list, when you delete:

  • haul roads in the **Roads** data grid on the **Setup Schedule** > **Material Flow** > **Haulage** > **Roads** tab
  • a model in the **Models** data grid on the **Define Geology** > **Models** tab

● **Export MineSched scenarios**

  You can now export MineSched 2021 Refresh 1 to the following versions:

  • MineSched 9.2
  • MineSched 2019
  • MineSched 2020
  • MineSched 2020.1
  • MineSched 2021

  If a scenario contains **.sdm** file as the haulage geometry source in the **Roads** data grid on the **Setup Schedule** > **Material Flow** > **Haulage** > **Roads** tab, while exporting the scenario a warning message occurs.

Miscellaneous

● **Defining material ratio targets for multiple destinations caused MineSched to exit unexpectedly**

  Now when you enter a **Value** for a single material class in the **Material ratio targets** data grid on the **Setup Schedule** > **Targets** > **Material ratio targets** tab for different **Destinations**, the schedule runs successfully.