DATAMINE

STUDIO UG

DTS 4.0

Release Notes

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Overview

Datamine Task Scheduler (DTS) is a Gantt chart scheduler specifically designed for underground and open pit scheduling that is suitable for operational short-term and long-term planning.

Further Information

This document includes cumulative release notes for DTS 4.0.

Release notes for other versions of Datamine Task Scheduler are available via the Support Portal https://www.dataminesoftware.com/support/.

DTS 4.0 Release Notes

DTS 4.0 Features

Datamine Task Scheduler (DTS) is the successor to **Enhanced Production Scheduler** (EPS). EPS is discontinued.

DTS can schedule both production and non-production tasks such as maintenance, workplace preparation and shift changes. Mine planners can interactively update schedule rules and dependencies between tasks or use advanced levelling algorithms to automatically resolve scheduling conflicts. Gantt charts and many other reports provide operations with rich mine planning reports.

Integration of DTS in Studio mine design software enables mine engineers to dynamically and interactively see the effects of changing designs and updated reserves on schedules.

Updated DTS documentation can be accessed by your application but also by visiting docs.dataminesoftware.com/.

DTS and EPS

DTS and EPS are different products, with their own licenses.

You can't upgrade EPS 3.0 using the DTS 4.0 installer package.

You can, however, install both products simultaneously. This may be useful, for example, if working with a legacy Studio OP version (prior to 4.0) and a newer Studio UG version (4.0 or later) and you need to use an activity scheduler in both, you'll need both EPS and DTS installed, and each licensed separately.

If you are concerned about the interplay between these products or licensing arrangements for EPS, DTS or Studio products, please contact your local Datamine office for guidance. Whatever it is, we'll work it out.

Product Licensing

Datamine Task Scheduler requires a dedicated license, available from your Datamine office.

> **Important**: You can't activate DTS using an EPS license.

DTS is supported by its own visualization application - **DTS InTouch**.

For more information about DTS and DTS InTouch licensing, please contact your local Datamine office.

Product Compatibility

DTS can be used to create and fine-tune schedules based on output from these or later versions of these products:

- **Studio OP 4.0**
- **Studio UG 4.0**

> **Important**: You cannot connect these Studio product versions to EPS. See above for important licensing information.

DTS InTouch

Datamine Task Scheduler data can be viewed as a 3D animation, reflecting the progression of the schedule and associated dependent tasks. To support the launch of DTS, a new viewer product - DTS InTouch - has been created.

DTS InTouch is based on the previous viewer, EPS InTouch. DTS InTouch will continue to be developed in future to provide new and improved schedule visualization options.

Converting EPS Projects

You can open legacy EPS projects in DTS.

You don't want to have to open each legacy EPS schedule in DTS just to convert it to the new format. This can also be achieved using a handy utility that lets you perform this conversion on either a single or multiple EPS projects.

There are two ways to do this:

- **Command Line**
    1. Start eps with the argument: `/convertfolder:@yourFolderFilePath`
    2. Replace `@yourFolderFilePath` with the folder that contains the EPS files. This will also then create another folder named converted within `@yourFolderFilePath` containing newly generated DTS files.
- **Macro**
    - Run the macro 'ConvertToDts', this will bring up a folder dialog requesting the folder which contains the EPS schedules that need to be converted to DTS.

Enhancements

- **Multiple Cases** A standalone, rebranded and relicensed DTS application has been created.
- **DTS-156** A date/time stamp is now included in the application log file name and the extension is now .log.
- **DTS-116** Contextual help has been added for the Report Setup >> View screen.
- **DTS-99** The version number of your product now appears in the Title Bar.
- **DTS-65** DTS can now be displayed in Russian language.
- **DTS-58** Template tasks and work packages are now sorted in docking windows and lists.
- **DTS-48** DTS is accessed and launched more quickly via automation than EPS.
- **DTS-47** A command line utility and macro have been created to convert legacy EPS projects to DTS format.
- **DTS-45** Legacy EWS demonstration files have been updated for DTS, including more recent schedule dates.
- **DTS-32** DTS has been registered with Microsoft and Google for email support.
- **DTS-22, DTS-6** DTS documentation has been extended, reformatted and improved from its EPS predecessor.
- **DTS-4** Documentation (online and offline) for DTS has been created.
- **CORE-8899** A new splash screen has been created for DTS InTouch.

Other Changes

- **Multiple Cases** DTS benefits from a new help file. This will be developed in the future to provide an updated tutorial and a modern look and feel. Updated DTS documentation can be accessed by your application but also by visiting **docs.dataminesoftware.com/**.
- **DTS-59** You can no longer insert or hide table columns in the DTS Viewer application.
- **DTS-53** DTS now checks for a dedicated DTS license. You cannot use a legacy EPS license to open this application.

- **DTS-49** A new license has been created the DTS InTouch application (previously EPS InTouch).
- **DTS-1** A dedicated Datamine Task Scheduler license has been created, and is required for this application.

Defect Fixes

- **DTS-66** Section dates are no longer displayed incorrectly in the Task Information form on the Distribution tab.
- **DTS-64** DTS no longer runs out of memory while displaying a pop-up label by hovering over a bar with the cursor.
- **DTS-63** An issue that could cause system instability, when a dependency is made active and dependency data is incomplete, has been resolved.
- **DTS-62** You can no longer enter negative table columns widths via the ribbon.
- **DTS-60** The Histogram view no longer crashes when using a field that is calculated over the entire duration of the schedule and summary columns are enabled.
- **DTS-56** An unexpected 'Microsoft.BCL.Hashcode' error when running a macro has been resolved.
- **DTS-49** EPSolver targets no longer disappear unexpectedly after selecting Solve or Apply.
- **DTS-46** All EPM macro files have been converted to the new DTSM format.
- **DTS-34** An issue preventing the EPSSolver tool from working has been resolved.
- **DTS-23** Width editing buttons on the Dashboard ribbon now work as expected.

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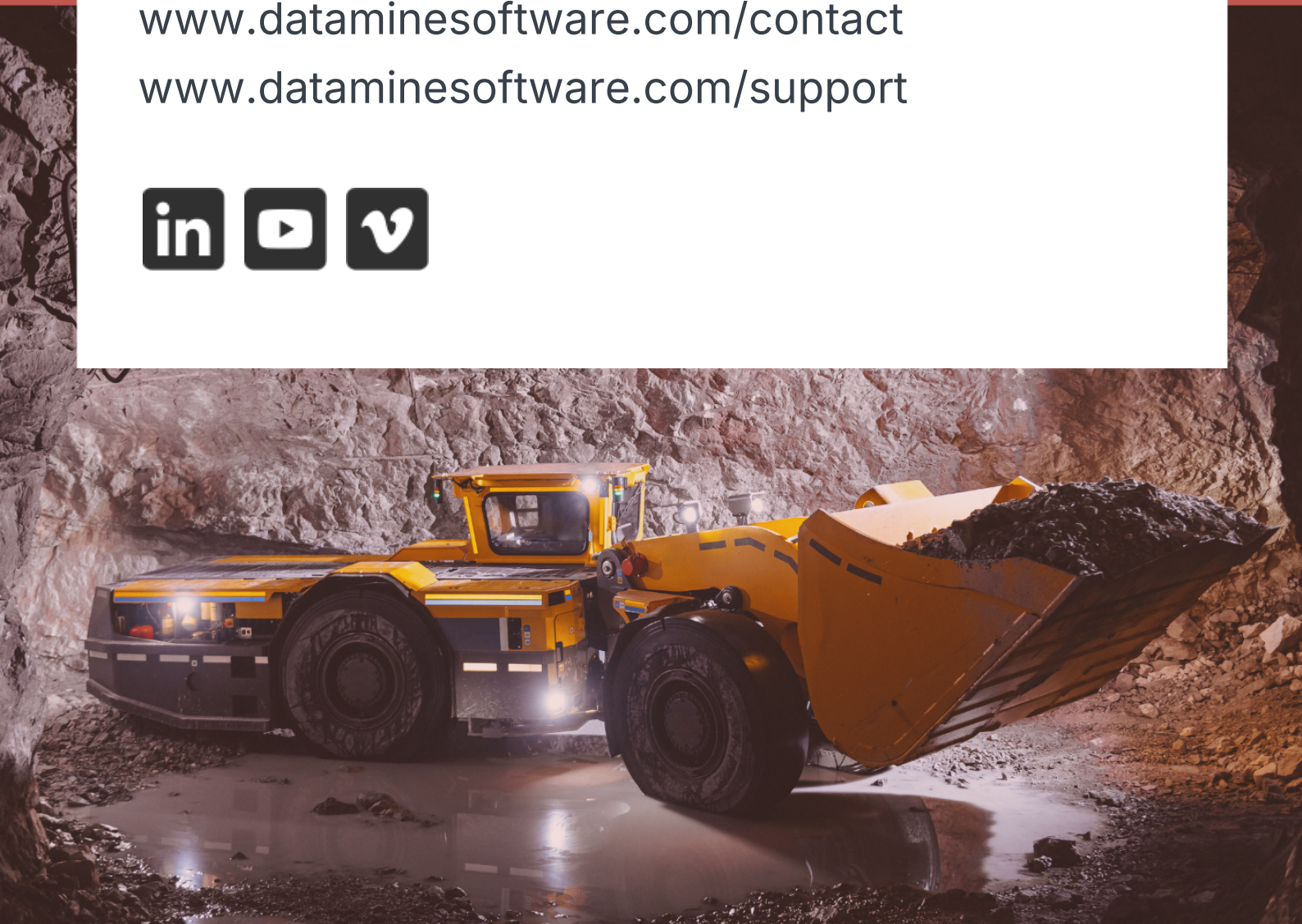
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