

■ Reconcilor

Release Notes Reconcilor v 9.5.2

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1. WHAT'S NEW FOR RECONCILOR 9.5.2

Reconcilor by Snowden Optiro is a software solution designed to consolidate and integrate the knowledge and data provided by mining engineers, geologists, metallurgists, and planners. By standardising operations across multiple mining sites, Reconcilor enables advanced analysis and offers guidance to troubleshoot and optimise these sites.

As a Commercial Off-the-Shelf (COTS) offering, Reconcilor provides a ready-to-use solution that can be implemented without extensive customisation or development. It is designed to enhance and potentially replace previous versions of the product by offering additional functionality and improvements.

Reconcilor serves as a valuable tool for key stakeholders involved in mining operations, both on-site and at head office. It provides them with a comprehensive view of how operations are performing, allowing them to quickly identify any issues and receive early notifications. With this information at their disposal, stakeholders can take prompt action to resolve problems and improve overall operational efficiency.

This is a **minor version** update for Reconcilor. It is focused on resolution of the following:

- Pivot View – stockpile metrics
- Custom imports loading on upgrade
- Quick links date stamp updates
- Material movement module – crusher to plant planned datasets
- Performance improvements on Import Activity and other import related screens

2. RESOLUTIONS

2.1 Pivot View module – stockpile metrics

Problem: The construction of “stockpile as a source” pivot view queries were leading to suboptimal performance when dealing with a mix of aggregate types in the query. Specifically, in the case of the stockpile metrics, the opening/closing balance measures were each calculated within subqueries, which was significantly impacting query performance.

Resolution: To improve performance, it is recommended to group the aggregation types and run a separate query for each type. By doing so, the scalability of the number of measures present can be maintained without compromising the overall performance of the screen. This approach ensures a more efficient and responsive system when dealing with complex queries involving different aggregate types.

Users can now select as many Values as required in the Stockpile table:

Figure 1 Pivot View – Stockpile values

Stockpile Entity Group Name	Stockpile Name	Adjusted Closing Wet Tonnes	Adjusted Closing Dry Tonnes	Adjusted Closing Au g/t	Addition Wet Tonnes	Addition Dry Tonnes	Addition Au g/t	Removal Wet Tonnes	Removal Dry Tonnes	Removal Au g/t
Floor Stockpiles	IN_DIT	1,218,309	1,218,309	0.32	273,616	271,067	0.27	0	0	0
	Sheet_Inpitt	0	0	0	0	0	0	0	0	0
	Total	1,218,309	1,218,309	0.32	273,616	271,067	0.27	0	0	0
Mineralised Waste	MW_PRIME	20,048,268	19,843,774	0.49	36,190	35,973	0.84	0	0	0
	Test H1	1,000,000,000	1,000,000,000	0	0	0	0	0	0	0
	Total	21,048,268	20,843,774	0.49	36,190	35,973	0.84	0	0	0
Oxide LG	LG_LOW_OXIDE	6,001,716	6,001,716	0.45	0	0	0	0	0	0
	LG_OX_WEST	708,126	708,126	0.65	0	0	0	0	0	0
	Total	6,709,842	6,709,842	0.55	0	0	0	0	0	0
Oxide ROM	HC_SOX	565,712	565,712	1.15	4,720	4,717	1.07	0	0	0
	HOK_Skyway	-4,905	-4,905	0	0	0	0	0	0	0
	HOK_01	1,174,922	1,174,922	1.11	0	0	0	0	0	0
	LHD_OXIDE	14,551	14,551	1.09	138,455	138,320	1.09	0	0	0
	LHD_SOX	-73	-73	0	106,627	106,627	1.15	0	0	0
	Total	1,850,107	1,850,107	1.12	249,801	249,663	1.12	0	0	0
Post-crusher Stockpiles	COS	130,712	130,712	0.85	572,879	569,442	1.09	0	0	0
	PEBBLE_CROUSHED	178,486	178,486	0	121,797	121,067	0	0	0	0
	ROM06_SCATS	2,730,816	2,730,816	1.10	0	0	0	0	0	0
	SCATS	0	0	0	0	0	0	0	0	0
	Total	2,040,014	2,040,014	1.09	694,676	690,508	1.09	0	0	0
Pre-crusher Stockpiles	F4_Blend	7,086	7,086	0.95	0	0	0	0	0	0
	LG_BLEND	25,494	25,494	0.72	0	0	0	0	0	0
	LHD_BLEND	7,015	7,015	0.81	66,849	66,578	0.81	0	0	0
	R2_Blend	25,685	25,685	0.97	0	0	0	0	0	0

Upgrade Instructions: No specific actions are required to benefit from this bug fix. The update will automatically be applied to the Pivot View Module during this upgrade.

2.2 Custom imports loading

Problem: Any custom imports were not automatically loading after the 9.5.0 upgrade.

Resolution: Custom imports are now included in the upgrade path.

Upgrade Instructions: No specific actions are required to benefit from this bug fix. The update will automatically be applied to the custom imports during this upgrade.

2.3 Quick link date stamps

Problem: When you open a configuration using a saved quick link, the table correctly loads the data associated with that quick link. However, the date stamp in the period filter displays the time period that was used during the initial save

Resolution: The date stamp in the period filter accurately reflects the time period associated with the loaded data from the quick link. This adjustment will enhance the user experience and provide a more consistent and reliable representation of the data.

Upgrade Instructions: No specific actions are required to benefit from this bug fix. The update will automatically be applied to the Quick Links date stamp during this upgrade.

2.4 Material movement module - “crusher to plant” planned datasets

Problem: The problem encountered in the Material Movement module's "crusher to plant" screen involves an operation error that occurs when users attempt to view a selected planned dataset. Upon choosing the dataset for detailed viewing, the system returns an error, preventing users from accessing the desired information.

Figure 2 Material movement – planned datasets on crusher to plant screen



Resolution: The development team has identified and rectified the root cause of this issue, ensuring smooth and accurate dataset retrieval.

Upgrade Instructions: The update will automatically be applied to the Material Movement module during this upgrade.

2.5 Performance improvements on Import Activity and other import related screens

Problem: In all versions of Reconcilor, including the previous release 9.5.0, an issue existed where loading import activity caused significant delays due to the system traversing the entire history of all import jobs, validations, and errors. This was particularly evident in sites with extensive historical import data, such as those which spans over 10 years of records. The loading process took over a minute to display “today’s” records, severely impacting user experience.

Resolution: The permanent resolution involved optimizing the import-related screens to avoid querying the entire historical data. The focus is displaying only the relevant data, ideally limited to the last years’ worth of records. This approach will significantly enhance the performance of the UI and eliminate the need to delete historical job data from the database.

Upgrade Instructions: Users are encouraged to update to version 9.5.2 to benefit from the improved performance of the import activity feature.

3. MORE INFORMATION

The following general resources are available to help you use your product:

- **Integrated Online Guidance:** your product online guidance (information icon in top right of the User Interface Shell) is your first stop for assistance and contains a wealth of information, including the latest information about this version.
- **Online video tutorials:** check out our YouTube channel for video tutorials for step-by-step guides to some of our more complex features.
<https://www.youtube.com/@DatamineSoftware/search?query=reconcilor>
- **Support Portal:** The Datamine Support Portal allows you to get in touch with our global support teams for direct assistance with any software related issues.
<https://datamine.freshdesk.com/en/support/login>

The support portal also hosts the:

- Reconcilor FAQ's <https://datamine.freshdesk.com/en/support/solutions/Reconcilor/FAQ>
- Reconcilor Basic Troubleshooting
<https://datamine.freshdesk.com/en/support/solutions/Reconcilor/BasicTroubleshooting>
- **Latest version:** The latest 9.5.2 release version can be upgraded by contacting your Datamine or Snowden Optiro Reconcilor consultant.

Release notes are available at <https://docs.dataminesoftware.com/Reconcilor/index.htm>

4. FEEDBACK AND SUPPORT

We value your feedback and are committed to continuously improving our product. If you encounter any issues or have suggestions for further enhancements, please contact our support team, and we will be glad to assist you.


Thank you for your ongoing support and trust in Reconcilor. We strive to provide you with a seamless and efficient experience, and this release is a testament to our dedication to delivering excellence in data management.

Sincerely,

The Reconcilor Team

5. RESOLVED TICKETS – RECONCILER V 9.5.2

 A new feature













 An enhancement to an existing function or feature

 A bug fix

The following tickets have been resolved since the last released version of Reconcilor:

For more information on individual cases, please refer to your online guidance, or contact your local support representative.

5.1 Resolved Tickets

Issue key	Issue type	Summary
SM-4555		Quick links date stamp not updating
SM-4557		Custom imports dlls not loaded
SM-4559		Import activity and other import related screens run incredibly slow
SM-4562		HTTPS does not work in 9.5.0
SM-4563		Material movement – Crusher to Plant – Planned dataset error
SM-4565		Material movement – mine plans on Crusher to plant product operation failed
SM-4568		Gold Demo – Pivot view totals
SM-4569		Mass Balancing Service throws error when deleting no data issues
SM-4571		Derived cvc query translation error
SM-4576		Movement ETL not correctly assigning movements to 0 location
SM-4577		Stockpile cube performance issue
SM-4661		Default import queue is in the wrong order