Reconcilor

Release Notes

Reconcilor v9.1

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WHAT'S NEW FOR RECONCILOR 9.1

Reconcilor embeds and integrates the knowledge from our mining engineers, geologists, metallurgists and planners and when it is used to standardise operations across multiple sites, it enables sophisticated analysis and guidance to trouble-shoot and optimise multiple sites.

Snowden's Reconcilor has been developed to deliver this as a COTS (Commercial Off-the-Shelf) offering, with the added potential to enhance or supersede the existing functionality present in earlier versions of the product. Reconcilor assists key stakeholders on site and at head office to quickly see how operations are performing, get early notification of any issues and take action to resolve them.

This is a **major version** update for Reconcilor. It presents a brand-new "Grade Block" module, (naming to be determined by individual Site Administrators) which allows users to compare design, haulage and survey of a distinct grade block both graphically and with underlying material movements. Another major feature of this release is the ability for users to be automatically created and assigned roles using AD groups.

Performance enhancements have been implemented across the analysis and management modules. Snowden is committed to improving performance where required on every Reconcilor release.

NEW FEATURES

Block Module

The blocks module provides users the ability to compare model estimates for each grade block, against survey and haulage movements.

The name of the screens that are listed under the blocks module can be configured in System Settings>Implementation Detail.

An example of custom naming (free text) is shown below:

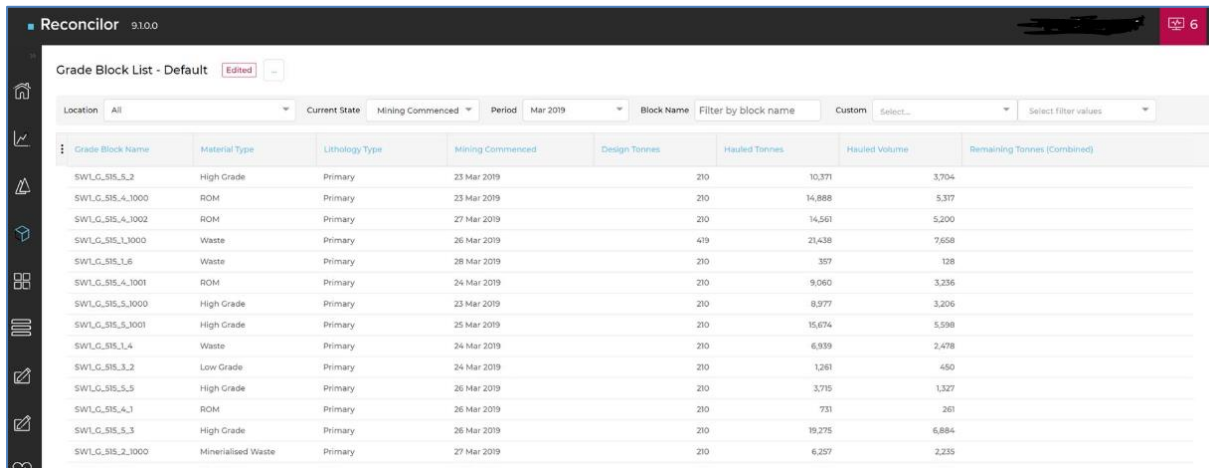The Blocks Module will display directly below the Stockpiles Module on the main menu list.

The Blocks Module can have system changes to it through System Settings / Application Settings / Grade block Settings.
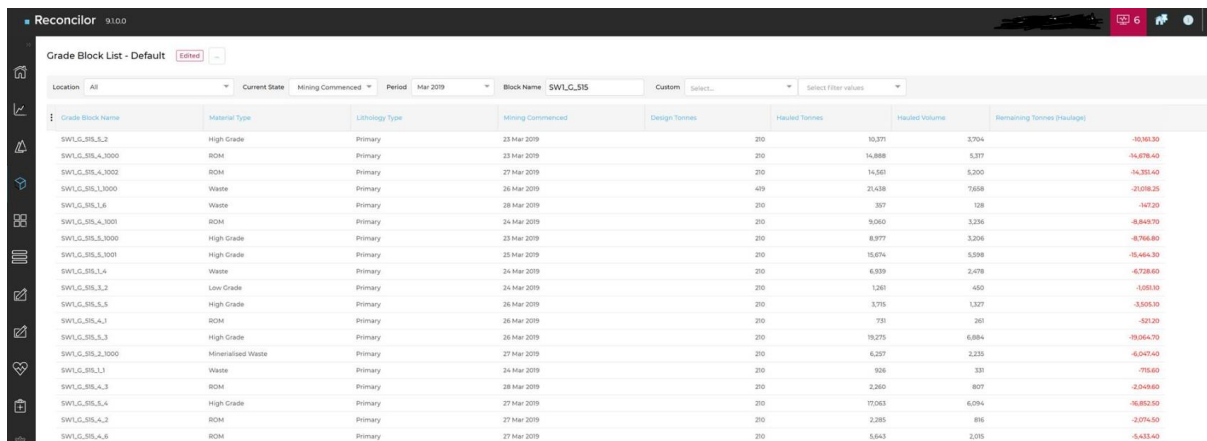
The Blocks list gives an overview of all grade blocks loaded into Reconcilor.

It is a requirement that the filtered along the top of the screen are used to return the grade block of interest. The following filters are available:

Figure 1 Block list returned using Current state, period and partial block name

Figure 2 Block list showing block name and remaining tonnes column

The View Block screen will provide a complete overview of the attributes for one block, the model comparison data for that one block and the mining activity undertaken on that block. It is easy to identify if a block has been under or over depleted on the Mining Activity chart and table.

The Models listed in the Model Comparison table will include all available model types in Reconcilor. The total % of block for each model will always equal 100% but may be grouped by material type or lithology type.

The Mining Activity section (chart and tables), allows a user to define if the haulage grouping is none (haulage will be displayed for each destination per day) , end of month (one haulage total per calendar month) or survey period (one haulage total per survey month).

By viewing the haulage tonnes alongside survey tonnes, it is easy to see if a block has been over depleted or has tonnes remaining on it.

Navigating to the view block screen (**Figure 3**) can be directly from the Blocks Module or the Blocks List screen. When navigating from the Blocks list screen, the user will have a block automatically loaded into the View Block screen based on the selected block in View Block.

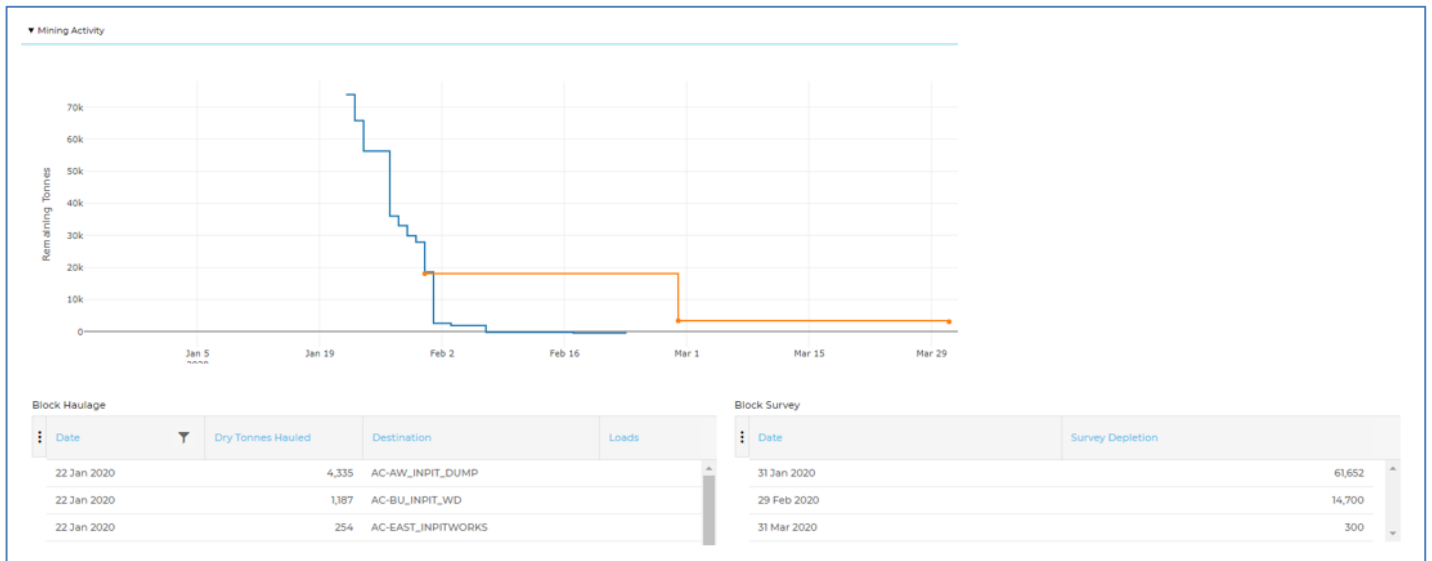The online guidance has been updated for this module.

Figure 3 Mining Activity chart and table on Block View screen

Role assignments through Windows Active Directory (AD) groups including auto-user creation

Site System Administrators can assign Reconcilor roles to Windows AD groups so that user role assignments can be managed externally.

The Windows AD groups will only be available if they have been configured through an API call by Snowden Consultants (**Figure 4**).
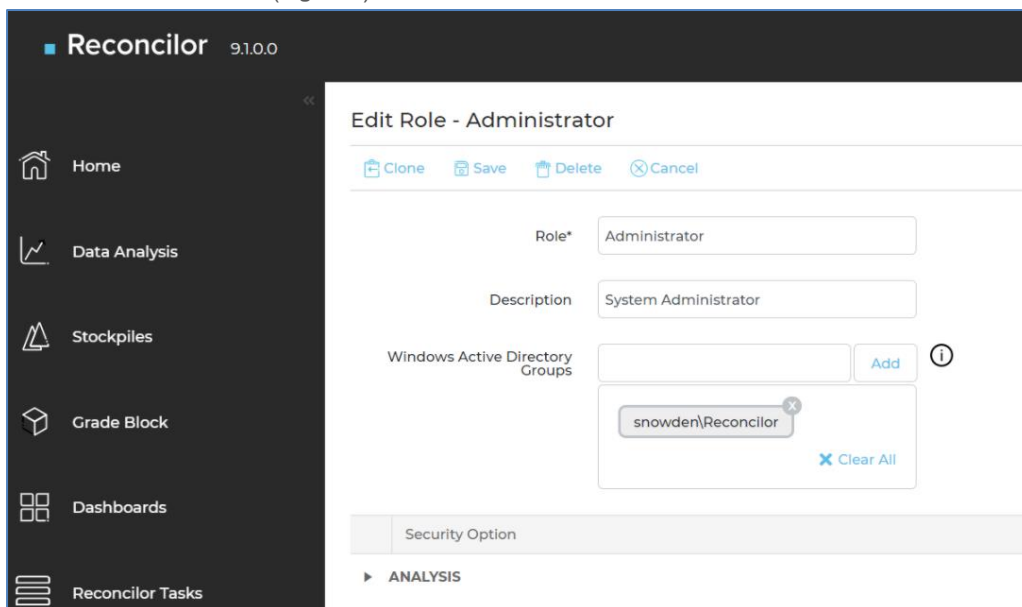

Figure 4 System Settings, Roles

Schedule import jobs with parameters

For any site with multiple source pit / underground locations, there is now the option to schedule an import based on a location. The start date, end date and look back days can also now be defined in the Import Definition Schedule screen.

Figure 5 Import Definition – setting schedules

Allow clients to call specific Reconcilor API's externally

Clients wishing to trigger and monitor imports without the need to access Reconcilor is now available. This will be triggered from a middleware/Integration platform and as such won't be using a username/password

The following actions are permitted:

Figure 6 Reconcilor API's available

ENHANCEMENTS

Continuum now has material type filter

The Continuum has an added filter – material type! This is a multi-select filter and will ensure the ore and waste designations are returning the expected data for your configuration.
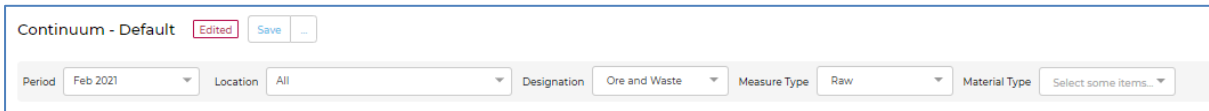
Figure 7 Continuum with material type filter

Material movements crusher to plant diagram dataset filters

A filter has been added to the dataset filters for Stockpiles and Control Points to enable users to specify material movements to or from a selected one of more stockpiles or control points for each metric (**Figure 8**).
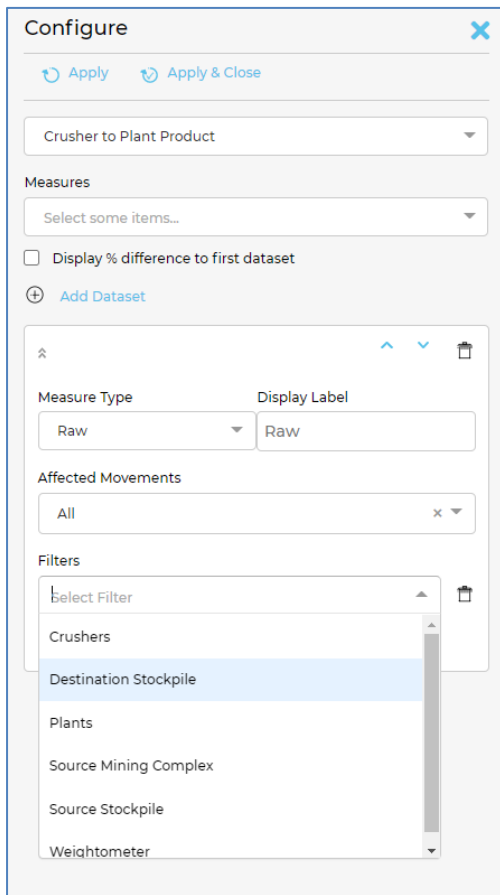

Figure 8 New dataset filters on material movements crusher to plant diagram; destination stockpile, source stockpile and weightometer (control point)

Import configuration rules

Snowden consultants now have the option to modify or "turn off" redundant import health validations. This provides an improved user experience with all import validations being relevant and requiring action. Let us know if there are any validations that are redundant for your site and we will do some configuration around the import health.

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://youtube.com/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 9.1 release version can be upgraded by contacting your Snowden Reconcilor consultant.

RESOLVED TICKETS – RECONCILOR V9.1

A new feature

An enhancement to an existing function or feature

A resolved bug

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.

New feature

ID	Type	Description
SM-1953		Role assignment through AD groups
SM-1956		Schedule import jobs with parameters
SM-1965		Auto-user creation
SM-1966		Import parameter date entry
SM-1967		Import parameter list selection
SM-1970		Grade block screen - configure model comparisons
SM-1971		Grade block screen - model comparisons
SM-2322		Online Guidance - Updated for 9.1 Grade block
SM-2456		Allow clients to call specific Reconcilor API's externally

Enhancements

ID	Type	Description
SM-1710		Continuum - add material type filter
SM-1830		Enhancement: Material Movements crusher to plant

SM-1863		Mining Analysis measure type filter
SM-1928		Stockpile Adjustment Add/Edit - Stockpile Selection
SM-1952		Import parameter default values
SM-1954		Import parameter number entry
SM-1962		Grade block screen - mining activity
SM-1964		Spatial analysis – improvements (to be released in v9.1.1)
SM-1968		Configure import validation rules
SM-1974		Custom import validation support
SM-1978		Import into other database schema
SM-2000		Trends analysis - mine plan sorting
SM-2173		Imports - Allow custom processing of import parameters prior to import run (support look-back parameter)
SM-2174		Reconcilor - storage of Comparison Values should use Bulk operations
SM-2268		Stockpile Analysis - Stockpile filter must dynamically load stockpiles to remain responsive
SM-2282		Imports: Increase size of staging schema columns for source and destination names to 50
SM-2285		Material Movements - support searchable stockpile filters
SM-2302		Crusher Feed & Mining Analysis - Stockpile group filter required
SM-2356		Trends & Model Comparison - x-axis ordering
SM-2538		Online Guidance - 9.1 Data Health
SM-2540		Online Guidance - 9.1 Pivot View
SM-2553		Online Guidance - 9.1 Data Issue and Logging Settings

Resolved Bugs

ID	Type	Description
SM-1804	🚩	Bulk Adjustments doesn't display my previously saved adjustments
SM-1864	🚩	Mining Analysis: Compliance diagram issues
SM-1912	🚩	Stockpile Analysis > Activity chart Y-axis labels display too many decimal places for stockpile balances
SM-1913	🚩	Stockpile Analysis > Activity chart: view a stockpile data with no movements in the selected period
SM-1998	🚩	Site name not displaying
SM-2137	🚩	Block Model Activations screen issues
SM-2148	🚩	Calendar months showing up under wrong year
SM-2152	🚩	Control Points: unable to save a control point location
SM-2154	🚩	Data Overview: filter default value issues
SM-2157	🚩	Data Overview: unable to filter by location
SM-2169	🚩	Model Comparison: issues when filtering by 'Designation'
SM-2171	🚩	Pivot View: Stockpile cube will not export to excel
SM-2211	🚩	Haulage Aliases screen: improve performance when creating a haulage alias for a block
SM-2214	🚩	Continuum waterfall - difference showing at 0 on y axis for quantity attributes
SM-2255	🚩	Stockpile Analysis - closing balance for every shift mappings
SM-2267	🚩	Mining and Crusher Analysis - Shows No Data even when Actual data exists
SM-2289	🚩	Trends/Model Comparison screen: show no model survey data when including model design data.
SM-2290	🚩	Stockpile Analysis - Performance considerations + individual stockpile and table options
SM-2300	🚩	Crusher Feed & Mining Analysis - Stockpiles within multiple groups cause double-counted tonnes

SM-2303	🚩	Data Overview: Period selector value is empty
SM-2304	🚩	Management screens: there are duplicates in the location selector
SM-2314	🚩	System Health Notifications: Last import failed notifications are not clearing as expected
SM-2334	🚩	Stockpile Adjustments: stockpile list field doesn't allow selecting most of stockpiles
SM-2335	🚩	Stockpile Analysis: Closing Balance chart doesn't display data
SM-2337	🚩	Continuum - Horizontal scrollbar disappearing off the bottom of the page
SM-2338	🚩	Resource identifiers showing on Data Health Trends screen
SM-2339	🚩	Material Movements > Crusher to Plant diagram: filter by source/destination stockpile
SM-2360	🚩	Fix trigger on pipeline
SM-2361	🚩	When Adding an import job, if you switch to another job, your default params/rules are wiped
SM-2367	🚩	Stockpile Management - Last adjustment date
SM-2372	🚩	Movements: Grades assigned incorrectly in shifts when average stockpiles end in 0 tonne balance
SM-2379	🚩	Material Movements: unable to export planned datasets (Export All option)
SM-2382	🚩	Location filter - needs improvement on selected data
SM-2384	🚩	Import Schedules cannot be edited through the UI other than hourly or daily
SM-2385	🚩	Import Screens fail if modifying schedule cron expressions to 15 mins
SM-2423	🚩	Import Definitions/Import Revisions: 500 Server Error
SM-2453	🚩	Change the file name for the export-all files in the analysis screens
SM-2459	🚩	Pivot View: 500 Server Error when exporting data
SM-2488	🚩	Stockpile Management - Lithology type and Material type
SM-2505	🚩	Stockpile Adjustments: unable to edit adjustments
SM-2508	🚩	Trends - Filters

SM-2520	🚩	Material Movements: Export all issues
SM-2521	🚩	Pivot view: export issues
SM-2541	🚩	Application Settings: Export
SM-2542	🚩	Application Settings: Data Issue Settings
SM-2564	🚩	User Id required on Import Jobs
SM-2508	🚩	Trends - Filters