

Production Accounting 2.0.1

Release Notes



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Overview

Production Accounting is a comprehensive metallurgical accounting solution tailored for mining, mineral processing, smelting, and refining operations. It addresses key challenges by offering fully auditable data entry, calculations, and approvals. Production Accounting integrates data from various sources, such as assay data and moisture content from laboratory information management systems and mass, flow, or density from process control systems. Its flexible configuration meets diverse site and business requirements, ensuring an accurate, unified view of production data.

By eliminating the inefficiencies of multi-spreadsheet systems, Production Accounting enhances data integrity, enables secure data sharing, and supports informed decision-making. It allows site metallurgists to increase productivity and lower costs by solving processing deficiencies highlighted by concisely presented data.

Further Information

This document includes cumulative release notes for Production Accounting from version 2.0 and later.

Release notes for other versions of Production Accounting are available via the Support Portal <https://www.dataminesoftware.com/support/>.

For the complete Production Accounting documentation, see <https://docs.dataminesoftware.com/ProductionAccounting>.

Get Help with Production Accounting

Online product documentation for Production Accounting is available at <https://docs.dataminesoftware.com/ProductionAccounting/>.

For further information about installing or using Production Accounting, check your contract with Datamine to determine whether site-specific documentation was supplied to your site.

Datamine's commitment to customer service provides our customers with access to a skilled and responsive support team. The global customer support team ensures all customer questions and issues are addressed in a timely manner and escalated as required to ensure resolution.

You should always contact Datamine support if you have an issue. Do not contact individual members of Datamine for support because your issue may not be responded to in a timely manner if that person is unavailable.

If you are a licensed Production Accounting user, you can request support via the:

- Datamine Support Email support@dataminesoftware.com.
- Support Portal <https://www.dataminesoftware.com/support/>

We also welcome feedback about this documentation.

Production Accounting 2.0.1 Hot Fix Release Notes (November 2025)

Functionality

Logsheets

Modern logsheet user interface

This release includes enhancements to the modern logsheet interface to improve performance when working with large datasets.

- Logsheets data is now filtered by **Group**. Groups are high-level categories used to organise data, typically representing key areas of the plant or metallurgical process. For flexibility, data items can belong to multiple groups. The selected **Group** determines which sections and subsections are available in the **Section/Subsection** list.
- The **Default Group** can be configured in each logsheet's module settings.

Note: Configuring groups requires assistance from a Datamine consultant. Please contact our support team to arrange this when you upgrade.

- A default **Number of Preselected Sections** and **Maximum Attributes/Items Allowed** can be configured for each logsheet to make the initial screen load more efficient. These values are defined in the logsheet's module settings and displayed in the user interface via the information icon in the **Section/Subsection** list.
- You can select from the **Section/Subsection** list up to the configured maximum of data items. An item count displays above the list. When the limit is reached, remaining sections and subsections are disabled until you deselect some items.
- When a quarantined data item is rejected, its icon now correctly reverts to the audit icon after the logsheet refreshes.
- Error handling in the modern logsheet interface has been improved to provide clearer and more specific messages.

Configuration

- To enable modern logsheets to filter by group, attributes in the Configuration Design Matrix must have a **Group** defined. Related configuration tools and database upgrade scripts have been updated to include the groups functionality.
- Fixed an issue (introduced in Production Accounting 1.14.0) where deploying a configuration with the updated CalcNet database tables resulted in the loss of discrete unit data.



Production Accounting 2.0 Release Notes (October 2025)

Functionality

User Interface

- The Production Accounting web application and related configuration tools have been refreshed with new Datamine branding. With updated logos, colours, fonts, and improved text contrast, Production Accounting is now more accessible and visually consistent.
- Production Accounting 2.0 lays the groundwork for user interface translation and localisation. Modern logsheets include back-end architecture to enable database-driven translations in future versions. Full translation functionality—covering the wider application UI and language packs—will follow in future releases.

Logsheets

Modern logsheet user interface

This release marks a major milestone in our broader Production Accounting user interface redesign—a more intuitive, modern logsheet experience. The layout and data entry workflows are designed for clarity and efficiency, and work with all data entry and summary logsheets (excluding custom summary views).

- View multiple shifts, dates or periods on one screen by selecting a **Start Date – End Date** range. This makes it easier to review data across periods and to identify trends and anomalies. Up to 100 rows display per view.
- Read-only **Mapped Start Date & Time** and **Mapped End Date & Time** fields show the actual start and end of the selected date range, so the time context is clear at a glance.
- All logsheet sections and subsections load by default for a complete view of your data. You can select from the **Section / Subsection** list to filter to the specific data you need.

- A new **Transpose Grid** setting lets you swap the orientation of the logsheet rows and columns, to view data in the layout you prefer.
- A focused **Edit** pop-up supports more intuitive and accurate data entry with clear validation for numeric values, text and audit comments. Each edit must be saved, to help prevent errors and ensure robust audit trails.
- Your most recent **Audit Comment** pre-fills on the next edit to streamline data entry for multiple values on the same screen.
- **Audit Comment** rules are now more configurable per logsheet. Audit comments can be optional, always mandatory, or mandatory only when changes are made outside a defined time window.
- An enhanced **Audit Log** pop-up brings together **Audit**, **Rejected**, and (where applicable) **Quarantine** information for data values. Clicking the audit or quarantine icon next to a value opens the pop-up already filtered to the relevant view, so it is easier to see who changed what and when.
- Modern logsheets refresh every few seconds with data updates and recalculations triggered by user changes and integration. On-screen notifications indicate when server calculations are pending and when data has been refreshed.
- Column widths are now configurable and resize dynamically within defined limits to optimise the display. When long values are truncated, you can click and drag the column header to adjust the width.

Note: The legacy logsheet interface (used in 1.14.0 and earlier) remains available but may be deprecated in a future release. Configuring modern logsheets requires support from a Datamine consultant. Please contact our support team to arrange this when you upgrade.

Calculation Tracer

- For improved traceability, **Calculation Tracer** outputs for values with a quarantine history now include **Quarantine Accepted by User**, **Quarantine Acceptance Comments**, and clearer labels for **Value** and **Previous Value**.

Reports and Analytics

- This release introduces new analytics and reporting capabilities for improved data visualisation and analysis. With **Production Accounting Analytics**, you can view reports and interactive dashboards that present key metrics, charts, and graphs in near real time, delivering greater visibility into operational

performance.

- The **Data Service Excel Add-in** enables you to connect to the Production Accounting Analytics Data Services and retrieve data for deeper analysis in Excel.

Note: Configuring Production Accounting Analytics requires support from a Datamine consultant. Please contact our support team to arrange this when you upgrade.

Mass Balancing

- The JKMetAccount balance engine's handling of non-numeric values has been improved. *NaN* (Not a Number) values are now treated as null and *Infinity* values are treated as zero.
- For enhanced diagnostics, the JKMetAccount balance engine supports longer error messages.

Configuration

- Error messages for invalid configuration in the Calculation Engine have been improved.
- The **Configuration Editor** now uses the live model list associated with the updated JKMetAccount mass balance engine, ensuring new models and parameters are available during configuration.
- Password handling in configuration settings has been improved to enhance security.

Installation and Upgrades

- The Installation Guide includes activities required to set up Production Accounting Analytics.
- To minimise the storage impact of log files, the Logsheet Service now maintains a rolling log system that creates a new log file each day and retains a configurable number of older log files. The retention period—which defaults to 30 days—can be configured using the **LogsheetServiceLogMaxDays** setting in the `Web.config` file. See **Edit the Web.config file** in the Installation Guide.

- The Logging Service can purge old logs and perform maintenance (reindexing and shrinking) to keep the Services database to a manageable size. The process schedule and frequency are configurable in the **logCleanup** section of the `imslogsvc.exe.config` file. See **Production Accounting Logging Service** in the Installation Guide.
- The Audit Service can purge old audit records for business processes to keep database audit tables at a reasonable size. The process schedule and frequency are configurable in the **processRestartCleanup** section of the `imsauditsvc.exe.config` file. See **Production Accounting Audit Service** in the Installation Guide.

Datamine enables efficient and sustainable mining through the application of world-leading technology and services.

Read the Docs

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