

Centric 2.19

Release Notes



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Overview

Centric is a comprehensive mine information management platform used by supervisors, operators, geologists, engineers, planners, managers, and executives in the mining industry. It integrates existing systems into a unified decision support network, providing real-time visibility of KPIs and operational metrics from pit to port. It delivers sustainable ore accounting, operational reporting, and analytics, allowing users to monitor performance, analyze non-compliance, and take corrective actions. Centric's powerful tools and single source of truth ensure better decision-making and lower operational costs across multiple verticals, from geology to operations and maintenance.

Further Information

This document includes cumulative release notes for Centric, from Centric 2.17.

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

Get Help with Centric

Feedback

As always, we welcome your feedback on our products. To suggest new features that would bring you value and improve efficiency in your workflow, please contact us at support@dataminesoftware.com (subject line: *Centric Feature Suggestion*).

Support

If you experience technical issues with this release, please get in touch via support@dataminesoftware.com and our dedicated support team will be happy to assist you.

Centric 2.19 (April 2025)

The Centric 2.19 official release reflects the core needs and requirements identified through three major projects conducted over the past six months. With Centric's ongoing commitment to the broader Datamine product suite, the service delivery roadmap initially prioritised for version 2.18 has been seamlessly integrated with the feature set planned for version 2.19. This alignment enabled an accelerated, unified release under the Centric 2.19 banner.

This major update introduces substantial enhancements to UI/UX and workflow, along with targeted bug fixes addressing issues uncovered in recent Pentest results. It also includes improved deployment and configuration tools, empowering Datamine's Regional Service Delivery teams to deploy and configure Centric more quickly and easily as part of the Datamine Production Solutions Port to Pit product offering.

UI/UX Enhancements

Multi-column panel layout for log sheets: Panels and grids can now be configured side-by-side in multiple columns to support complex, overlapping operations more efficiently.

Revamped menu and favourites system: Includes updated styling, user-configurable favourites, customisable colour-coded folders, and renamable favourites and folders for improved navigation.

Double-click to edit records: Users can now double-click anywhere on a record to enter edit mode, streamlining form workflows and accelerating data capture.

Multi-select with Ctrl-click and Shift-click: Enables users to select multiple records more intuitively by clicking anywhere on the form rows, not just the checkboxes.

Right-click context menu in forms: Provides quicker access to record actions and form features without relying on the menu bar, enhancing user productivity.

Record copy with customisable column selection: Users can duplicate records quickly and choose specific column values to include in the copy.

Additional keyboard shortcuts: New shortcuts offer faster access to common form functions like Approve, Split, Refresh, and Copy, improving navigation speed.

Quick Filter System: An 'Excel-style' filtering and sorting feature enables more efficient data inspection and management within forms.

Modern DateTime Picker: A unified, intuitive control for date and time fields has been introduced across the application, ensuring consistency and ease of use.

Workflow Enhancements and Features

Record Splitting: Split a single record with a defined date range into two separate records—before and after a configurable split date—enabling better granularity without re-entering similar data.

Record Approval Workflow: Flag specific fields for approval and approve flagged records either directly in the form or via automated email reports, improving oversight and reducing back-and-forth.

Rejection via Email: Records pending approval can now be rejected directly through email, streamlining communication and decision-making.

Microsoft Graph API Integration: Enables advanced notification and subscription email functionality through secure and scalable Microsoft Graph services.

Form-Based Traversals for Flat Forms: Configurable relationships now allow flat forms to dynamically pull in related data from other forms, enhancing context and usability.

User-Defined Form Views: Save and switch between personalised views on forms—including filters, sorting, grouping, conditional formatting, and visible columns—for quicker access to relevant data.

Re-sequencing Conditional Formatting Rules: Change the order of conditional formatting rules to ensure the most critical visual cues are applied correctly, avoiding conflicts.

Conditional Locking and Clearing: Extend conditional formatting to automatically disable and clear field values based on logic defined from within the same record.

Filter Locking and Local Filter Control: Admins can restrict global filter saving to capture-admin users, while standard users can still save filters as part of their own user-defined views.

Deployment and Configuration Enhancements

Copy Conditional Formatting and Layouts: When duplicating a form configuration, filters, sorts, conditional formats, groupings, and user views are also copied—accelerating setup for new forms and ensuring consistency.

Advanced Layout Settings: Control the visibility of menus, header bars, and breadcrumbs to create a streamlined user interface, especially when embedding Centric within other Datamine Production solutions.

Custom Branding Support: Centric can now be styled and themed to align with customer branding or to blend seamlessly with other Datamine Production solutions, supporting cohesive visual integration across platforms.

Security and System Auditability Enhancements

Role-Based API Authentication: Enhanced security through role-based authentication applied consistently across all APIs, ensuring access control aligns with user privileges.

Data Service Access Auditing: Execution history now logs detailed information, including request initiator, timestamps, duration, record counts, parameters used, success status, and any error messages—supporting full traceability and system transparency.

Flat Form Change Tracking: A new UI-driven audit trail allows users to view historical updates to records, showing exactly which column values changed, who made the change, and when it occurred.

Improved Single Sign-On (SSO) Integration: Expanded Azure Active Directory (AD) support enables secure sign-on, access restrictions via Azure AD, and automated provisioning of users, tool permissions, and group memberships based on AD roles.

Conditional Formatting Permissions Control: Conditional formatting creation and modification is now restricted to capture-admin users, preventing unintended changes by standard users and safeguarding visual rule integrity.

Defect Fixes

Centric 2.19 includes fixes for several bugs and issues reported to the Centric Mining Systems technical support team.

Centric 2.17 (November 2024)

Centric 2.17 reflects customer feedback and an ongoing focus on enhancing the user experience with respect to operational data management and reporting. This release is a major update that introduces significant new capabilities, addresses several known issues and includes bug fixes.

Centric 2.17 builds on the strengths of Centric's core to deliver a versatile, feature-rich application for mining enterprises—now with faster time to insight.

Embedded Reporting

A new embedded reporting system allows customers to build their own web-based reports within the Centric product, without having to leave their browser.

This new system is lightweight, easy-to-use, and provides drag-and-drop report creation capabilities, enabling customers to transform data into actionable, beautiful and reusable business reports. The new reporting module complements our existing dashboarding capabilities, allowing for the design and development of pixel-perfect paginated reports, in addition to our live dashboards and drag-and-drop analytics. Report subscriptions are also supported, allowing you to schedule email-based report distribution, with support for popular formats including PDF, Excel, and even PowerPoint.

This new capability represents a fundamental shift in how reporting is done in Centric and continues our mission to make Centric more self-service, save our customers money and create opportunities to expand the value of their deployments.

Mobile / Offline Data Capture

Brand-new mobile data capture capability is now available in Centric. This new application is purpose-built for mobile use cases and includes support for offline data capture. Recorded data is stored locally on the mobile device and is synchronized to Centric when connectivity is available. This initial release allows operators and supervisors to assign activities, track progress and other operational metrics, record delays, and locate critical equipment while underground at their work locations and in other contexts without consistent internet connectivity. This new application works on Windows, iOS and Android.

Gen2 Form System

This milestone has been years in the making: the introduction of a significant new architecture to our browser and form system that we're calling the 'Gen2 Form System'. The Gen2 Form System radically simplifies the build of new data capture forms and movement of captured data through the system to the reporting and analytics modules. The new system also improves form performance across the board, as well as many downstream processes such as ETLs and inventory rebuilds.

With the Gen2 Form System, we've laid the groundwork for a faster, more self-service Centric, and paved the way for exciting future enhancements.

Event-Based ETL

In addition to our existing Scheduled and Incremental ETL capabilities, we've introduced a new Event-Based ETLs option. With Event-Based ETLs, data entered into Centric is automatically added to an event queue and subsequently pushed to the warehouse in near real-time. In simple terms, this means that data entered into Centric is immediately available for downstream use, which enables innovative use cases like near-real-time dashboarding and threshold-based alerting.

Improved Cloud Security and Multi-Factor Authentication (MFA)

To further our investment in Cloud support for Centric, we've introduced support for the Microsoft Identify Platform. This provides an additional layer of protection, requiring authentication with a Microsoft account before any Centric resources can be accessed. This enhancement also enables our customers to leverage multi-factor authentication to better protect their valuable data.

More information on the Microsoft Identity Platform can be found at <https://learn.microsoft.com/en-us/entra/identity-platform/>.

Instant Aggregates – WTD, MTD, QTD, YTD

As part of our focus on self-service and improving time-to-insight, we've examined popular Centric usage patterns and how to streamline them. This work has generated a host of improvements, including a new 'Instant Aggregates' feature. With a couple of clicks, users can now add Week to Date (WTD), Month to Date (MTD), Quarter to Date (QTD), and Year to Date (YTD) calculations to existing expressions. Adding these calculations only takes a few seconds, and they can be used anywhere in the platform—Reports, Dashboards and Data Services.

Performance Enhancements

Over the last year we've introduced significant performance enhancements for audit functions, data capture forms, data services, ETLs, and analytics.

Defect Fixes

Centric 2.17 includes fixes for several bugs and issues reported to the Centric Mining Systems technical support team.

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

Read the Docs

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