



Technical Release Notes – February 4, 2026

This February release delivers a focused set of enhancements and maintenance updates aimed at improving system accuracy, reliability, and clarity across core workflows. This release includes the expansion of Sisense dashboards to improve access to performance, membership, and participation insights. This release also highlights the successful completion of a major backend milestone: **the migration of USA Swimming's Identity Management platform from Ping Identity to Duende Identity Server**. Together, these updates strengthen the foundation of our systems while ensuring continued stability and readiness as we move into 2026.

Developer Spotlight: Dan Lawless - Identity Management Migration Lead

This month, we're spotlighting Dan Lawless, who led one of the most significant backend initiatives in recent years: **USA Swimming's migration from Ping Identity to Duende Software Identity Server**.

This effort was a large-scale, behind-the-scenes modernization that required extensive backend development, deep authentication expertise, and careful coordination across nearly every system that relies on identity and access management. Dan spearheaded the migration end to end, designing and implementing new authentication flows, managing secure user transitions, and ensuring system stability throughout the cutover.

The scope of this work was substantial. Identity Server now underpins authentication and authorization across the platform, providing a more flexible, secure, and maintainable foundation. Dan's leadership and technical execution were critical to delivering this transition with minimal disruption to members, clubs, and staff.

While much of this work does not map to a single feature or task in this release, it represents a foundational investment in USA Swimming's technology stack and positions the organization for future growth and innovation.

Identity Management Platform Migration - Ping Identity to Duende Identity Server: As part of a major infrastructure modernization initiative, USA Swimming completed the migration from Ping Identity to Duende Identity Server, a modern and highly customizable identity and access management solution.

In addition to strengthening the backend identity framework, this migration delivers tangible improvements to the day-to-day user experience. **Users can now remain logged in for longer periods, reducing the need to repeatedly authenticate or re-enter multi-factor authentication (MFA) during the week.** This results in a smoother, more consistent experience across USA Swimming platforms.

This migration delivers:

- Easier child login process with parental verification
- Greater flexibility in authentication and authorization workflows
- Improved security controls and role-based access management

- Customizable login flows that better support members, parents, staff, and vendors
- A scalable identity foundation to support future platform and integration needs

This work represents a significant backend achievement and a critical step forward in modernizing USA Swimming's core identity infrastructure, improving both security and usability across the platform.

Officials Tracking System (OTS) - Enhancements Phase 2: Enhancements were made to the Officials Tracking System to improve visibility and accuracy of certification information. The Official Member Card was updated to provide clearer insight into an official's qualifications, supporting meet administration and credential verification workflows.

(7920) Updated the Official Member Card to display certification levels.

Background Check (BGC) & Athlete Protection Training (APT) - Non-Member Access Updates: Updates were implemented to improve clarity and access control for non-member interactions with Background Check (BGC) and Athlete Protection Training (APT). These enhancements ensure fee information is displayed accurately and that access rules align with updated eligibility requirements.

(7910) Created a new override fee text field to support updated BGC fee display logic.

(7892) Updated BGC and APT access rules to support revised non-member access requirements.

Learning Management System (LMS) - Course Updates: Updates were made to ensure LMS course content is for the 2026 season. This release includes updates to required education materials, specifically, the Coach's Advantage Tutorial (CAT), the Coach's Advantage Tutorial course provided by USADA, to support ongoing compliance and training requirements.

(7991) Updated the Coach's Advantage Tutorial (CAT) course for 2026.

Data Platform Modernization - Removal of swims-dw Reporting Database: As part of the ongoing data platform modernization effort, the legacy swims-dw reporting database was fully retired. This update ensures all reporting and analytics workloads rely on modern, supported data sources, reducing technical debt and improving long-term maintainability.

(7938) Verified that no API connections reference the swims-dw reporting database.

(7939) Reviewed and updated Sisense data models to point to the replicated data source.

(7940) Removed the swims-dw database from Azure.

Maintenance & Minor Enhancements - February 2026

This release includes a set of targeted maintenance updates and minor enhancements designed to improve data accuracy, validation, and member visibility across core workflows.

(7941) Enhanced Times Upload validation in SWIMS by adding checks for name mismatches during file processing.

(7999) Updated the database and API to support the new BGC Disqualifier field.

Reporting Platform Modernization - Transition to Kendo Reports: As part of our ongoing reporting platform modernization, we are transitioning from the legacy Active reporting platform to a new Kendo-based reporting experience. This upgrade improves performance, usability, and long-term reliability, while laying the foundation for future reporting enhancements. The new Kendo reporting platform delivers a more modern and responsive experience, including:

- Faster load times and improved reliability
- A cleaner, more intuitive user interface
- Enhanced filtering, sorting, and export capabilities
- A scalable framework that enables faster delivery of new reports and enhancements
- Better export into Excel

Initial Kendo Reports Being Released: These reports will continue to provide the same core data users rely on today, with improved performance and usability:

(7599) **Individual Times Detail Report:** View individual swim times and splits across Clubs, LSCs, and Zones. Robust filtering supports meet planning, athlete goal tracking, and performance comparisons.

The Individual Times Detail Report replaces:

- Club Top Times Report
- LSC Club Top Times Report
- Group Top Times Report
- USA Swimming Top Times

(7698) **Relay Times Detail Report:** Access relay results and splits across Clubs and LSCs. Advanced filters support relay performance analysis, lineup planning, and comparison. The Relay Times Detail Report replaces:

- LSC Club Top Times Report
- Club Top Times Report
- USA Swimming Top Times
- Group Top Times

(7608) **Competition Detail Report:** Analyze athlete competition activity by season, including highest standards achieved, meet participation, and total swims. Sorting and drill downs help identify engagement and participation trends. The Competition Detail Report replaces:

- Club Athlete Meet Count Report
- HQ Athlete Meet Count Report
- HQ LSC Olympic Trials Qualifiers Report
- HQ Time Standard Count Report
- LSC Athlete Meet Count Report
- LSC Olympic Trials Qualifiers Report

(7670) **Meet Detail Report:** Review Club- and LSC-hosted meet activity in one place, including participants, swims, and represented teams. Filters help identify meets with missing results or upcoming activity. The Meet Detail Report replaces:

- HQ Block Party Meet Summary Report
 - LSC Meet Times Uploaded Report
 - Club Meet Times Uploaded Report
 - HQ Meet Host Report
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Reporting Updates and Enhancements - Q1 2026

This release includes several reporting updates to support athlete development programs, international competition standards, and NCAA data accuracy. These enhancements ensure reports and time standards reflect current season requirements and selection criteria.

(7934) Delivered the 2026 Zone Select Camp Roster report (1/16/2026).

(7996) Updated the NCAA Meet Upload Report to improve accuracy and reliability.

(7918) Added 1500m Time Standards for the 2026 World Juniors.

(7907) Implemented 2026 Short Course World Championship Trials time standards (effective 1/1/2026).

Analytics & Dashboards – Sisense Updates: As part of USA Swimming’s ongoing analytics modernization, multiple Sisense dashboards were enhanced and migrated to Snowflake-backed data models. These updates improve performance, scalability, and data consistency while enabling richer drill-downs and more flexible analysis across membership, meet entry, and block party dashboards.

Membership Dashboards

(7747) Refactored the Membership Dashboard to improve structure and performance.

(7748) Updated the Membership data model to point to Snowflake for improved reliability and scalability.

Meet Entry Dashboards

(7744) Refactored the Meet Entry Dashboard to support improved filtering and usability.

(7745) Updated the Meet Entry data model to point to Snowflake.

(8039) Added Person ID to the Meet Entry table through DBT to support enhanced joins and drill-downs.

(8040) Added a Countries by MeetId view pointing to the face medal table to support international reporting needs.

USA Swimming Membership Summary Dashboards

(8047) Added Membership Pacing metrics to support national trend analysis.

(8048) Implemented National-level drill-downs for membership details.

(8049) Implemented LSC-level drill-downs for deeper regional analysis.

(8050) Added National Pacing drill-downs to support longitudinal membership insights.

(7753) Refactored the HQ Club Membership Dashboard for improved structure and performance.

(7754) Updated the Club Membership data model to point to Snowflake.

HQ Block Party Dashboards

(7895) Refactored DBT pipelines supporting the Block Party dashboard.

(7756) Refactored the HQ Block Party Dashboard to improve usability and performance.
(7757) Updated the Block Party data model to point to Snowflake.

These updates further strengthen USA Swimming's Sisense Datahub foundation, enabling faster access to insights, more consistent data across dashboards, and the flexibility to deliver new analytics as stakeholder needs evolve.

Hot Fixes - Q1 2026

Several urgent fixes were applied early in Q1 2026 to address production-impacting issues and ensure continued stability across registration workflows and shared services.

(7924) Updated the OMR Transfer Notice process to correct production behavior and ensure accurate transfer notifications.

(7948) Fixed the organization unit endpoint in Common Services to restore correct data retrieval across dependent systems.

Upcoming Features

New Mobile App: The new Mobile App will see exciting new features, offering improved usability and enhanced member experiences on the go.

New Data Warehouse: A new Data Warehouse initiative will improve data storage, organization, and reporting capabilities, allowing for deeper insights and better decision-making.

Data Hub Modernization Project: Improved performance, personalization, and overall experience of the Data Hub by moving off Sisense, adding authentication-aware views, and modernizing the UI/UX.

Third Party API Vendor Access Project: This feature implements the technical and procedural framework for the new Third Party API system. It will cover the creation of new repositories, pipelines, and services, apply updated security models, and build the necessary endpoints. Additionally, it will support vendor onboarding, establish policies, and deliver both internal and external documentation. The result will be a single, secure, and maintainable Third-Party API ecosystem.