



## SWIFT Portal to Deliver Customizable NAS Data

March 23, 2021



**Hosted this week by the Program Management Organization**

This spring, the System Wide Information Management (SWIM) Program will launch the SWIM-Industry FAA Team (SWIFT) Portal, an interactive information sharing platform that provides customizable, real-time access and visibility into all things SWIM. The SWIFT Portal will update and provide enhancements to the SWIM Cloud Distribution Service (SCDS) (<https://scds.swim.faa.gov/>), which is currently used by data consumers across airlines, airports, agencies and other industries.

“Consumers of SWIM data are going to love the enhanced visibility of this new platform,” said SWIM Program Manager Kristin Cropf. “Expanding upon the existing service will empower our data partners to make better decisions in real time.”



*Michael Pozsgay*

The SWIFT Portal creates a tailored approach for connecting users to SWIM resources. One of the unique features of the SWIFT Portal will be the SWIM Community Forum, where users can pose questions, engage in discussion, and exchange solutions in real-time. In addition to connecting users to each other, the Portal will connect the SWIM Program Office to the users so that everyone can stay informed of system updates and new features as they become available.

The Portal will include the following features:

- **SWIM Data Subscriptions:** Sign up to receive customized SWIM data feeds via SCDS based on user needs.
- **Community Forum:** Interact with members of the SWIM Community and learn more about the latest SWIM news and events. Ask questions and seek answers to common topics.
- **SWIM Service Discovery:** Learn about SWIM products and services that deliver the data users need.
- **SWIM Service Status:** View the current and historical health status of SWIM data feeds.
- **Subscription Level Metrics:** View message rates, bandwidth and other metrics.
- **Help Desk Support:** Have a question? The Portal's Help Desk includes FAQs, ticketing and chat functionality.

“Similar to what the SWIFT forum itself brought to our collective conversation with industry, we really wanted to create a state-of-the-art online forum where SWIM users could interact in real time with the FAA and with each other,” said Joshua Gustin, former Group Manager of Communications, Information, and Network Programs. Gustin continues to be the FAA sponsor of the SWIFT, a forum for information sharing between agency and industry stakeholders — where the SWIFT Portal gets its name.

The screenshot displays the SWIFT Portal homepage with a dark blue header and a light blue sidebar. The main content area is divided into several sections:

- Home:** A navigation menu on the left sidebar with options: Home, Discovery, Subscriptions, Status, Community, and Support.
- News:** A section titled "News" with a date of 4/13/2020. It features a video thumbnail of a man speaking. The text describes the ATIEC Conference and mentions Joshua Gustin's presentation on information services and information security. Below the video, it mentions Damon Thomas, SWIM Implementation Lead, and his presentation on the SWIM Cloud Distribution Services (SCDS).
- Subscriptions:** A section showing "1 Approved" and "0 Pending" subscriptions. A "CREATE NEW SUBSCRIPTION" button is visible.
- Community:** A section titled "Community" with "Recent Discussions" and "Categories". The "Recent Discussions" list includes:
  - STDDS RS Deployment Complete (2/24/2021, 9:52:16 AM | STDDG)
  - Outage Notification - June 9, 2020 (6/9/2020, 3:25:02 PM | Maintenance/Outage Notifications)
  - AD/AP Transition (2/18/2021, 11:56:47 AM | AIM FMS)
  - AD/AP Transition (2/18/2021, 11:52:32 AM | AIM FMS)
  - How to start a great discussion (1/30/2020, 4:30:45 PM | Welcome to the Community!)
 The "Categories" list includes: Community Forum Overview, Welcome to the Community!, SWIFT Community - Rules and Guidelines, SWIFT Portal News & Announcements, Data Services, Other Topics, and All Categories.
- Service Status:** A section titled "Service Status" with a "REFRESH" button. It shows a table of service status:
 

System	Service	SCDS
STDDS	TAIS	✓
TFMS	Flow	✓
TFMS	Flight	✓
SPDPS	SPDPS	✓
AIM FMS	Publication	✓

 A "CONFIGURE" button is located at the bottom left of this section.

At the bottom of the page, there is a "Connect with Us" section with the following information:

- Web: [faa.gov/air\\_traffic/technology/swim/](http://faa.gov/air_traffic/technology/swim/)
- SWIM PO Email: [swim@faa.gov](mailto:swim@faa.gov)

SWIFT Portal homepage

## Increased Efficiency for SWIM's Data Users

The SWIFT Portal will expand upon the SCDS Service Status functionality to provide increased visibility for users to see the status of each SWIM Producer System (e.g., Integrated Terminal

Weather System, Time Based Flow Management, etc.) and Service provided on SCDS (e.g., SWIM Terminal Data Distribution System, Traffic Flow Management System, etc.), a detailed history of each status including a list of past incidents over the last 90 days, and the National Airspace System (NAS) Enterprise Service Gateway status information for approved users. Users will be able to take advantage of this enhanced functionality to troubleshoot issues on-demand instead of relying on technical response teams as a primary source of location and details related to possible service disruptions.

The SWIFT Portal enhancements to the SCDS Data Subscription functionality will allow users to edit their subscriptions rather than deleting the old and requesting an entirely new subscription. This will give users more control over their data and subscriptions, improving usability and efficiency of the system.

“The SWIFT Portal was developed by experts across aviation and information technology to streamline access to SWIM data and provide a cohesive user experience to related resources,” said Michael Pozsgay, SWIM Cloud Services Lead. “They absolutely hit the mark with this new platform and the foundation it will provide for future enhancements.”

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# SWIFT Portal

Discover SWIM and join the community

GET STARTED

On this site, the FAA's System Wide Information Management (SWIM) program provides public access to all things SWIM in a one-stop shop, self-service portal. The FAA invites you to join the SWIM Industry-FAA TEAM (SWIFT) community and explore the data.

## Explore SWIFT Portal Features

- SWIM Service Discovery**  
 Learn about SWIM data products before subscribing. Visit the [NAS Service Registry and Repository \(NSRR\)](#) for service documentation, including service operational context and use case documents.
- SWIM Service Status**  
 Check the current status of SWIM services and client connections to assist with troubleshooting. These insights provide users with information that was previously unavailable.
- SWIFT Community Forum**  
 Connect with the SWIM community, share knowledge and ideas with the aviation community, and learn what is new with SWIM in the News section of the forum.
- SWIM Cloud Distribution**  
 Utilize our cloud platform to connect, consume, and manage your SWIM data subscriptions. This new service offers self-service provisioning, data filtering capabilities, and subscription metrics.

*SWIFT Portal landing page*

## More Information

For more information on the SWIFT Portal, please join us at the following SWIM events or email questions to [scds@faa.gov](mailto:scds@faa.gov) (<mailto:scds@faa.gov>).

- Next SWIM Users Forum – April 15, 2021 from 2-3pm ET. Register for SWIM Users Forum ([https://www.faa.gov/air\\_traffic/technology/swim/users\\_forum/](https://www.faa.gov/air_traffic/technology/swim/users_forum/)) .
- Next SWIFT Event – May 20, 2021 from 12:30-4pm ET. Register for SWIFT 14.

[SWIM \(https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim\)](https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim)

[ATO Minute \(https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim\)](https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim)

[Program Management Organization \(https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim\)](https://my.faa.gov/focus/article-search.html?q=myfaa:ato/swim)

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