SIF Infrastructure Specification 3.7 (global) published supporting greater compatibility, future-proofing & integration

WASHINGTON, DC, UNITED STATES, January 21, 2025 /EINPresswire.com/ -- The Access 4 Learning (A4L) Community is proud to announce the release of the collaboratively developed global SIF Infrastructure Specification 3.7 (global) which is unique in the technical standards world in that it supports data movement via greater interoperability by standardizing 'data and privacy on the wire'.

The SIF Infrastructure Specification is an open standard, which is used globally to enable data exchange, and has been rigorously tested to ensure performance and scalability. This latest release builds on the previous version, introducing technical advances and benefits as follows:

• Move Zone, Context, and Last Message Indicators: Changing how we handle certain data in our system to make sure it works better with major cloud providers. Instead of using HTTP Matrix Parameters, we are moving to using HTTP Header and Path Parameters. This update will improve compatibility and help ensure our services are ready for the future.

• Clarify Asynchronous Choreography Details: Making it easier to understand how the SIF Specification handles delayed responses by updating our documentation. These updates focus on areas like paging, service paths, tracking changes, and special queries. Additionally, for certain types of responses, we will no longer require the 'content-type' header for successful responses that don't have any content. These changes will make it easier to integrate systems and improve reliability.

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>
> *Steve Setzer, CEO, Loop Data*

• Building on Our Previous Quality Release: Further refining documentation and enhancing error reporting to streamline the integration experience.

These clarifications and improvements help implementers better understand and troubleshoot the specification, ultimately delivering a more robust and user-friendly standard. By providing clearer guidance on handling errors and documenting common integration scenarios, the SIF Infrastructure Specification 3.7 empowers technology providers to diagnose and resolve issues more efficiently, ensuring smoother data exchange and greater interoperability in the global education marketplace.

New South Wales (NSW) Department of Education (Australia) engaged with the A4L Community on Matrix Parameters limitations within the SIF Infrastructure Specification. A4L Community members promptly responded and resolved this issue, enhancing the SIF OpenAPI implementation. The Department greatly appreciates A4L's support and collaboration, and we look forward to continuing our productive partnership and the use of SIF Specification within the NSW Education integration eco-system.

Steve Setzer, CEO of Loop Data, said "The SIF Infrastructure Specification 3.7 (global) release marks a key success point for the first SIF project to use asynchronous providers. Student information system vendors serving around 100 Virginia school districts now use HTTP Headers and the delayed provider choreography in a two-way exchange to retrieve state testing identifiers reliably and quickly."

To learn more about SIF Specifications, please visit https://data.A4L.org
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