

## **Push Technology Releases Diffusion 6.8** *New features, performance enhancements and bug fixes.*

**SILICON VALLEY, CA, May 12, 2022** – [Push Technology](#), the pioneer and leader in real-time data streaming and messaging solutions, today announced the release of Diffusion 6.8, the Intelligent Event-Data Platform that consumes, enriches, and delivers data among applications, systems, and devices. New features include the Diffusion Gateway Framework, expanded data wrangling calculations and conditionals, and journal logging.

### **Diffusion Gateway Framework**

6.8 provides support for a new integration framework that allows users to write simple applications which can consume data from external data sources and publish to Diffusion topics or consume Diffusion topic updates and publish to external data sources. Such applications can be written without any detailed knowledge of Diffusion or any knowledge of Diffusion clients APIs. Such applications can be easily configured and managed from the Diffusion management console.

### **Topic views calculations and conditionals**

Diffusion's data wrangling capabilities continue to grow with the introduction of the new 'process' transformations within topic views. The process transformations allow calculations to be performed upon input JSON values and the results 'set' as fields in the output JSON. Removals are also supported. Diffusion also supports conditional processing that allows for reference topics to only be generated if specified conditions (based upon the input JSON value) are true. Conditions and calculations can be combined so that output fields are set to different values depending upon conditional statement with corresponding calculations.

### **Journal logging**

In 6.8, observability is enhanced with the introduction of a journal log. This is a new optional log which can log significant events such as API calls to a separate log, recording timestamps and the originator (principal) of the event. This is useful for audit purposes and for tracking API usage. Its use is optional and is configurable to allow the specification of the exact events to be logged.

Other notable enhancements include:

- **Individual topic view retrieval:** retrieve a single named topic view using a new `getTopicView` method available in all SDKs.

- **Metric collector improvements:** group topic metric collectors by the number of path segments following the selector path prefix. This allows metric collector granularity down to individual topics if required. There is also now the option to limit the number of dimensions created by a topic or session metric collector. This prevents problems that might occur when selecting very fine granularity.

Andréa Skov, CMO of Push Technology, said: “Organizations are seeking strategies to shorten development timelines, reduce costs and get to market before the competition with their event driven, applications. With the new Diffusion release, we continue to support these objectives. Using our platform, development teams can take a low-code approach to building next generation event-driven applications which are critical to their digital transformation strategies.”

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### About Push Technology

Push Technology pioneered and leads the market in real-time, event-data streaming and messaging solutions that power mission-critical business applications worldwide. Push’s Diffusion Intelligent Event-Data Platform is purpose-built to simplify and accelerate event-driven, real-time application development, reduce ongoing operational costs, and speed time-to-market. Diffusion consumes raw event data in any size, format or velocity; enriches event data dynamically in-flight; and delivers event data reliably and at massive scale with secure, fine-grained, role-based access control.

Leading brands, across industries including financial services, transportation, energy, retail, healthcare, eGaming, and Internet of Things companies, use the Diffusion Intelligent Event-Data Platform to drive customer engagement, fuel revenue growth, and streamline business operations. Diffusion is available on-premise, in-the-cloud, or in hybrid configurations, to fit the specific business, regulatory, and infrastructure requirements of the event-driven applications operating in today’s everything connected world. Learn more at [www.pushtechnology.com](http://www.pushtechnology.com).