



## What's New 'Cliff Notes'

### IBX SmartView 2021.1.1

IBX SmartView 2021.1.1 release delivers a set of new features enhancing the IBX SmartView capabilities.

#### Good Data Quality Indicator (DQI) for System Alerts

This release takes into consideration the Data Quality of readings while processing data for System Alerts. Only readings with “Good” Data Quality will be considered valid for triggering or clearing System Alerts. If a data point falls below the alarm threshold or meets the alarm threshold with an “Uncertain” or “Bad” data quality, the activation or clearing of the System Alert will be suppressed. This will reduce notifications of any false alarms.

See [Data Quality of System Alerts](#) for details.

This release also includes updates to the below APIs to access additional functionalities:

#### Near Real-Time (NRT) Streaming API supports PUSH method

In this release, the NRT Streaming API supports the PUSH method for those who do not wish to use the public clouds that Equinix supports, but have their own cloud and can provide a target URL to which DCIM data can be sent. This allows many enterprise customers to build their own multi-cloud hybrid solutions and enables them to receive the DCIM data through a web server and database.

#### NRT Streaming API supports DQI

This release introduces a new field called **dataQuality** in Streaming API. It offers the DQI of data points and alerts (system and custom) as part of the data itself. This is used to ensure and inform the API client that the data for DCIM assets is valid and col-

lected reliably. The addition of DQI provides transparency regarding the quality of received data.

## **NRT Streaming API supports Store and Forward Indicator (SNFI)**

This release introduces a new field called **messageRetried** as the SNFI in Streaming API. It is used to communicate if the DCIM data is actually near real-time or delayed and sent at a later time due to a disrupted connection through the NRT channel. If the connection between the subscription client and publisher has an issue, the publisher uses the Store and Forward (SNF) mechanism to store the message on the publisher's side. Once the connection is re-established, these stored messages and NRT events are sent to the client after the established connection time. The data sent later because of the SNFI method is marked, as they are not NRT data anymore, compared to other normal data.

Your API applications can make business rules and decisions based on DQI and SNFI to improve data transparency and solution efficiency.

See [NRT Streaming API](#) for details.

## **Subscription API supports multiple subscriptions per organization**

With this feature, you can now create one or more subscriptions within your organization. This supports multiple NRT subscription topics with the same customer account, offering flexibility to use several subscriptions to the NRT channel and easily manage your API applications.

See [Subscription v2 API](#) for details.