

2. Velocity

Date: 2023-4-25

Status

Accepted

Related to [12. Forward Thinking Telemetry](#) Related to [9. National Weather Service](#)

Context

ArcGIS Velocity provides a new, cloud-native, real-time data ingestion and analysis capability which provides information for the Snow Plow Portal. It is used to locate and track snowplow vehicles to identify which roads have been serviced.

Decision

DxHub/San Bernardino County decided to implement ArcGIS Velocity for the first time in the County.

Consequences

In regards to the Forward Thinking Systems (snow plow vehicle GPS feed), a token needed to access the API feed. However, the token will expire on April 18, 2024 and will be needed to be updated every year. With ArcGIS Velocity's real time data, this information should not be made available to the public. Giving citizens this information can endanger snowplow drivers and create hinderances on their job.