

Spring NEARC May 19, 2020

Session: IoT

Q: Is there GCP support?

A: GCP is currently not supported - we've not heard a lot of requests for it. If you have a specific use case, could you send it to the Esri Boston Office staff and we can share it with the product team.

Q: Are there publicly available event feeds you would recommend for students to play with in ArcGIS for IoT?

A: There are some tutorial (non-live) feeds available, in the documentation. The [create a feed](#) documentation page walks you through creating a feed using [Marine Cadastre AIS data](#)

A: Subscription to Analytics for IoT is needed to access. There are not evaluations available at this time.

Q: is Analytics for IOT included in AGOL or is there an additional cost for this application?

A: Analytics for IoT is an add-on to ArcGIS Online, so there is an additional cost.

A: AIoT is an annual subscription tied to an organization's ArcGIS Online subscription

Q: Is it possible to integrate social media feeds with IOT feeds?

A: Yes, there are ways to bring in social media feeds, via various feed aggregators

A: Documentation on data sources here: <https://doc.arcgis.com/en/iot/ingest/what-is-a-data-source-.htm>

Q: Are there any tools to monitor the costs associated with running these IOT analytics? Are credits used to facilitate the processing done by the IOT platform?

A: Some best practices here for planning capacity: <https://doc.arcgis.com/en/iot/reference/best-practices-for-organization-administrators.htm> AIoT can be scaled to an organization's needs by adding compute or storage capacity.

Q: Is there a trial version / trial period of IoT so we can show managers?

A: There is not a trial version available at this time, since it is a SaaS offering. We have video demonstrations.

- [Introduction to ArcGIS Analytics for IoT](#)
- [Create a Feed](#)
- [Construct a Big Data Analytic](#)
- [Design a Real Time Analytic](#)

Q: Connectivity speed has been so variable with everyone trying to work from home these last few months. I can't tell you how much time I have spent waiting for a simple screen to refresh. All of these new online tools look great, but I can already envision the frustration involved in waiting for them to work. Is there a way to easily scale applications to available bandwidth so they don't waste time trying to load/run things that just aren't realistic?

A: Specific to Analytics for IoT, it is run in the cloud and is very scalable so the processing will not be an issue.

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Q: Does IoT require ArcGIS enterprise?

A: IoT is only available as part of ArcGIS Online, it is not currently available with Enterprise.

A: There are analogs to AIoT in ArcGIS Enterprise which are GeoEvent and GeoAnalytics Server

Q: Does Analytics for IoT work on credits like AGOL?

A: It doesn't use credits like ArcGIS Online,

A: Not exactly. It does provide scalable subscription based on computing requirements, but it does not use the credits specifically associated with ArcGIS Online. Those credits would continue to be used for functions in ArcGIS Online, in parallel with AIoT