Utilizing Operations Dashboard for ArcGIS

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ESRI Utility Users Group

Operations Dashboard for ArcGIS

- ## *What is it:*
  - *A free Windows or browser application created by Esri that is used to monitor activities or events, track field work, and assess the status of daily or on-going business operations*

- ## *What you need:*
  - *Download Operations Dashboard (click-once application)*
  - *ArcGIS Online Organizational Account*
  - *Data Requirements: must be hosted on AGOL or ArcGIS 10.1 for Server or later*

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Operations Dashboard - Capabilities

	Windows Desktop	Browser
Create operation views	✔	
Use operation views	✔	✔* * Single display operation views
Work with Portal for ArcGIS	✔	✔* * Portal for ArcGIS 10.3 or later
Extensible	✔* * Supported in ArcGIS Online	✔* * Extensible using the ArcGIS API for JavaScript * Supported in ArcGIS Online
Use map services as data sources	✔	✔
Search data	✔	✔
Filter information spatially	✔	✔
Support for stand-alone tables as data sources	✔* * Currently as external data sources	✔* * Currently as external data sources
Support related tables	✔	✔
3D view	✔	✔
Workforce management	✔	✔

Operations Dashboard - Widgets

Dashboards are comprised of widgets that allow users to interact and view data in the Operations View

Types:

- *Map*
- *Feature Details*
- *Chat*
- *Gauge*
- *List*
- *Bar Chart*
- *Indicator*

- *Description/Text*
- *Legend*
- *Histogram*
- *Pie Chart*
- *Query*
- *Summary*
- *Custom*

Operations Dashboard at RPU

- **_Electric:_**
  - _Outage Dashboard_
  - _Electric Projects Dashboard_
  - _Inspection Dashboard_

- **_Water:_**
  - _Water Operations Dashboard_
    - _Hydrant Flushing_
    - _Value Operations_
  - _Backflow Inspection Dashboard_

- **_Metering:_**
  - _General Mapping_

Operations Dashboard – Demo

Operations Dashboard

Operations Dashboard – Pro/Con

Pros:

- *Click-once application for easy install/updates*
- *Easy to use/configure*
- *Real-time data summaries*
- *Extensible with widgets – ArcGIS API for JavaScript*
- *Fast*
- *Lightweight*

Cons:

- *Bugs*
- *Costly? Credits?*
- *No mobile App*

Operations Dashboard – Q/A

Questions

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http://doc.arcgis.com/en/operations-dashboard/