



Trimble Unity Work Management ArcGIS Connector



EXTEND THE VALUE OF TRIMBLE UNITY WORK MANAGEMENT WITH ESRI ARCGIS

Trimble Unity Work Management (WM) software offers GIS-centric cloud and mobile solutions to accurately map and locate utility assets and streamline field operations, maintenance and repair activities.

The software provides advanced workflows and smart data collection capabilities to improve work activity planning and management, and field data collection efficiency, accuracy and quality.

The Trimble Unity WM ArcGIS Connector provides the tools that leverage the broad capabilities of the Esri ArcGIS platform to create and share location-aware data visualizations and analytics across the organization using ArcGIS Web maps and Dashboards with data collected and managed in Trimble Unity WM. Providing real-time operational insights, driving operational efficiencies and informed decision making.



Benefits

- ▶ Provide insights for operational efficiencies geospatially within the Esri ArcGIS platform.
- ▶ Quickly create maps and dashboards that combine GIS asset information, with work management data collected in Trimble Unity, then share these maps and dashboards across the organization to drive operational efficiencies and informed decision making.
- ▶ Leverage the full capabilities of the Esri ArcGIS platform to perform spatial analysis that drives informed decision making.
- ▶ Provide native Esri ArcGIS integration without any development efforts.

Prerequisites

- ▶ Trimble Unity Work Management Software
- ▶ Esri ArcGIS Online or Esri ArcGIS Enterprise with Portal for ArcGIS

Usage Examples

Note that these are examples only, usage scenarios are limitless based on the type of information collected in Trimble Unity WM.

- ▶ Create a ArcGIS Dashboard that summarized Key Performance Indicators (KPIs) on a valve maintenance program. These KPIs can include:
 - a. Number of valve maintenance work activities broken by crew and status.
 - b. Number of valves that failed inspection.
 - c. Failed inspections by cause of failure and valve age.
 - d. Average number of valve inspections complete per day per crew.
- ▶ Create a Web map that color codes each asset based on last inspection status.
- ▶ Create a Web map that shows a density heatmap layer based on leak repairs performed on water network assets.
- ▶ Create a publicly accessible Web map that summarises specific outages or events that are managed in Trimble Unity.



To learn more, visit: <https://www.trimblewater.com/trimble-unity-wm>



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