**ESRI connector**

**Description:**

ESRI ArcGIS Aaseya connector connects maps, apps, data, and people in ways that help empower organizations to make data-driven decisions more efficiently. ArcGIS accomplishes this by making it easy for everyone in an organization to discover, use, make, and share maps from any device, anywhere, at any time.

Using Rest API's any system and application can consume different location services provided by ArcGIS.

**Overview:**

**We make the world’s most powerful GIS software**

Esri is the global market leader in geographic information system (GIS) software,location,intelligence, and mapping.

Since 1969, we have supported customers with geographic science and geospatial analytics, what we call the Science of Where.

We make a geographic approach to problem solving, brought to life by modern, enterprise grade GIS technology. We are committed to using science and technology to build a sustainable world.

**Technology:**

ArcGIS is powerful geographic information system (GIS) technology that provides tools to capture, view, edit, manage, analyze, and share data in the context of location. It includes access to thousands of curated datasets and maps that can be explored and leveraged for analysis and insight. ArcGIS can be used in the cloud, on mobile devices, and on desktops to create maps, apps, dashboards, 3D scenes and models, and data science notebooks.

## **ArcGIS is an enterprise technology**

ArcGIS is a comprehensive GIS system, complete with flexible licensing and deployment, a suite of ready-to-use apps, authoritative data, developer tools, a vibrant user community, and robust training and technical support options to fully equip your organization.

**Scalable**

As usage needs scale, ArcGIS scales to meet demand, supporting organizations as data increases in size, complexity, and velocity.

**Secure and private**

Trusted by even the most regulated industries, Esri embeds security, privacy, and compliance into the core of ArcGIS.

**Integrative and flexible**

ArcGIS integrates into key enterprise systems and workflows. It runs in your infrastructure or on cloud providers such as AWS or Microsoft Azure.

**Capabilities of Esri technology:**

### **Mapping**

Spot spatial patterns in your data, facilitate collaboration, and make better decisions. Create, use, and share maps on any device.

Camunda can interact with Esri ArcGIS mapping functionality through the Esri ArcGIS connector, enabling the integration of mapping capabilities into Camunda workflows. Here's a detailed overview of how they interact:

1. **Map Visualization**: Camunda can display ArcGIS maps within its user interface, allowing users to visualize geospatial data and processes.

2. **Task Automation**: Camunda can automate tasks that interact with ArcGIS mapping functionality, such as:

- Creating and updating map layers

- Executing spatial queries and analyses

- Retrieving and processing map data

3. **Workflow-Driven Mapping**: Camunda workflows can drive the creation and updating of maps, enabling dynamic mapping based on business process conditions.

4.**Spatially-Enabled Processes**: Camunda can model and execute spatially-enabled processes, which incorporate geospatial data and mapping functionality into business processes.

4. **Real-Time Mapping**: Camunda can trigger real-time mapping updates in ArcGIS, enabling dynamic visualization of changing data and processes.

