

Spatialize your Business Systems

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- **A quick review of other systems**
- **ArcGIS as a publication system**
- **Different approaches**

Billing and Metering

Customer Service

SCADA

LIMS

GIS

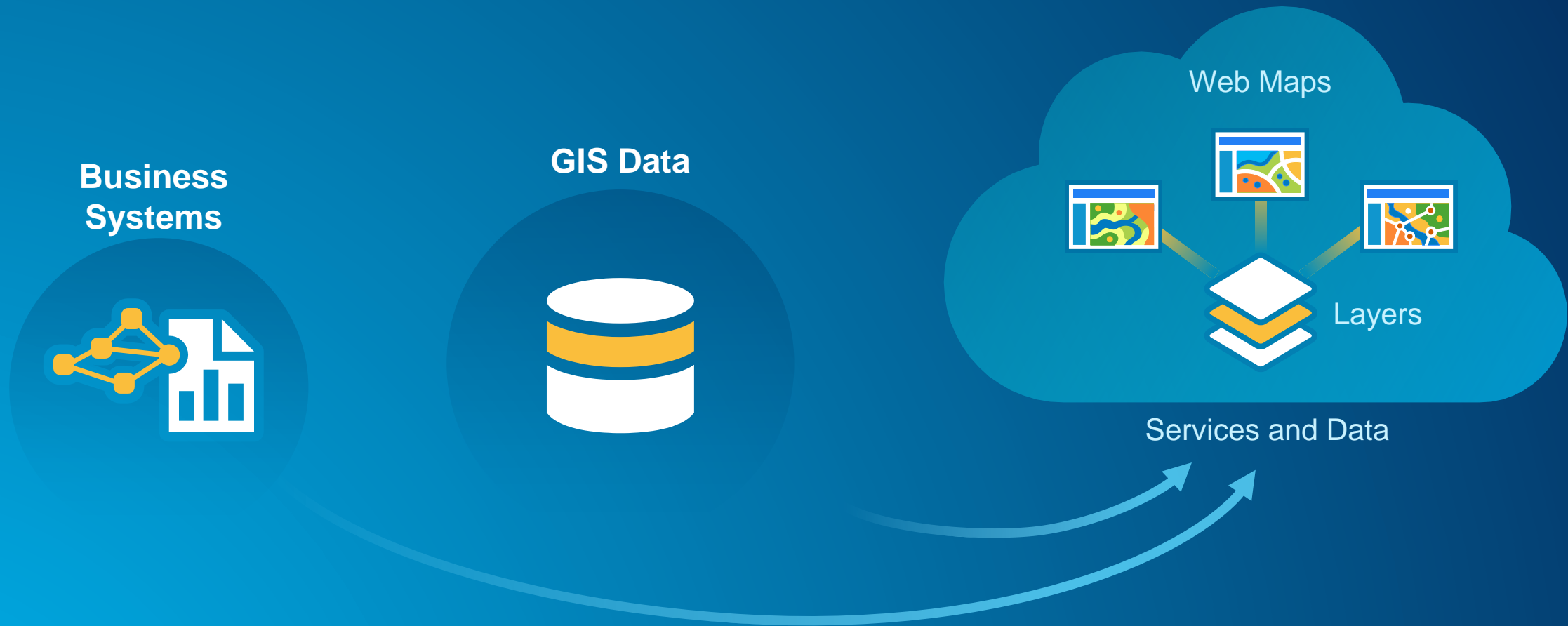
CCTV

AVL

Work Orders

The Business Systems

A water utility has many systems, including GIS



Accessing that Data

Visualizing your data to make it more useful and available

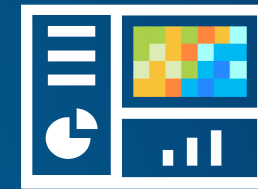
*Authentication
& Sharing*



Native and Web Apps



*Enrichment &
Analysis*



Storage



Visualization



Benefits of ArcGIS

Leverage its key capabilities

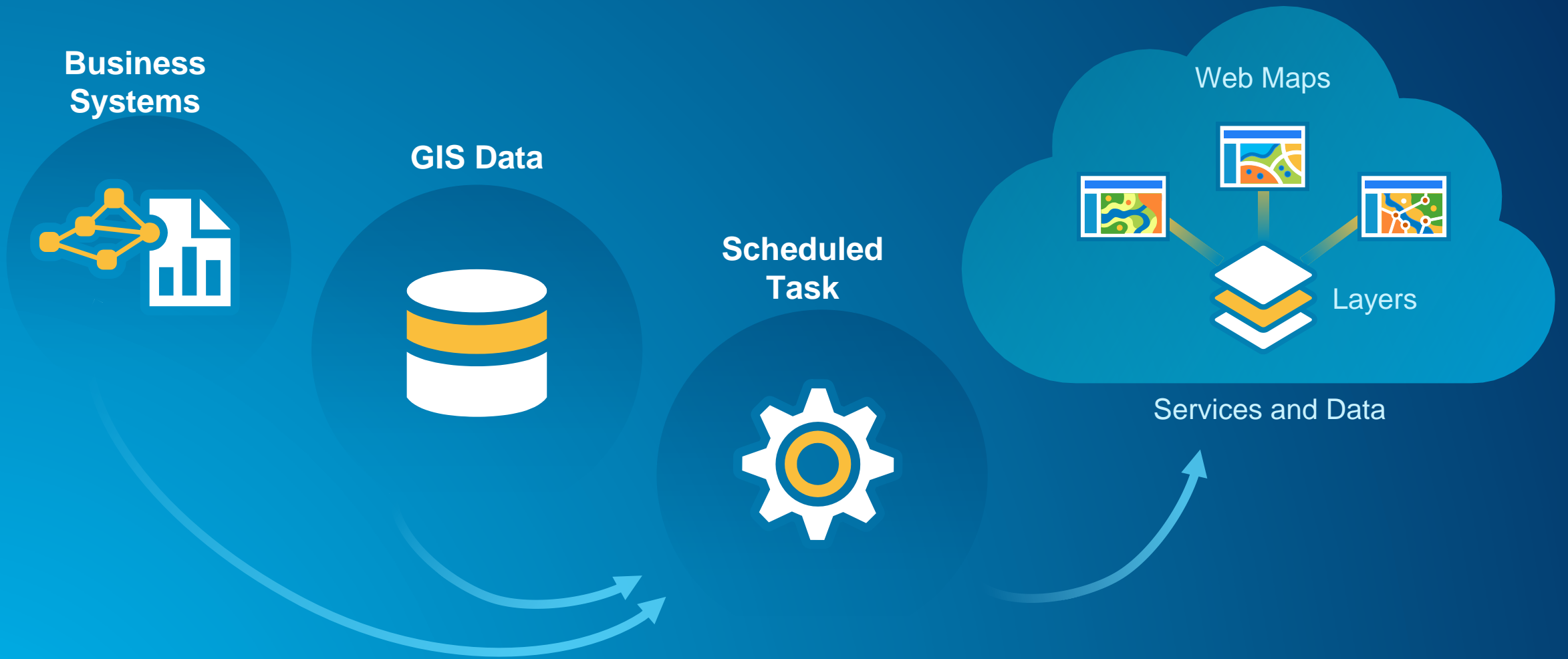


Using an App to create a Map

Manual ETL

Demos

- **Adding an data through the Map Viewer**
- **Using Maps for Office**
- **Using ArcGIS for Desktop and GeoProcessing**

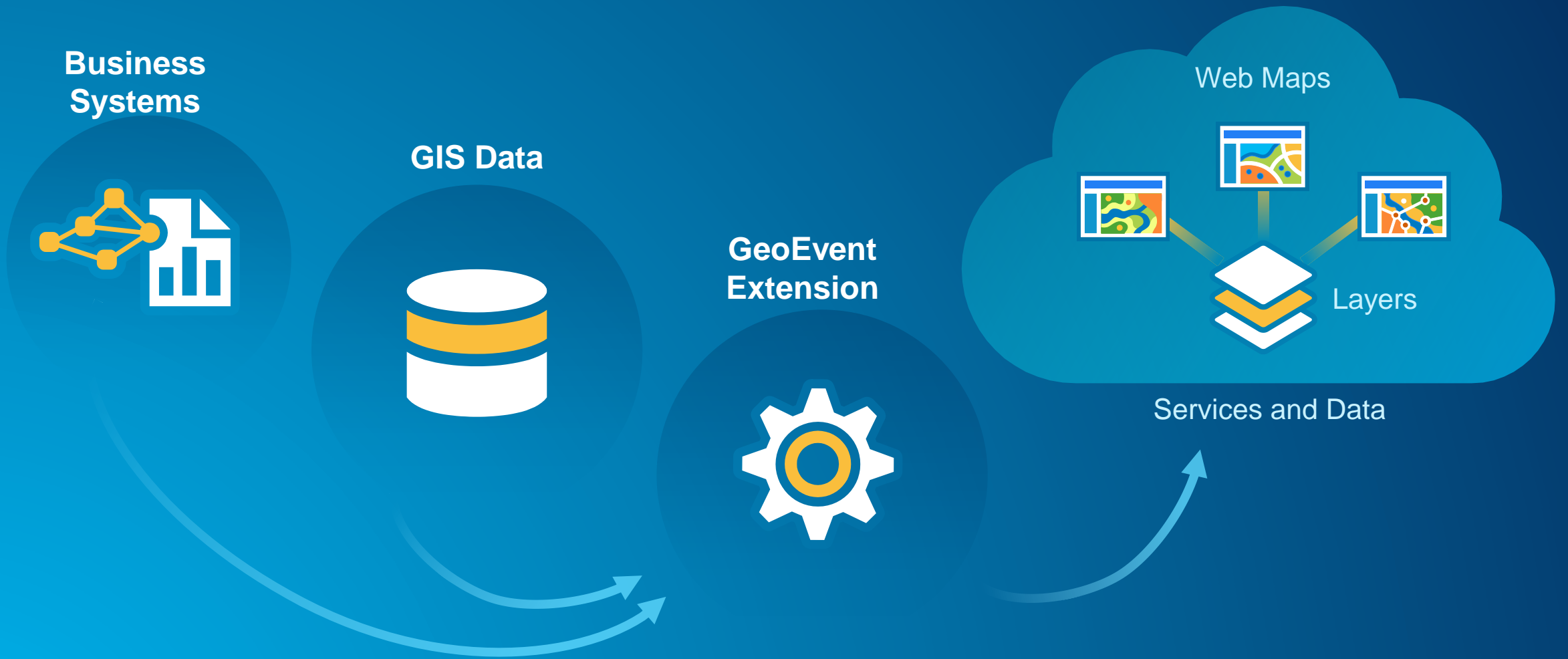


Automating

Using scheduled scripts

High Low Consumption

- **Script to create a map of customers with Low and High Consumption**
- **Maintains a view of the most current info**
- **Historical view for each time script runs**
- **Uses ArcRest to seamlessly generate content in your Organization**



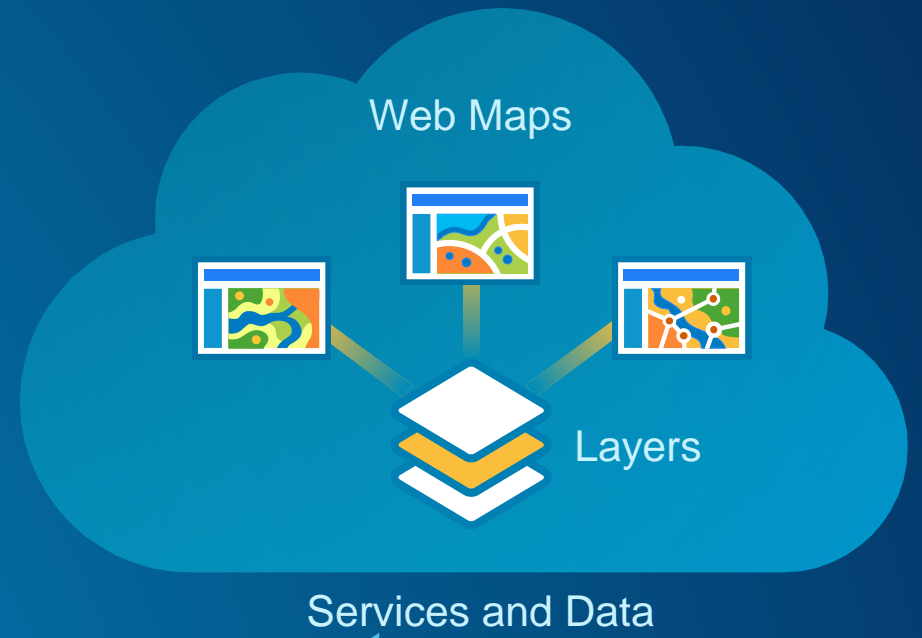
Automating

Using GeoEvent Extension

SCADA Processor > GeoEvent Extension for ArcGIS Server

- Feature services represent the most up-to-date information.
- Archive event data.
- Filter data to focus only on the most critical event data.
- Enrich data with a secondary source.





Direct integration

Using the Rest API

Summary

- **Many benefits from using ArcGIS as a publication tool**
- **Pick the correct option for integration**
- **Empower others to run these task**



esri

Understanding our world.