ENTERPRISE AGREEMENT WITH Esri FOR GIS SOFTWARE

City Council Staff Report

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What is "GIS" ??
(As defined at esri.com)

- A geographic information system (GIS) is a framework for gathering, managing, and analyzing data.

- Rooted in the science of geography, GIS integrates many types of data. It analyzes spatial location and organizes layers of information into visualizations using maps and 3D scenes.

- With this unique capability, GIS reveals deeper insights into data, such as patterns, relationships, and situations—helping users make smarter decisions.

How GIS Works
(As defined at esri.com)

GIS technology applies geographic science with tools for understanding and collaboration. It helps people reach a common goal: to gain actionable intelligence from all types of data.
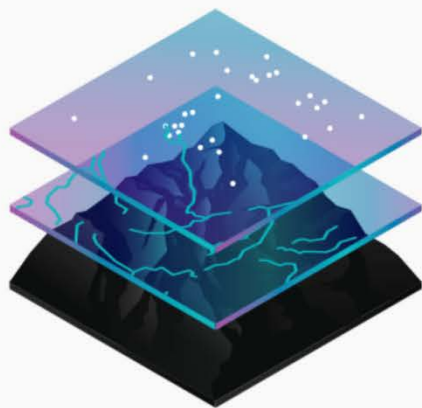
Maps

Maps are the geographic container for the data layers and analytics you want to work with. GIS maps are easily shared and embedded in apps, and accessible by virtually everyone, everywhere.
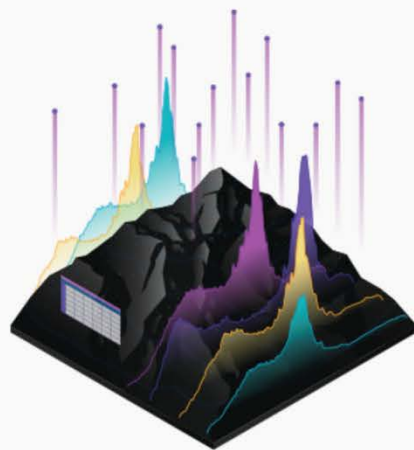
Data

GIS integrates many different kinds of data layers using spatial location. Most data has a geographic component. GIS data includes imagery, features, and basemaps linked to spreadsheets and tables.
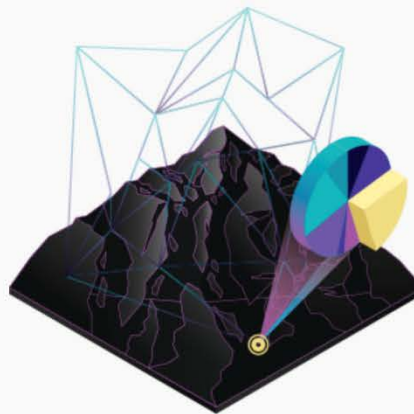
Analysis

Spatial analysis lets you evaluate suitability and capability, estimate and predict, interpret and understand, and much more, lending new perspectives to your insight and decision-making.
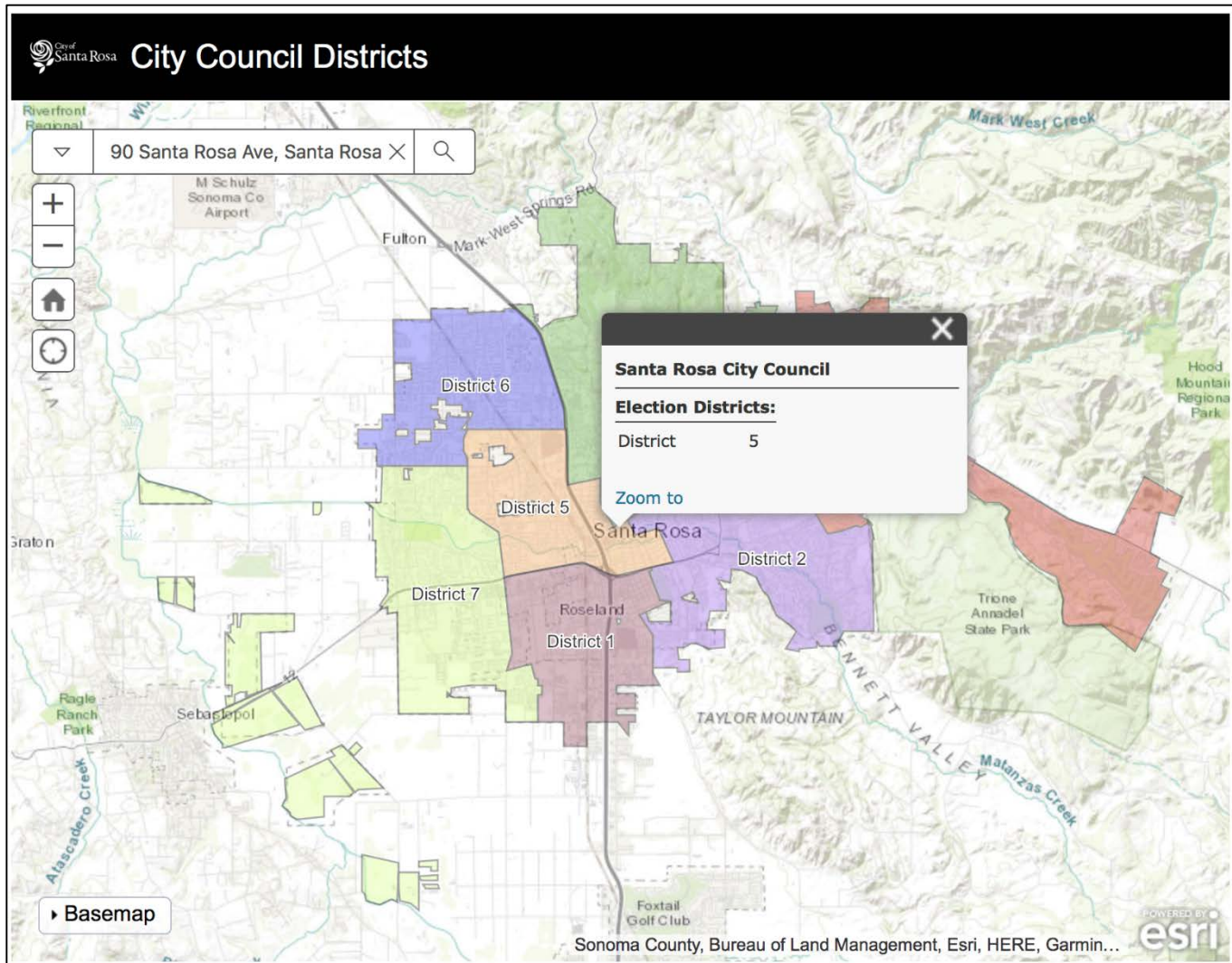
Apps

Apps provide focused user experiences for getting work done and bringing GIS to life for everyone. GIS apps work virtually everywhere: on your mobile phones, tablets, in web browsers, and on desktops.
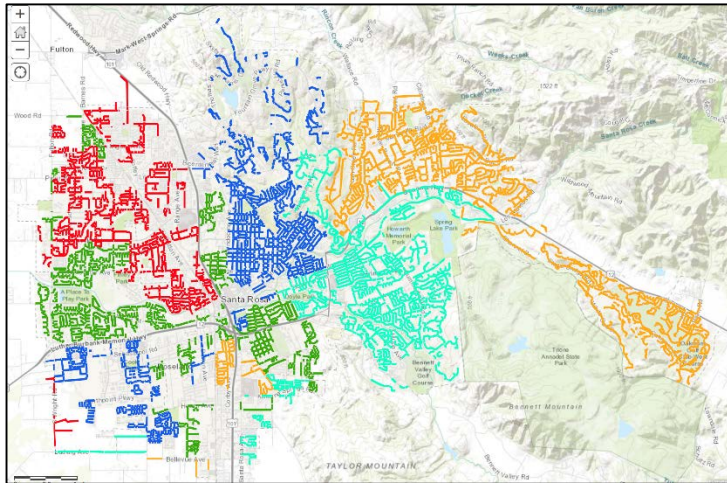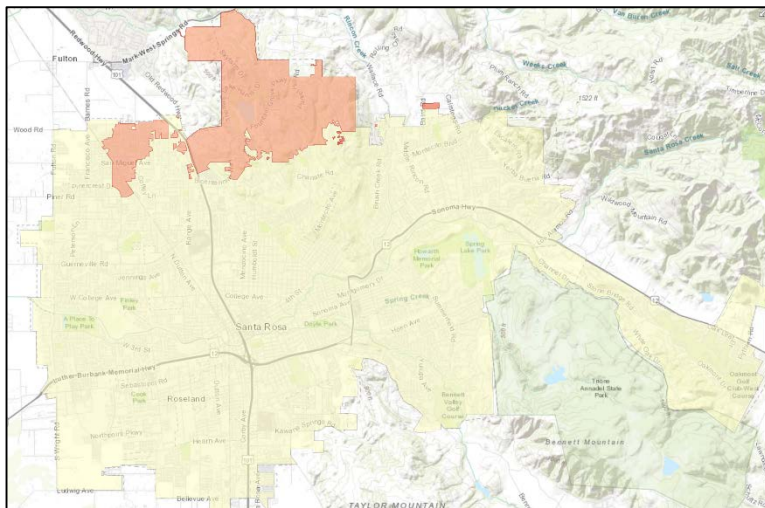
GIS Examples…
City of Santa Rosa
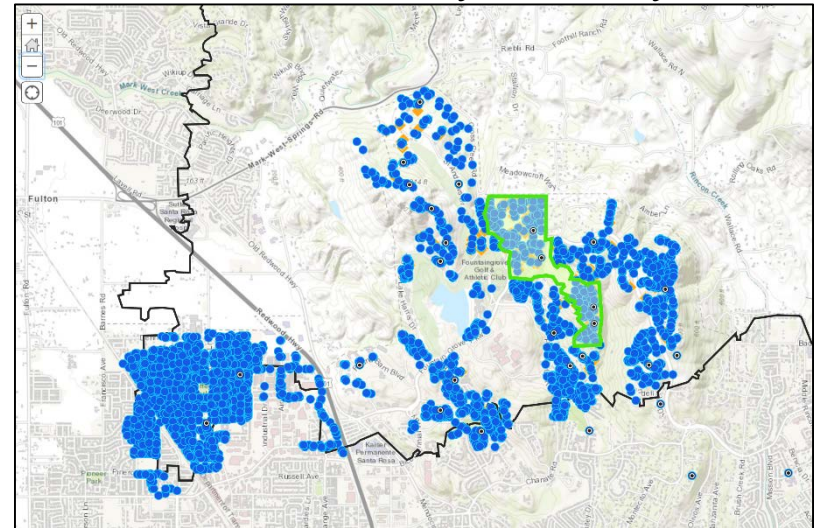
GIS Examples…

City of Santa Rosa

Residential Garbage Days

Water Quality Advisory

Wildfire Evacuation Zones

Building Permits / Resiliency Zones

GIS Examples…
City of Santa Rosa
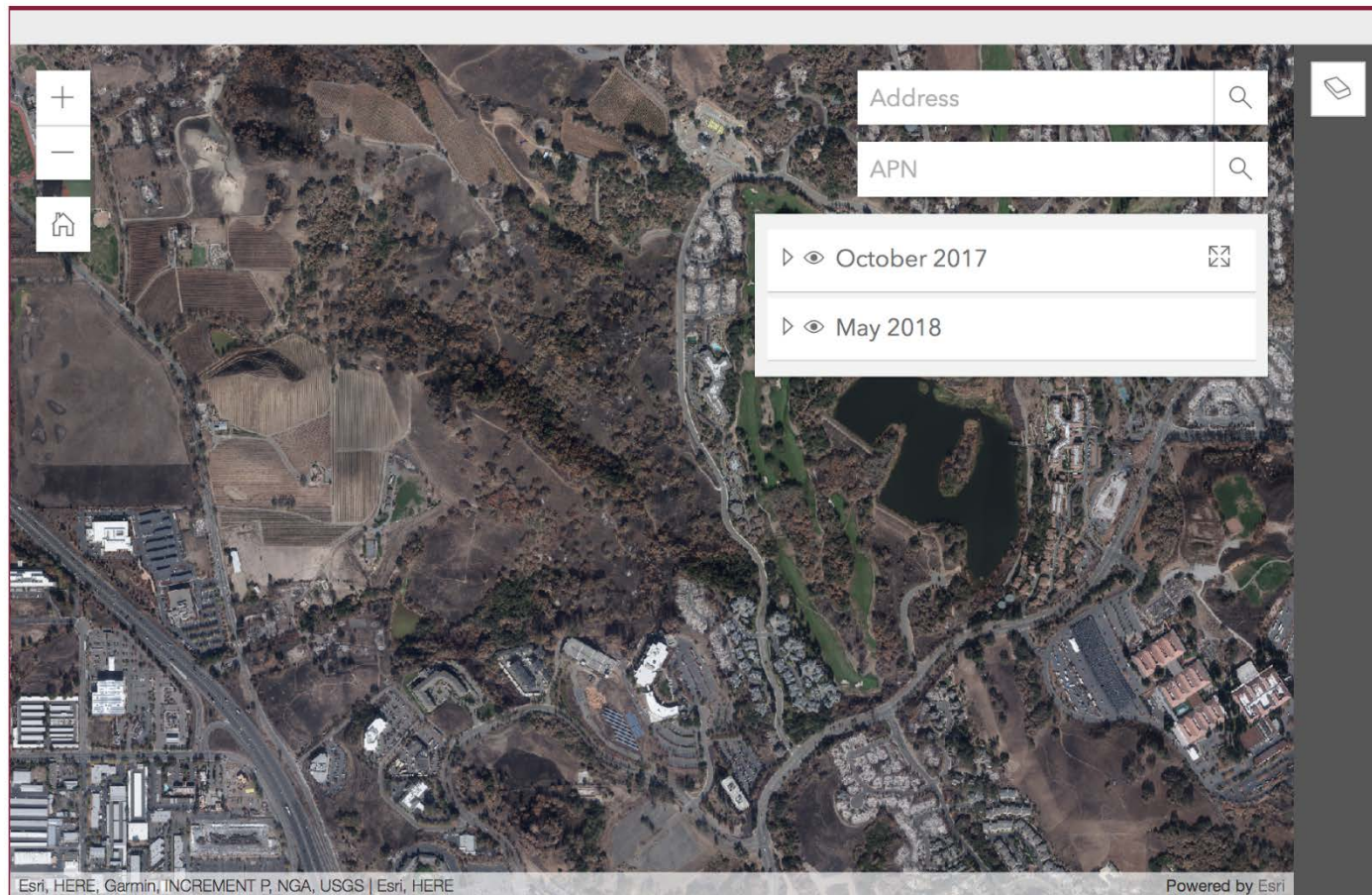
GIS Licensing Objectives

- Reduce overall City spend on software licensing.

- Reduce number of software applications, consolidating where possible.

- Through standardization, focus training and skillsets on a reduced number of applications. Will encourage leverage and reuse.

- Encourage widespread use of GIS tools
  - "Mapping for everyone"
  - Increase sophisticated GIS tools for advanced users.

GIS Licensing

Current licensing structure

- $60,000 annually in a la carte software licenses.
- Each "module" or "app" is priced separately.
- Restricted number of user licenses.
- Challenging and costly to add new licenses and "apps".

Government Enterprise Agreement licensing structure

- $150,000 annually.
- Unlimited users.
- Full access to standard Esri modules and apps.

Overall Cost Reduction Through Consolidation

Current annual expenses:

- $60,000 for ESRI a la carte licenses
- $150,000 for Socrata Performance, Open Data, Open Budget.

Estimated future annual expenses:

- $150,000 for ESRI enterprise agreement
- zero to $20,000 for Socrata (Open Budget, etc)
- Net overall savings: $40,000 to $60,000 annually.

Summary

- Consolidation of two software products will drive focused training and skillsets.

- New Esri "Mapping for everyone" tools plus unlimited licensing will reduce barriers of use within the City.

- Net savings in annual costs.

Questions and Discussion