



## The core Sajara geographic digital asset management software currently provides the following features as part of the package:

- **Multimedia Asset Database Management System** – A web-based digital asset metadata system that enables authorized users to store information about each image, video, or sound including:
  - *Photo ID* (including ID's composed of multiple components)
  - *Collection Name*
  - *Title*
  - *Author* (photographer, artist, composer)
  - *Date*
  - *Description*
  - *Location* (including address, place name and intersection)
  - *Tags* (a topic or category that can be defined by the system administrator)
  - *Condition*
  - *Size*
  - *Photographer*
  - *2 sizes of photograph* (or 2 versions of other multimedia files – the system is not limited to more sizes, but two versions are stored in the Sajara database, while additional, high resolution versions may be stored elsewhere).
- **Asset Geocoding** – each asset's location is assigned a geographic location by using a geocoding service. Sajara is capable of using geocoding services made available by ArcIMS, ArcGIS Server, Google Maps, Yahoo, Microsoft Virtual Earth, and ESRI ArcWeb Services.
- **Geographic Search System** – A web-based tool to search photographs based on keywords, tags, geographic location, neighborhood, and year.
- **Metadata Search** – Metadata fields can be searched by date, keywords, tags, editor, collection id, organizational unit, and other fields.
- **Featured Photo Collection** – These are special photos that can be highlighted by the photo contributor or administrator on the home page or in a Feature Photos section of the web site.
- **Multiple Media** – Sajara is capable of accommodating both imagery and other digital files including drawings, sound, and video.
- **User Authentication System** – Ability for users to register for accounts. Based on the roles assigned to the user, different functionality is available.
- **System Administration Features** – Enables user account management, activity reporting, customized report generation, list management and other administrative tasks.
- **Documentation** – Sajara includes an illustrated user manual in PDF format with detailed instructions on how to use the data entry and geocoding features. This manual will be customized to incorporate new features requested by the DOC.
- **Multiple Collections** – Sajara has been designed to support multiple divisions within a single organization. This enables both metadata and lookup fields to be customized for different units.



- **Multiple Organizational Units** – Sajara supports multiple divisions or organizations in the same database. Each organization may have its own watermark and users in one organization may not edit data associated with another group.
- **Linking Interface** – Sajara has a QueryString interface (GET-based URL interface) for linking from external systems to the Sajara system. This linking interface supports linking by Photo ID, location (including address, intersection, place name and region), keyword, tag and dates. In Philadelphia, this has been used to integrate land records, real estate data, demographics and other historic data to the digital photo collection.
- **GoogleMaps and GoogleEarth Integration** – Sajara supports display of search results in GoogleMaps as an RSS feed and in GoogleEarth as KML files.
- **Configuration System** – Sajara has been developed using the latest .Net 2.0 technology to use Themes and other mechanisms to customize the look, style and vocabulary of the system. The configuration system enables a custom CSS stylesheet, banner, logos and custom text for common terminology and organization branding.
- **ESRI Support** – The Sajara framework supports ESRI GIS products including:
  - ESRI ArcIMS 9.2 or ArcGIS Server 9.2
  - ESRI ArcSDE – Sajara does not require ArcSDE, but it is supported as a data source for map layers.
- **Open Source Support** – The Sajara framework supports map server platforms compliant with the Open Geospatial Consortium's WMS standard including GeoServer and MapServer, as well as Google Maps.