Aumentum Cadastre

Integrated, automated cadastral data management to collect property data, generate maps, and provide public web access.

Aumentum
TECHNOLOGIES

Experienced Team ● Trusted Partner ● Innovative Solutions

USED ALL OVER
THE WORLD

Designed by industry professionals and used all over the world, Aumentum Cadastre provides integration, simplification and automation for cadastral data management

Create and Maintain Integrated Geographic Data

An enterprise information management system with embedded Esri™ GIS technology, Aumentum Cadastre integrates a suite of survey and cadastral management tools that enable you to collect and manage property data, and make that data accessible to the public.

Providing You Rich Functionality

Part of our government revenue management suite, Aumentum Cadastre helps you handle common cadastral related challenges through streamlined and logical business rules that introduce process integrity into survey organizations. It also increases efficiency and accuracy by receiving and processing data from multiple sources. Aumentum equips land information management professionals with high productivity tools designed specifically to maintain large parcel datasets and improve parcel data quality and accuracy over time.

Seamless Integration

Aumentum Cadastre can be integrated with other Aumentum products allowing you to query and collate information that describe different aspects of a parcel record such as: ownership, attributes, valuation and tax history. This provides your staff time-saving means of enquiring, analyzing and reporting against a cadastre. Aumentum automates cadastral business processes ensuring parcel data is shared across product and departmental boundaries. This eliminates data duplication and the possibility of the incorrect description of a property record as it is tracked through the administration process.

Cadastral management applications, enable you to collect property data, generate maps, and provide web access to the public

Aumentum Cadastre Modules

Utilizing OEM Esri ArcGIS Desktop and Server technology, Aumentum provides you a comprehensive solution for creating and maintaining seamless integrated data be they legal, fiscal or environmental.

Editor Module

Delivers workflows for creating and managing property information residing in an enterprise geo-database supporting advanced version control. It includes CO GO (coordinate geometry) data entry, survey geo-referencing, cadastral fabric conflation and adjustment tools to help you capture, integrate and visualize your parcel information. The Editor Module supports ArcGIS Online services providing access to a variety of GIS datasets including Microsoft Virtual Earth.

Server Module

Is a centralized, enterprise spatial data, management application. It includes workflow configuration, job creation and user management tools that deliver intuitive client side job routing and task assignment. The Server Module supports configurable parcel numbering systems and spatial data access services.
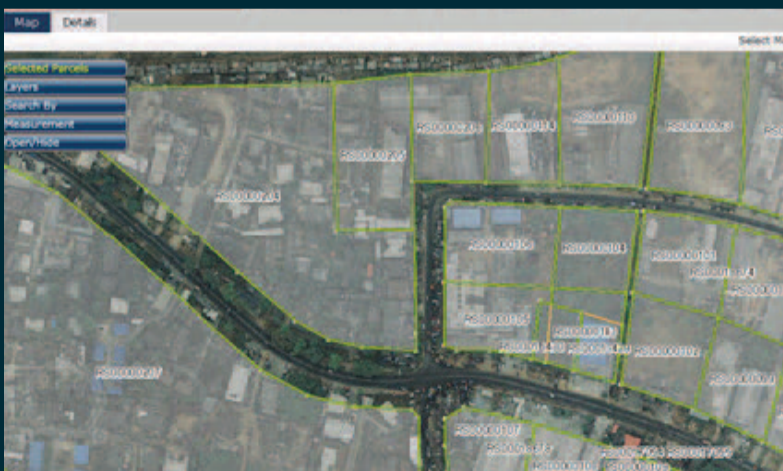
Map Module

Provides advanced display and spatial query and analysis tools to access enterprise cadastral database managed by the Server Module.
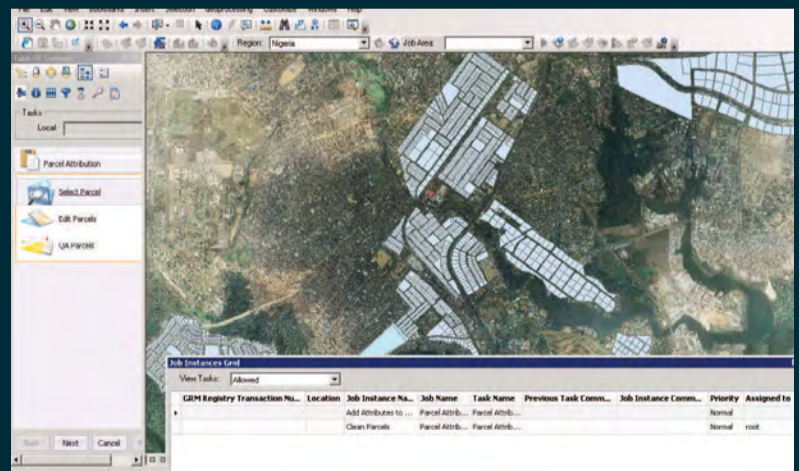
GIS Viewer Module

Easily access your parcel fabric related registry information on land and property rights, as well as scanned documents and images using the simplicity of a web browser.

GIS Viewer Module

Editor Module

Cadastre Features

Improved Efficiency

Transforming and streamlining existing cadastral management processes brings efficiencies. Workflows that provide back office logic to support business processes—shortens processing times and reduces operational costs. Aumentum allows for administrative management of users, permissions, settings, tool-bars, dictionaries and reports, reducing data capture redundancies. Staff inefficiencies and productivity can be tracked through executive dashboards, allowing managers to make better, real-time decisions.

Workflow

Enable system administrators to determine which stage should be completed next and by whom, providing structure and guidance to the often complex business processes faced by survey offices. Workflow tasks are presented as an intuitive sequence of business activities to be completed client-side. In addition, workflow configuration is as easy as dragging and dropping stages nto a visual designer.
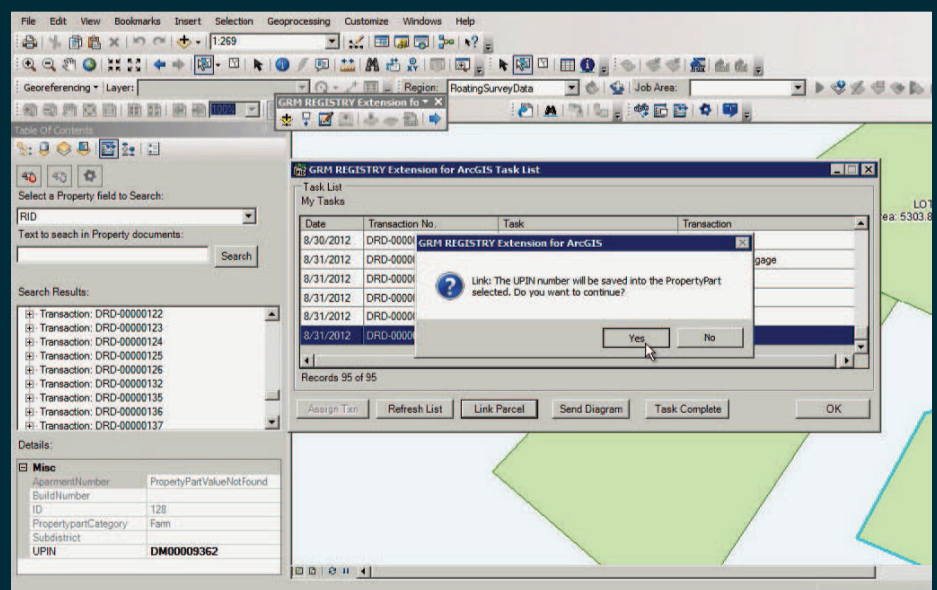
Share Land Records

Data sharing means less data redundancy—collect once use many times. Aumentum unifies the registration of land rights, equitable valuation, improved tax billing and collection around the land parcel allowing you to leverage geographic information for improved planning and economic development.

Integrate Property Information and Land Records

Aumentum delivers a suite of document management and indexing tools for editing, storing, and geo-referencing legal property information with its associated parcel record, linking this with ownership and land rights information in Aumentum.

Integrate Property Information and Land Records

Cadastre Features

Property Integration

Aumentum Cadastre integrates with Aumentum Registry, Aumentum Valuation, and Aumentum Tax to provide a complete solution for land & property information management—providing a framework for a multipurpose to track ownership, planning, taxation and collection.
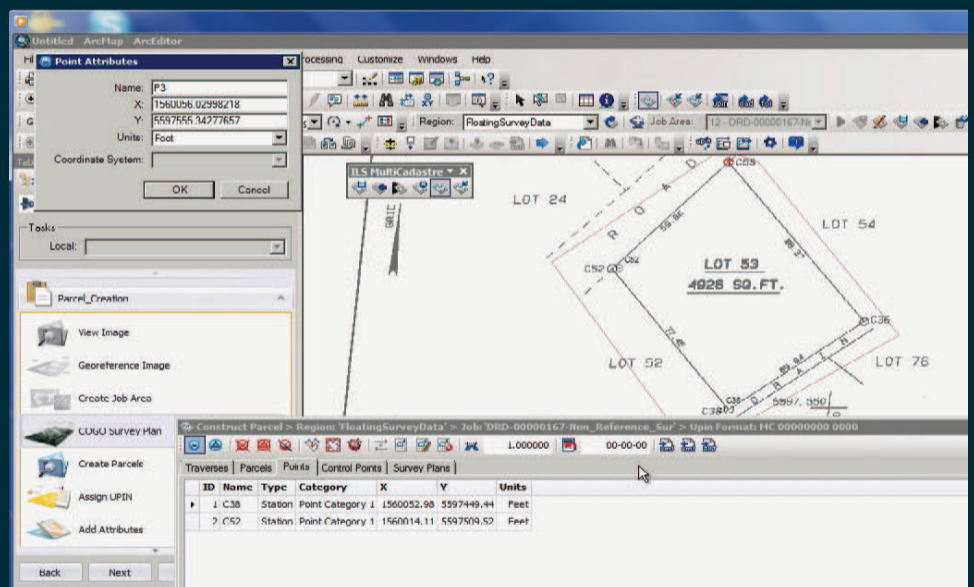
Increase Revenue

Aumentum, through its Valuation, Tax, and Cadastre products help local governments to better assess, manage, and collect property tax as an alternate municipal or government revenue stream.
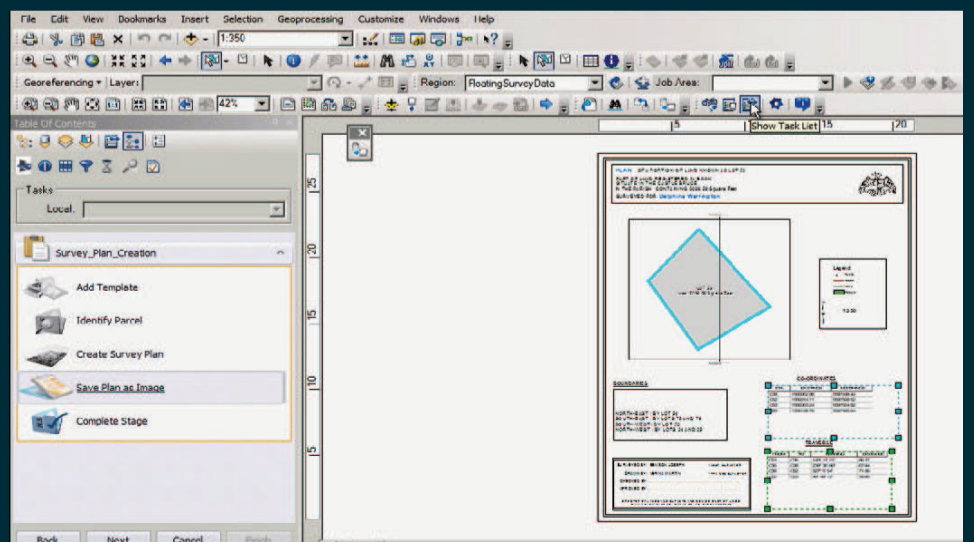
Parcel Data Integration

You can create and manage parcel data and relevant legal property information using extensive geographic editing functions including CO GO (coordinate geometry) and conflation tools. This allows you to improve map quality and property information accuracy over time. Aumentum supports the integration of external data sources including CAD files, GPS data, CSV files, shape files, documents and images allowing you to build a rich spatial database.

Parcel Data Management

Content Sharing

Built-in reporting tools allow you to data mine database content, user activity and parcel histories providing a comprehensive audit trail on system activity and processing history. Parcel information can be shared with the public and government agencies using GIS Viewer Module, thereby improving transparency and web messaging links of Aumentum to third party applications.

Content Sharing

Customer Spotlight
The Bahamas

Pinpoint Geographic Accuracy

In the Bahamas, we designed and implemented a computerized Parcel Information Management System (PIMS) with geodetic network control to assure pinpoint geographic accuracy. Aumentum was used to convert and integrate geographic data for more than 70,000 properties from multiple data sources. This included scanning 10,000 paper maps—topographic, government and crown land parcel, tax, and subdivision planning maps—loading satellite imagery and merging existing databases.

A Return on Investment of 300 Percent

The end result was a complete, accurate, and accessible cadastre for the Government of Bahamas, while also enhancing its ability to share information. In addition, through our geo auditing process, we helped the government add over US-$3.5 million worth of properties previously missing from the tax roll—a return on investment of more than 300 percent.

Partner with Aumentum Technologies

Aumentum Technologies designs, develops, markets and supports a family of tax, valuation and records management solutions for state, county, city and township governments. For five decades our experienced team has focused on developing and delivering state-of-the-art software to our government customers. Through thousands of installations and deployments around the world, our customers have experienced the benefits of effective property administration, valuation, taxation and document recording for their constituents.

Experienced

We've powered over 1,000 government offices with reliable, innovative solutions. With over 3,000 years of combined experience in collective software development, our staff developed the most in-depth tax solution available today.

We're dedicated to continually improving our products with your feedback. Through our user conferences, ongoing training, and innovation labs, we've heard your feedback about how to make our software work for you.

Connecting Virtually

Amplify Users' Group Conference 2020

Held virtually over 3 days, the conference featured 70 educations sessions for 460 attendees from across the globe - making it our most well attended conference to date.

Innovative

Our team of accomplished professionals develops the highest quality software products on the most modern and scalable technology platform.

We put our expertise to work for our customers across the country to help them better serve their consituents.

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