Leveraging Technology to Streamline Local Government Services:
Taking GIS to the Cloud Brings Numerous Benefits

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The recent initiatives to modernize Information Technology (IT), by identifying enterprise-wide common services and solutions and adopting a new cloud-computing business model, has presented government agencies with an opportunity to extend the reach of GIS beyond their current desktop applications. This initiative is intended to help lower the cost of government operations while driving innovation within government; allowing agencies to better fulfill their missions by implementing solutions more rapidly which can foster collaboration.

Cloud Computing is often equated with the concept of a utility in which an organization can leverage a virtual service. With tremendous advancements in bandwidth and internet capabilities, spatial technology can now be leveraged by a much larger audience with simplified sharing and analysis of spatial data. As a result, there is increased productivity with significant cost reduction.

The figure above shows how you can leverage all of the features of traditional GIS systems in the Cloud. Load, edit, analyze and visualize your data with ease and share within your organization.

Digital Map Products (DMP) pioneered the movement of GIS to the cloud and has a host of solutions that enable government agencies to capitalize on these powerful technologies. DMP utilizes the Software as a Service (SaaS) model, effectively providing "GIS as a Service." This provides opportunities for organizations to become more cost-effective, productive and flexible in order to rapidly deliver new capabilities.

Is the Business Case for Cloud Computing just about Cost Savings?

The benefits of Cloud Computing extend beyond the cost savings. Some of the benefits include:

- ✓ Highly automated, no system updates or backups needed
- ✓ Significant to unlimited storage
- ✓ Flexibility , no longer tethered to a network system
- ✓ Easily and quickly implemented in days not years
- ✓ Highly scalable to meet your organization's needs
- ✓ Frees internal resources
- ✓ Best-in-class reliability
- ✓ No hardware to install and maintain

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DMP continues to scale and reinvest in its on-demand IT architecture, data and services so that consumers are consistently provided with a robust, cutting-edge solution. Taking GIS to the Cloud means the size barrier to implementing GIS has been removed. Cloud GIS brings the power of spatial technology to organizations of all sizes.

Features and Benefits of GIS in the Cloud

Increased Organizational Collaboration & Productivity
- The spatial platform is rapidly emerging as the logical place to access, create and analyze enterprise data. With GIS in the cloud, it's even easier to share data within and across departments and data updates can be published to enterprise users in real-time. Cloud GIS lets you shorten decision time frames and enhance decision making ability.

Significant Cost Savings
- SaaS makes GIS affordable for organizations of any size. There are no upfront capital expenditures or unpredictable expense spikes. Realize productivity gains without additional burden to your IT department. Plus, you can scale the system up or down to meet your organizational needs.

Rapid and Simplified Deployment
- Without a system to build and maintain, you can recognize organizational performance gains in days, not months or years. Plus, there's no hardware or software to install. An added bonus is that SaaS products tend to have a much higher adoption rate, and a lower learning curve.

Access to the Latest in Spatial Technology
- With SaaS, upgrades are included in the service, so you never again have to choose between outdated software and high upgrade fees. Also, SaaS vendors can focus more time on innovation and on delivering new features because they don't need to support multiple, old versions of the software.

Effortless Maintenance
- Updates to both your GIS software and data are delivered seamlessly, ready for you to start using immediately. Plus, adding additional users and functionality is as simple as a phone call.

Digital Map Products offers several solutions to help organizations of all sizes realize the power of GIS in the Cloud:

Enterprise GIS System: CityGIS™ is a Software-as-a-Service enterprise GIS application created specifically for local government organizations. It embeds powerful GIS technology in an easy-to-use, web-based tool, so all staff employees can access, create, edit and share spatial data with ease and confidence.
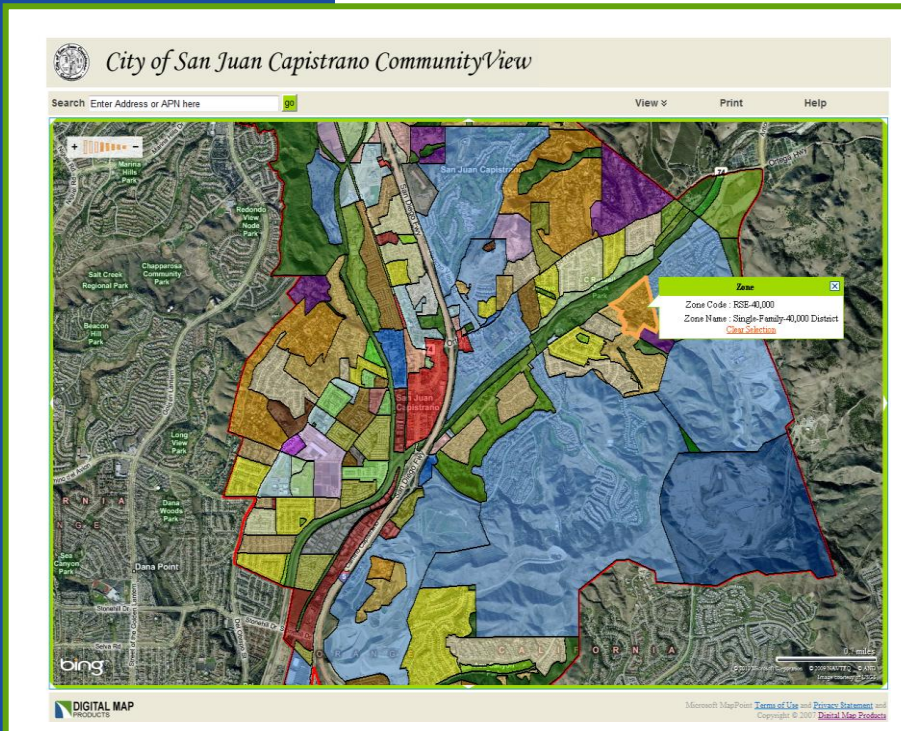
What is "GISaaS"?

DMP utilizes the Software as a Service (SaaS) model to successfully deliver GIS data "On-Demand" and full GIS Capabilities as an end –user application at a fraction of the cost of traditional systems.

Does your GIS include a SLA commitment?

As a leading Vendor in web based services, DMP's subscription service includes a Service Level Agreement ensuring Up-Time and ultimate reliability.

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City of San Juan Capistrano CommunityView

Zone
Zone Code : RSE-40,000
Zone Name : Single-Family-40,000 District
Clear Selection

The simplicity of the CommunityView™ interface provides an easy to use application with on-demand data and robust tools to let users interact with maps, and not just look at static maps.

Publishing of Spatial Data: CommunityView™ is a hosted mapping platform that lets agencies easily publish their unique community and property information to the web for access by their residents. This saves time and money and enhances residents' community awareness.

Regional Data Sharing: The DMP technology platform can be extended to enable data sharing and submission by your cities. This solution enables each city to load, style and submit key spatial data sets, such as zoning maps, to the county and in turn view and analyze published data sets from the county. This complete solution fosters greater data sharing and collaboration within a county, at a fraction of the cost of custom-built systems.

Spatial Solutions for Government
Digital Map Products' spatial solutions take the best of traditional GIS systems and deliver powerful capability in an easy-to-use and customizable tool. It can be rapidly deployed throughout an organization or even across organizations to enable data sharing and collaboration. Plus, there are no upfront capital expenditures or unpredictable expense hikes. Digital Map Products' Cloud GIS solutions are revolutionizing decision making and efficiency throughout government agencies.

About CityGIS™ and Digital Map Products
CityGIS™ is a Software-as-a-Service enterprise GIS application that serves as the logical integration and access point for all a City's GIS and spatial data. Digital Map Products is the leading provider of web-enabled spatial solutions that bring the power of spatial technology to everyday business, government, and consumer users. Digital Map Products' mission is to take sophisticated spatial technology and make it easy to use and implement.

To learn more, visit
www.digmap.com/products/citygis.htm

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