

# Sewall GeoPower™ Portal



## YOUR NEEDS

Municipalities often find themselves in a "data rich, application poor environment." Many have invested in current, accurate data, but find that their access and use of this asset limited. Typically ownership of data is dispersed across municipal departments with little enterprise-wide management. Daily tasks of distributing and publishing maps are often duplicated across the organization, consume valuable GIS staff time, and prevent these professionals from focusing on their core mission.

## SEWALL'S GEOPOWER™ PORTAL SOLUTION

The Sewall GeoPower Portal extends the power of GIS throughout the organization, streamlining data management and its distribution. A hosted solution, the GeoPower Portal provides multiple users web-based access to a centralized, authoritative repository of data. It also provides a powerful and cost-effective framework for GIS application development. Professional GIS users are able to post applications that are connected to the common data set. At the same time, end users can easily access those applications and data sets through a common web browser. Further, e-commerce tools enable consumers to conduct business on-line without interrupting GIS staff.

## YOUR BENEFITS

- ✔ Timely access to consistent, accurate data
- ✔ Data sharing for collaborative decision-making
- ✔ Improved communications across departments
- ✔ Reduced duplication of efforts
- ✔ Distributed web publishing
- ✔ Increased focus on core mission objectives
- ✔ Increased revenues through e-commerce tools
- ✔ Fast, efficient service to the public

For more information on Sewall's GeoPower Portal, contact:  
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# GeoPower Portal

- ❏ **Hosted Portal Solution:** The Sewall GeoPower Portal is hosted in a Tier 1 datacenter providing exceptional Internet connectivity, power management, environmental control, smoke detection, fire suppression, and facility management. Capital expenses for hardware and other infrastructure and IT maintenance are dramatically reduced. The GeoPortal is accessible via a standard Internet browser or through industry standard GIS tools.
- ❏ **Centralized Database:** A centralized database promotes standardization and timely access to an authoritative repository of data. A single database eliminates duplication of effort, improves accuracy, and reduces maintenance costs. Departments with the organization have privileged-based access to a common data set.
- ❏ **Data Package Management:** The Sewall GeoPower Portal allows authorized users to download the desired data package, modify the data using sophisticated desktop GIS tools, and upload the changes to the database. Authorized users have the ability to group data layers into a data package that can easily be downloaded.
- ❏ **User Management:** A comprehensive user management tool allows administrators to create, change, or delete user accounts easily with a granular level of role-based privileges.
- ❏ **Applications:** The Sewall GeoPower Portal platform allows GIS professionals to post their custom web applications and geospatial web services from their internal network environment to Sewall's hosted facility.
- ❏ **Replication:** The Internet is adequate for many applications, but in some situations a local workgroup may require a LAN-accessible database in order to meet their performance requirements. Authorized users have the ability to download desired data packages, modify the data locally, and then synchronize the local copy of the database with the centralized database on the Sewall GeoPower Portal.
- ❏ **E-Commerce:** The Sewall GeoPower Portal offers an e-commerce component that promotes the purchasing of maps, data, and other offerings on-line. GIS personnel are no longer burdened with mundane paper map production. Users simply access the portal, add items to their shopping basket, and purchase those items on-line. Some products may require approval and user registration on the site prior to purchase.

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