



WEB-GIS HOSTING SERVICE OVERVIEW

INTUS
smartcities

INTUS Smartcities is setting out to change the way cities operate on a global scale. Through the use of proprietary resources, INTUS Smartcities solves infrastructure challenges and problems related to safety, efficiency, resource sustainability, environmental damage, and data.

DATA OVERLOAD

WEB-GIS HOSTING

When integrating geospatial data into GIS, smaller organizations and municipalities may experience issues when it comes to data storage and access. With limited budget allocation and little to no IT departments, any geospatial data collected, converted and integrated cannot be stored or accessed in any efficient way. What results is missing data and/or data being stored on different types external storage devices.

These devices are usually not a great choice when storing such large amounts of data. Further, storage devices are also extremely difficult to coordinate when they need to be accessed by specific people and teams.

What is Data Hosting?

Data center hosting is the process of deploying and hosting data center on its own infrastructure or on an external service providers infrastructure. It provides similar services, features and capabilities of a data center but from an externally hosted platform.

This service delivers some traditional functions with the combination of application service provider (ASP) and Internet service provider (ISP).



DATA SOLUTION SMARTPOLIS SOLUTIONS

Smartpolis solves this storage burden by providing flexible and cost-effective geospatial data hosting through its online partnerships. By hosting data on a cloud based network, all geospatial data remains intact, organized and accessible to all users at anytime. Geospatial cloud data can be accessed by a number of devices, with field teams being able to map, manage and look-up geographic data on the go.

With Web-GIS hosting, users will be able to access data in a timely and organized manner, but will also be able to see their data come to life. Users will be able to view 3D maps and gain insight, putting their data to work during the decision making process.



KEY FEATURES



COST EFFECTIVE

Collecting, consolidating and processing GIS data is resource heavy and extremely expensive to maintain. Web-GIS hosting provides a cost effective alternative as it does not require any large investment in infrastructure and IT department hiring.



EASE OF ACCESS

All data is accessible in real time, from any location, by any team member with proper login in clearance/credentials. This allows users to have proper and necessary access to data when planning, maintaining, monitoring all types of assets.



INCREASED OPERATIONAL CAPACITY

Web-GIS hosting is an inter-operable solution, which allows for users to manage assets and process with ease. Hosting can help with fast asset management decision-making and the dispatch of personnel to the field.



ACCESSIBILITY

RELIABLE HOSTING

Mountains of geospatial data can cause large scale issue if not organized and stored properly. Poor access of data can cause project delays and create many organizational issues. When geospatial data is sorted, converted and hosted, users are able to access data anytime and with the utmost security.



Fast

Access all types of complex geospatial data (maps, asset logs, etc) with blazing-fast speed all from one online location

*Speed can vary per-international location based on current internet infrastructure.



Secure

Web-GIS and all data associated with the platform has the highest level of security that is reliable and customizable.

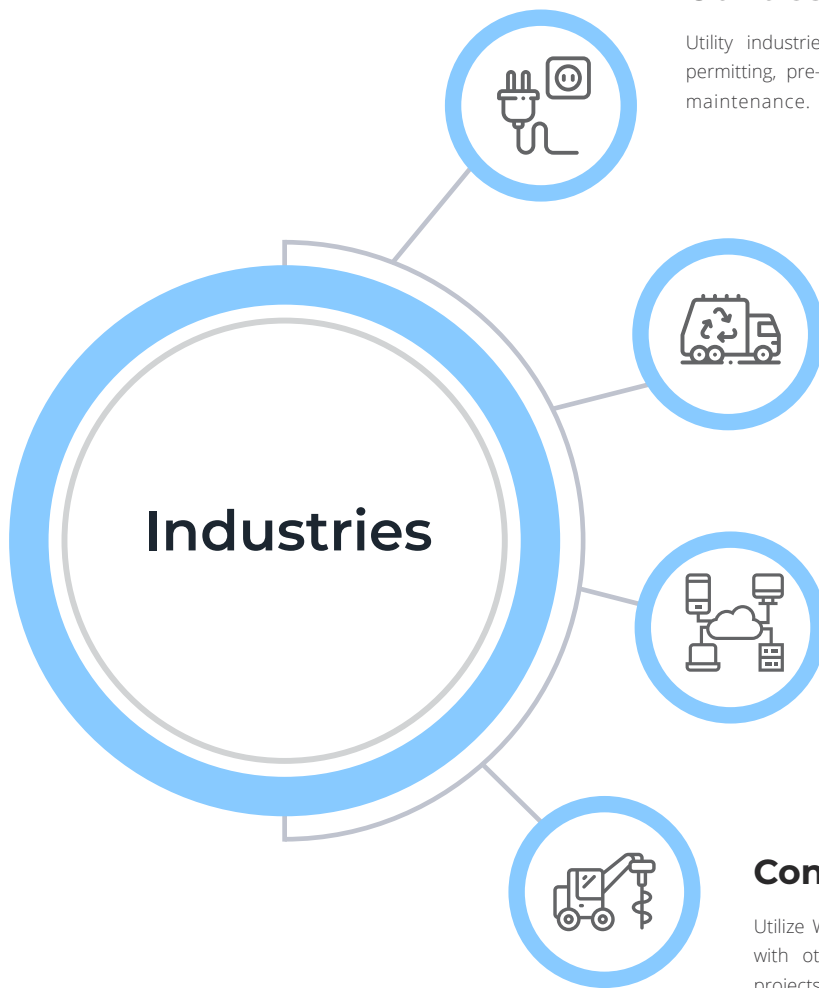
*Partnered with Amazon Web Services (AWS) to provide high standard protection.



Share

With Web-GIS hosting, all data is easily converted and shared, ensuring that all stakeholders have an opportunity to work seamlessly.

*Data in Web-GIS can be converted into different file types for sharing.



Utilities

Utility industries can use Web-GIS hosting for permitting, pre-engineering, mapping, design and maintenance.

Fleets

Web-GIS hosting can make fleet specific data accessible. Any type of fleet, ranging from public transit, to waste management, to police. Manage mileage, maintenance, gas, location and loads with ease.

Networks

Hosting provides municipal asset data for municipal networks in real-time. Know when a street light needs to be repaired or a road must be fixed as soon as damage occurs.

Construction

Utilize Web-GIS hosting to be used in conjunction with other planning softwares for construction projects. Data can be used for any type of project that requires mapping, engineering and permitting.

The data hosting and hosted services have several benefits to every individual in the complete eco-system. The cost-effectiveness and ease of use can help cities and municipalities better streamline and coordinate operations.



Application Use

Businesses can seamlessly use applications hosted by Smartpolis which does not require any infrastructure or intensive code adjustments.



System Integration

Integration with other services like ticket systems, asset management, Operations Resource Planning (ORP), etc., to provide interoperability, to maintain low cost on various operations.



Security & Privacy

Data security and privacy are well managed. Issues can be resolved quickly with minimal impact on operations.



Analytics

Provides improved analysis and enhanced presentation of data displayed in the form of maps. Further provides solutions to real-time problems.



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Company Info



501 Silverside Rd #411,
Wilmington Delaware
19809, United States



+1 (302)-385-1060



info@intussmartcities.com