Innovative Technological Solutions for our Spatial World

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GEOSPATIAL INFORMATION

Spatial eXtended Reality
Spatial Data Management
3D Data Processing
Satellite Image Processing

Spatial eXtended Reality

Spatial eXtended Reality integrates the elements of augmented reality (AR), mixed reality (MR) and geospatial data into a single integrated solution to overcome hurdles in visualizing data (with location attributes) accurately in their actual position.

Our solution helps you in making better decisions, increasing work efficiency while ensuring safe operations. Suitable for applications such as above ground and underground asset locating and maintenance, infrastructure visualization, land boundaries visualization.

Applications:
Utilities and sewerage
Construction, BIM
Land Development

Satellite Image Processing

Satellite images are important for visualizing the Earth surface conditions from a bigger scale. From basemaps for map foundations, to small-scale targeted areas for business intelligence, Spatialworks and our partner is able to provide and process satellite image for your organization's productivity. We offer high-spatial resolution images with the most frequent, intraday revisit capability of any commercial satellite image provider between 5-7 times per day for actionable decision making.

Applications:
Land use/land cover (LULC) analysis
Spatial-temporal analysis
Crop/vegetation analysis
Monitoring
Feature extraction

Spatial Data Management

Data is the new oil of the digital economy. Today's industry deals with more data than previous years such as basemaps imagery, 3D models, digitized files, environment data and so much more. We believe that raw data in itself is not valuable. Our team of geospatial experts helps our clients find values in their data by gathering, organizing, and storing their data whilst also connecting to other relevant data.

Our list of previous clients proves our capability in helping your business spatial data management.

Applications:
Data Digitalization, Analysis, Visualization,
Spatial Database Management,
Cartographic, Modelling.

3D Data Processing

3D geospatial data comes incorporated with z-value (level or height) which is an addition to the 2D data with x,y coordinates. Spatialworks is capable of handling 3D data for processing, cleaning and other services to provide your business with a valuable output for streamlined viewing and assist in better decision making process.

Applications:
LiDAR Data Processing
Data Cleansing
3D Data Web Viewer
360 image processing