GeoTwinX

Discover, Visualize, Act : Your Ultimate Companion

GIS Based Work Order & Asset Management

The all-in-one for work orders, maintenance schedules, and asset management is here: GeoTwinX. It optimises asset management with a user-friendly interface and cutting-edge GIS maps. GeoTwinX makes it simple to track assets, plan maintenance, and produce real-time data. With this creative answer, procedures can be simplified and efficiency increased.

PROCESS

Login

Field engineer will login to system, with username & password.

Create work orders

User creates work order by dropping the pin or select assigned work order which will be displayed in the application with Map like visuals with current location.

Streamlined asset details

User lat & long will be captured as input, which will be sent to GE Small World, SAP, and other such application, from where the asset details based on Land, building, transformers etc. will be displayed in the mobile application.

Offline capabilities

User will select offline capability before going to place, if it requires, using Lat & long & radius as input, google tiles, asset details will be downloaded offline and sync up during the online.

Efficient field operations

User will visit the field, perform survey & fill the form & submit to supervisor for approval, on each process, the status will be updated for tracking the status of the work order.

Capabilities of GeoTwinX Solution

Asset tracking
- Identify assets to be tracked
- Collect and store asset data
- Develop workflows and alerts
- Integrate with other systems

Maintenance schedule
- Use GIS data and tools to plan and manage maintenance activities
- Identify assets to be maintained
- Determine maintenance requirements
- Collect and store maintenance data
- Develop a maintenance schedule
- Integrate with other systems like work order management or asset tracking

Measurement tools
- Measure distances, areas, and volumes using spatial data
- Choose the appropriate measurement tool
- Define the measurement units
- Customize the tool interface

Work order forms
- Create and manage different types of work orders related to spatial data
- Identify work order types
- Define required fields
- Develop workflows and notifications
- Integrate with other systems
- Customize forms for mobile devices

Offline functionality
- Access and use GIS data without an internet connection
- Identify critical GIS data and functionality needed offline
- Develop a data synchronization strategy
- Choose an appropriate data storage method
- Prioritize data storage and retrieval performance

Dashboard
- Provide a visual representation of data for decision-making
- Track real-time work order status, KPIs, metrics, asset status, etc.
- Identify the data to be displayed on the dashboard
- Choose appropriate visualization tools
- Design the dashboard interface to match user needs

Benefits

Improve Efficiency
Improve the operational efficiency by up to 60%

Time Saving
Time-saving up to 70%

Reduces Cost
Reduce costs by up to 65%

You can also explore our other AI/ML-powered Procure to Pay & Reconciliation, Intelligent Document Processing, Engineering Drawing Vectorization, Touchless tickets handling/helpdesk solution, etc. that can help you in insightful automated decision-making and give ROI within months of implementation.

CLIENTS & PARTNERS

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