



# CITYBOX

## DATA SHEET

### CityBox

CityBox is a turnkey geospatial big data visualization and analytics tool from Maxar. This immersive visualization solution uses geospatially enabled virtual reality (VR) and augmented reality (AR) to interactively display large volumes of data over a high-resolution Vricon 3D base layer. CityBox can be built to cover any region in the world and contains a virtual city's worth of data—giving users an in-depth knowledge of an area before ever putting boots on the ground.

#### Features and benefits

##### Enhanced data visualization

- Area familiarization
- Mission planning and rehearsal
- Large volume data
- Data import/export

##### Encourages collaboration

- Built for collaboration across multiple platforms
- Can be scaled to handle any number of users from any connected location

##### On-the-fly analysis

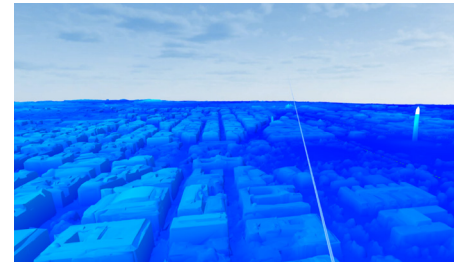
- Line of sight
- Slope
- Elevation
- Measurements



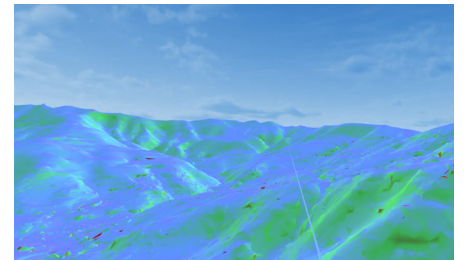
#### 3D CITY MODEL



#### ELEVATION TERRAIN SHADER



#### SLOPE TERRAIN SHADER



# MAXAR

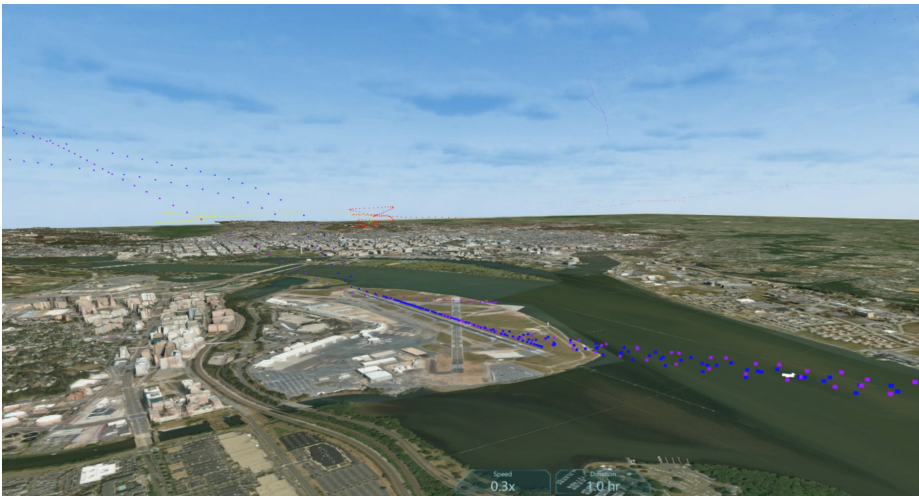
## Mission-critical information for planners

USG decision makers depend on comprehensive, accurate and current information when planning operations. Up until now, workflows and technology have created an environment in which they cannot visualize or comprehend all the accessible data. Maxar CityBox provides a compact, portable and collaborative way to deliver innovative geospatial support to combat operations. It greatly enhances situational awareness and accelerates the ability of a user to ingest information by completely immersing the individual in his or her data.

- A multi-platform environment that utilizes VR, AR and desktop/browsers to view information in two and three dimensions and seamlessly collaborate from disparate locations
- Ready access to basic terrain analytic algorithms for planners and decision makers
- Full immersion in the data for mission planning, mission rehearsal, mission execution and post analysis

Commanders will have access to highly accurate, high-resolution data in semi- and fully immersive collaborative environments to produce superior battle-plans that can be operationalized quickly and adapted to new requirements.

## Geospatial data visualization



## TERRAIN ANALYSIS

- 3D City Models
- Slope
- Elevation

## SPATIAL TOOLS

- Viewshed Analysis
- Linear Measurement

## DATA VISUALIZATION

- Satellite Location
- LIDAR Point Clouds
- Underground Facility Identification

## SATELLITE VISUALIZATION

