

PRESAGIS 3D ENVIRONMENTS ADD-IN FOR ArcGIS® Pro



3D ENVIRONMENTS ADD-IN

The ability to create and implement detailed and realistic 3D content in ArcGIS Pro has never been easier.

3D Environments allows ArcGIS users to rapidly transform **3D Tiles Next** data formats, such as **One World Terrain**, into ArcGIS Pro projects

to create 3D scenes from 2D vector data and 3D models. It is also equipped with 3D building templates, which provide access to the Presagis styling algorithms and texture libraries. Leveraging its knowledge and expertise in the Modelling and Simulation industry, and its most commonly used formats, Presagis is offering Esri users a 3D Environments Add-In incorporated it into the Esri ecosystem.

This Add-In contains a set of tools to create, transform and extract a variety of different 3D formats, and provides seamless interoperability between ArcGIS and a wide range of modeling & simulation applications

Employing an integrated approach, the Presagis 3D Environments Add-In is streamlined for ArcGIS Pro users, and allows the easy transformation or extraction of 3D files or layers.



Converts 3D Tiles data into i3S files while preserving domain schemas,

such as the **One World Terrain (OWT) Ground-Warfighter Geospatial Data Model (GGDM)**, and preserving attributes assigned to OWT building models i.e. building height.



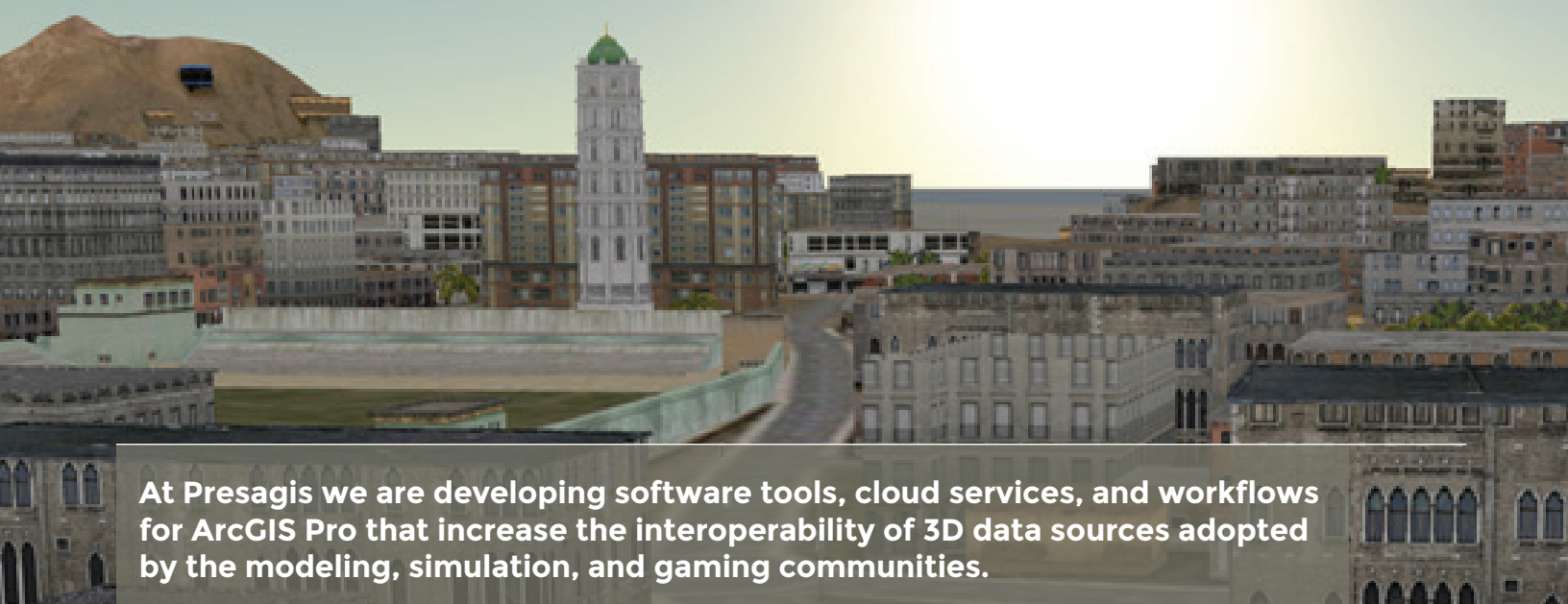
Extracts CDB layers from sources such as the NGA's **Beyond 3D Program**

including OpenFlight models to jump-start ArcGIS Pro projects. Layers within CDB include 3D terrain, roads, buildings, vegetation, airports, vertical obstructions and many other feature and model types.



Enables Presagis stylized **building templates and textures** which

can increase the quality of 3D scene visualizations in ArcGIS Pro. Presagis has over 30 years of industry experience in modeling 3D buildings with hundreds of textures and templates in the library.



At Presagis we are developing software tools, cloud services, and workflows for ArcGIS Pro that increase the interoperability of 3D data sources adopted by the modeling, simulation, and gaming communities.

GEOSPATIAL 3D DATA IS EVERYWHERE

Geospatial 3D data is increasingly critical to decision-makers for modern design, simulation and training applications. Conventional, manual approaches to managing 3D databases are inefficient, costly and incapable of scaling to the levels demanded in building today's complex virtual environments.

New data collection platforms, emerging types of data, demands for greater levels of detail, and sheer volume, threaten to overwhelm workflows for creating and maintaining 3D synthetic environments. VELOCITY 5D was designed to address this challenge and boost the quality of decision-making in ArcGIS™ Enterprise by providing a 3D simulation-ready environment.



esri

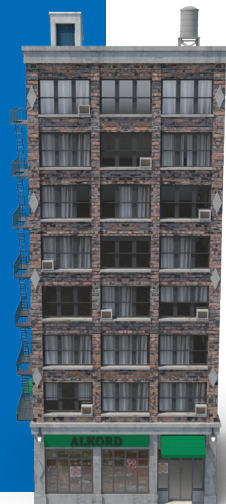
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FOR MORE THAN 30 YEARS,

Presagis has supported the Top 100 defense and aeronautic companies in creating and updating 3D databases for virtual training and mission rehearsal.

Our tools help users integrate geospatial data and analytics for 3D planning applications such as:

- Air mobility
- Asset tracking
- Critical infrastructure
- Disaster preparedness
- EMS
- Energy + Utilities
- Ports
- Smart Cities
- Urban mobility



ArcGIS System Ready
Specialty



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FOR MORE DETAILS

The Presagis 3D Environments Add-In for ArcGIS Pro is available at www.presagis.com and the Esri Marketplace.