



## WHAT DOES VIMTREK DO?

VIMtrek makes it possible to instantly share your BIM data to people who have no idea on how to use BIM software, but still want to connect, collaborate and discuss their project on a daily basis. VIMtrek allows for an instant sharing process to those folks, which allows you to get greater feedback on a project – all without having to learn new software and a zero learning curve.

**How?** Your smart objects are embedded with smart data, then integrated within gaming technology to create fully interactive immersive, 3D high definition, realistic free-roam environments, accessible 24/7 365 days a year over the cloud.

These environments do not require the native Autodesk file and allow all collaborators on a project to review designs within minutes and hours instead of days and weeks.

Join us in moving AEC to the next level!

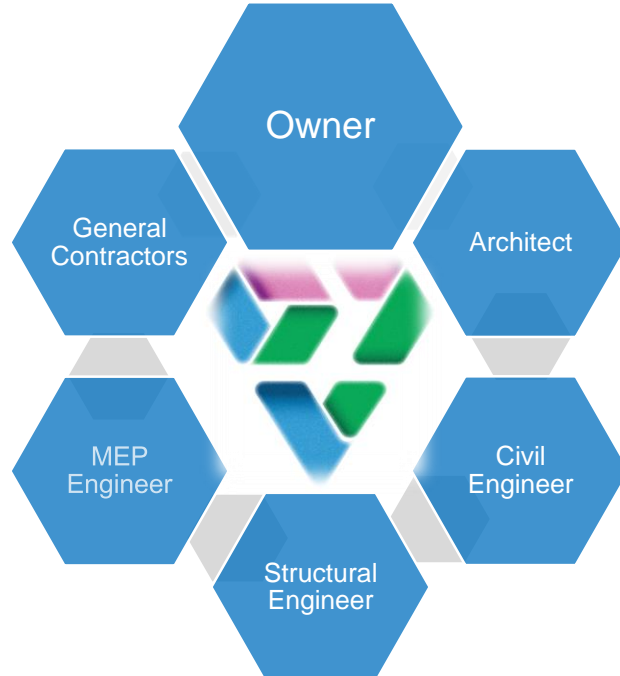


VIMTREK FORMS AN EXCLUSIVE ALLIANCE  
WITH UNITY TECHNOLOGIES TO BECOME  
SOLE DISTRIBUTOR OF UNITY SOFTWARE  
TO THE AEC INDUSTRY!

## ABOUT VIMTREK

VIMtrek (including SmartBIM and ecoScorecard) offers a suite of tools that provide visualization, data analytics and collaboration to the architectural, engineering, and construction (AEC) industry. VIMtrek, built on Unity gaming technology, provides a fully immersive, easily navigable, and interactive 3D model that contains all of the BIM data from the Revit file and supplements it with BPM data. The main commercial drive, and in some countries- regulation, to rapid adoption is the reduction of change orders. With the use of collaborative BIM cost overruns can be reduced from double figures to low single figures, saving the owners money and helping to deliver better, greener and more efficient buildings. VIMtrek is the exclusive global distributor for Unity Technologies to the AEC and BPM Industry.

SmartBIM, a division of VIMtrek, is the leading provider of BIM content creation and distribution, BIM tools, and AEC market intelligence serving building professionals and building product manufacturers. ecoScorecard, a VIMtrek tool, is a database that gives the AEC industry the ability to search, evaluate, and document environmental impacts of building products and materials against the leading environmental rating systems such as LEED.



*“When we shared the VIMtrek technology with our Owner on the largest project currently being constructed in Atlanta, they were immediately impressed with the technology and wanted to share it with their users.”*

*McCarthy Building Companies, Inc.  
Project Director, Steve Karp*



Photo: archvizpro.com

*The power of Unity – one click away!*

## CONTACT US

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## Unparalleled speed

Rendering speeds are dramatically reduced from circa 30 hours to 3 hours.

Simply upload your Revit files to VIMtrek's "workspace" on Building Portal - select the service level you need and your standard format (excluding optional file embellishments) files will be back to you in less than 3hrs (fast track).

A normal service is 10 hours - and that's still 1/3 of the time of a standard 3D Studio max render!

## Advanced Real-time Technology

The power of the Unity real-engine technology allows free roam around the model in HD 3D.

For Architectural Visualization teams who need to create compelling interactive building experiences accessible anywhere, anytime and on any device.

Unity for Architectural Visualization is a fully integrated cross platform, interactive 3D authoring tool with photorealistic environments that give end clients a way to intuitively explore, discover, plan, and experience building developments on multiple platforms including desktop, web, mobile, or multiscreen displays.

## Unrestricted view access

The free downloadable VIMtrek Building Viewer allows anyone to view, collaborate, and comment on a building model via VIMnotes without using Revit.

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*“VIMtrek handles real world size projects and multidiscipline BIM models with ease allowing revolutionary file compression sizes making it easy to share the project with all collaborators.”*

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## PERFORMANCE

*Fast Render Time*

*Fully Automated*

*No Limit on Linked Files*

*Revolutionary File Compression*

*Architectural Data*

*Structural Data*

*MEP Data*

## FEATURES

*First Person Immersive Experience*

*One Click: Transparency,*

*Rendered & White Box Views*

*All BIM Data Attached/Retained*

*Easy to use and can be viewed on  
any device*

*Multimedia Tools*

## BENEFITS

*Facilitates on budget/on time  
delivery*

*Competitive per firm/location cost*

*Facilitates green design and build*

*Dives massive reduction in change  
orders*

# Viewer INTERACTING / IMPACTFUL



## Automated model projection

Our cloud based service converts your Revit file to a VIM file that is shareable with collaborators starting within minutes



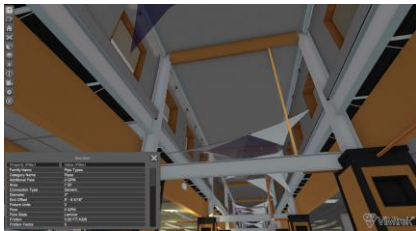
## Gear VR support

Projects can be viewed in a first-person virtual reality experience in a quick and easy method



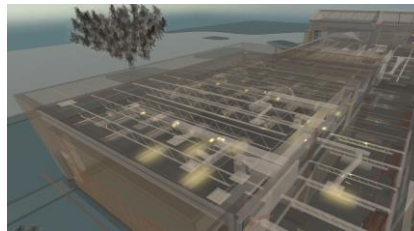
## White Box

When your model is not ready for materials, with one click you turn on white box and still showcase the design



## BIM object data

BIM object data retained includes every piece of data in the visual display and creates linked access to SmartBIM Library and ecoScorecard services



## Real World Model Capability

Feel confident to handle your real world size model with multidiscipline BIM models with ease.



## Unity

Powered by Unity Technology, VIMtrek streamlines your workflow from Revit to Unity. Allowing you to create high impact photorealistic environments.

# Cloud DESIGN MORE / WAIT LESS

VIMtrek is designed to get you from your design to first person immersive quickly. The cloud is designed to move large models within minutes. Our cloud based service (web site, web application and storage and computation hosting) converts your Revit building design files into a 3D interactive walk-through. This visualization retains and displays all BIM data from the original Revit design and provides hyperlinked access to SmartBIM Library and ecoScoreCard services.



*“The AEC Industry has embraced VR in a big way and the power of Unity brings construction, urban development and building products alive like never before”*

*Arol Wolford, CEO & President of VIMtrek*



# REAL-TIME VISUALIZATION

Unity is a fully integrated cross platform, interactive 3D authoring tool with photorealistic environments that give end clients a way to intuitively explore, discover, plan, and experience building developments on multiple platforms including desktop, web, mobile, or multiscreen displays. **VIMtrek is the exclusive global distributor of Unity to the AEC and BPM Industry.**

For Architectural Visualization teams who need to create compelling interactive building experiences which are accessible anywhere, anytime and across any device, Unity 3D, with out-of-the-box functionality is the perfect asset-tool to create emotional interactive and 3D building presentations and configurators.

Unlike traditional 3D tools such as 3DS Max and Maya that only generate images and video, Unity's Powerful Graphics Engine, Advanced Animation Features, Audio, 2D / 3D Physics, Scripting and Rendering is a market leader.



Photo: archu2pro.com

**SMARTBIM**  
BUILDING INTELLIGENCE



ecoScorecard™

VIMTREK SUITE

**SMARTBIM**  
BUILDING INTELLIGENCE

VIMtrek's SmartBIM division is a leading provider of BIM content creation and visualization that brings the AEC market intelligence serving both the building professionals and manufacturing communities. The principals of our firm are pioneers in information technology, architectural modeling, construction data, and sustainability assessment all brought together on one easy to use visualization platform.

SmartBIM Library

Content Creation and BIM Modeling

Quantity Take-off (QTO)



ecoScorecard™

ecoScorecard is a database of free web-based, manufacturer specific micro sites that help architects and designers search, evaluate and document environmental impacts of building products and materials against the leading environmental rating system. The tool is free for the user and no sign-in is required.

Complete documentation is provided for submittal against major rating systems such as LEED, Living Building Challenge, etc.

*"VIMtrek's deep network of customers and expertise on industry specific needs and extensions built on top of Unity enable AEC customers to speed up the creation of interactive experiences"*

*Jeff Hemenway, Vice President Americas at Unity Technologies*



## MANAGE YOUR REVIT OBJECTS SAVE TIME AND MONEY

If you are using Revit, you have probably experienced the frustration of trying to find and manage Revit families saved to folders in your file system. It's difficult to know how to use your families when the file name is the only means for understanding the product or assembly that the family represents. You can guess from a file name what a family is, but you cannot be sure without actually loading it into Revit. This is inefficient and time-consuming if you guess incorrectly. *BIM Library Manager* gives BIM Managers the ability to organize and distribute approved content to your users while protecting your projects from unapproved content providers. Improve the re-use of families across projects and decrease project risk. Within *BIM Library Manager* they can see the information pertaining to a family and choose the right family the first time. They can also deploy standards for families across project teams and firm-wide to ensure consistent use of high quality objects.

### STOP WASTING TIME AND MONEY

Firms spend hundreds of hours and thousands of dollars on finding, creating, and modifying objects. Multiple versions of the same family exist within projects, within teams, and within different offices. *BIM Library Manager* can save you time and money by efficiently managing your Revit families in one place.

### ORGANIZE AND MANAGE YOUR REVIT FAMILIES

*BIM Library Manager* enables you to manage, publish, and distribute catalogs of families that represent the standard-of-practice for your firm, improve the re-use of families across projects, and decrease project risk.

## PRODUCT FEATURES

- \* Allows users to generate libraries from existing Revit objects (Revit Families) using the Family Content Publisher plug-in for Revit
- \* Allows user to Drag-n-drop Revit objects from the BIM Library Manager into Revit
- \* Provides navigation to Revit objects by:
  - Revit category tree hierarchy that displays Revit Categories, Families, and Family Types
  - Revit object Thumbnails
  - Filtering by Revit Family and Type name
- \* Presents a rich information interface that allow you to view and evaluate Revit objects
  - Thumbnail views
  - 3D DWF viewer
  - Grid display of Object properties
  - Revit modeling Guidelines and suggested Revit object naming conventions
- \* Simple, Intuitive and Flexible User Interface
  - Turn panes on and off
  - Customized desktop allows users to re-size, move and arrange, or drag panes outside of Application frame for maximum flexibility