



Joe Soliz

Construction Industry Solutions *The Industry's Choice*

Phone: (972) 910-9076 x8109 Toll Free: (866) 910-9076 x8109

Fax: (972) 910-9069 Cell (972) 804-7636

[www.coins-global.com/usa/](http://www.coins-global.com/usa/)

***COINS CAD and BIM solutions and services provide the software and technical expertise needed by Architects, Engineers, and Constructors (AEC) to digitally plan, design, analyze, and co-ordinate built environment projects. We specialize in providing IT solutions to the AEC industry. Our CAD and BIM expertise, along with our ERP solution, bring consultancy, implementation, software, training, support, and software development to a single source that improves your business.***

[www.coins-global.com/usa/](http://www.coins-global.com/usa/)

### ***Vasari***

Autodesk® Project Vasari is an easy-to-use, expressive design tool for creating building concepts. Vasari goes further, with integrated analysis for energy and carbon, providing design insight where the most important design decisions are made. And, when it's time to move the design to production, simply bring your Vasari design data into the Autodesk® Revit® platform for BIM, ensuring clear execution of design intent.

Project Vasari is focused on conceptual building design using both geometric and parametric modeling. It supports performance-based design via integrated energy modeling and analysis features. This new technology preview is now available as a free download and trial on Autodesk Labs.

<http://labs.autodesk.com/utilities/vasari/>

### ***ImageModeler***

Autodesk® ImageModeler™ image-based modeling and photogrammetry software enables architects, designers, and entertainment content creators to generate 3D models from 2D digital images. The software's easy-to-learn, three-step workflow—calibration, modeling, and texturing—enables users to achieve stunning, photorealistic 3D models with real-world accuracy and export them in different formats to other Autodesk products.

<http://usa.autodesk.com/adsk/servlet/pc/index?id=11390028&siteID=123112>

### ***Revit Patform***

Purpose-built for building information modeling (BIM), Autodesk® Revit® Architecture building design software helps architects and designers capture and analyze early concepts, and then better maintain designs through documentation and construction. Enjoy a more collaborative, integrated building design process by sharing essential BIM data with your partners, and use BIM workflows to help drive more efficient sustainable design analysis, clash detection, construction planning, and material fabrication.

<http://usa.autodesk.com/adsk/servlet/pc/index?siteID=123112&id=3781831>

## Ecotect Analysis

### Sustainable Building Design Software

Autodesk® Ecotect® Analysis sustainable design analysis software is a comprehensive concept-to-detail sustainable building design tool. Ecotect Analysis offers a wide range of simulation and building energy analysis functionality that can improve performance of existing buildings and new building designs. Online energy, water, and carbon-emission analysis capabilities integrate with tools that enable you to visualize and simulate a building's performance within the context of its environment.

<http://usa.autodesk.com/adsk/servlet/pc/index?id=12602821&siteID=123112>

[http://images.autodesk.com/adsk/files/autodesk\\_ecotect\\_analysis\\_2011\\_brochure.pdf](http://images.autodesk.com/adsk/files/autodesk_ecotect_analysis_2011_brochure.pdf)

## Green Building Studio

Web-Based Energy Analysis Software - Autodesk® Green Building Studio® web-based energy analysis software can help architects and designers perform whole building analysis, optimize energy efficiency, and work toward carbon neutrality earlier in the design process. With faster, more accurate energy analysis of building design proposals, architects and designers can work with sustainability in mind earlier in the process, plan proactively, and build better.

<http://usa.autodesk.com/adsk/servlet/pc/index?id=11179508&siteID=123112>

<http://usa.autodesk.com/adsk/servlet/pc/item?siteID=123112&id=14953381>

[http://images.autodesk.com/adsk/files/getting\\_started\\_with\\_green\\_building\\_studio\\_web\\_service\\_2011.pdf](http://images.autodesk.com/adsk/files/getting_started_with_green_building_studio_web_service_2011.pdf)

<https://gbs.autodesk.com/gbs/>

## Autodesk Labs - What is Autodesk Labs?

Autodesk Labs is home to innovative new technologies and collaborative development. Its mission is to involve you, the customer, in the progress of design technology solutions. We're not a beta program (although Autodesk does have an active beta community), or a usability team, because the technology we work with is too new to be a product. The user feedback that you provide to Labs is really on product ideas, while they're still in an early conceptual stage.

<http://labs.autodesk.com/>

**Project Photofly** – create a model from photos you take of a building using a web based SAAS (Software As A Service) that uses cloud computing. Send in your photos, and computers stitch them together for you. Shaan Hurley has a great blog on it – [Between the Lines](#).

## Revit -> Green Building Studio or Ecotect -> DOE-2 Workflow...

You can take a Revit model and export it as a gbXML file (Green Building eXtensible Markup fiLe) and import the file into either Green Building Studio, or Ecotect, and through either one, export out as to an inp (eQUEST ready file format) or idf (EnergyPlus ready file format) – converting that metadata into a file

format that will propagate a DOE-2 model instantaneously. See [Using Green Building Studio with RevitArchitecture and Revit MEP](#) and [Part 1: Energy Analysis - Early Energy Analysis: Informing Design ...](#)

[Scott Davis' presentation](#) similar to the presentation I gave, but with Revit Architecture instead of Revit MEP, understanding that using Revit MEP simply allows users to get more granular with their energy designs as Revit MEP has “spaces” – elements or entities that track much more of the building metadata.

Joe Soliz

Construction Industry Solutions *The Industry's Choice*

Phone: (972) 910-9076 x8109 Toll Free: (866) 910-9076 x8109

Fax: (972) 910-9069 Cell (972) 804-7636

[www.coins-global.com/usa/](http://www.coins-global.com/usa/)