

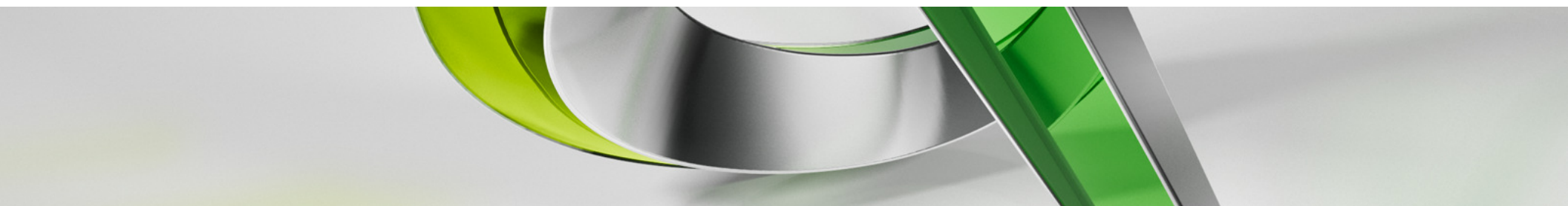


Revit + FormIt 360 + Dynamo Studio = Awesome!

Carl Storms

IMAGINiT Technologies - Senior Applications Expert

@theBIMsider



Class summary

This lab session will focus on some of the newer features of FormIt 360 mobile and web app, as well as tips and tricks to help with your Revit software and FormIt 360 workflow. With FormIt 360, you can create conceptual designs and massing studies right on your iPad, Android tablet, and phone (if you are daring), and on any computer with a web browser, or you can use FormIt 360 for Windows. You will learn tips and tricks to help with this design process, using some similar commands and processes you may already use in Revit software. This session will also look at what the cool and useful FormIt 360 Pro features enable, like real-time team collaboration on a design, whole-building energy analysis, and solar analysis. We will also explore the new Dynamo Studio software workflow within FormIt 360 for Windows. And we will spend some time focusing on taking your project from conceptual design all the way to construction documents with these 2 connected products (Revit software and FormIt 360 mobile and web app) without having to leave the RVT file format. This session features Revit and Dynamo Studio.

Key learning objectives

At the end of this class, you will be able to:

- Gain an overview of what's new with FormIt 360
- Learn how to use FormIt 360 as a team collaboration and design tool in real time
- Learn about the process to move from FormIt 360 into Revit
- Learn about the Dynamo Studio plus FormIt 360 Workflow

Agenda

Introduction

FormIt 360 Overview

- **FormIt 360**
- **FormIt 360 Converter Add-in for Revit**
- **FormIt 360 Pro Features**

Lab Exercises

Questions



Introduction

Presenting Today:



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IMAGINiT Technologies

Calgary, AB, Canada

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Twitter: [@theBIMsider](https://twitter.com/theBIMsider)

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Worked in Residential & Commercial Architecture

Worked in Commercial Construction (BIM/VDC)

Over 5 years as a Collegiate & Industry Instructor

Speaker at Multiple AU & RTC Conferences

Started working with CAD in 1993

Been involved in AEC Since 1998

Been utilizing BIM since 2008

With IMAGINiT Since 2012



FormIt 360 Overview

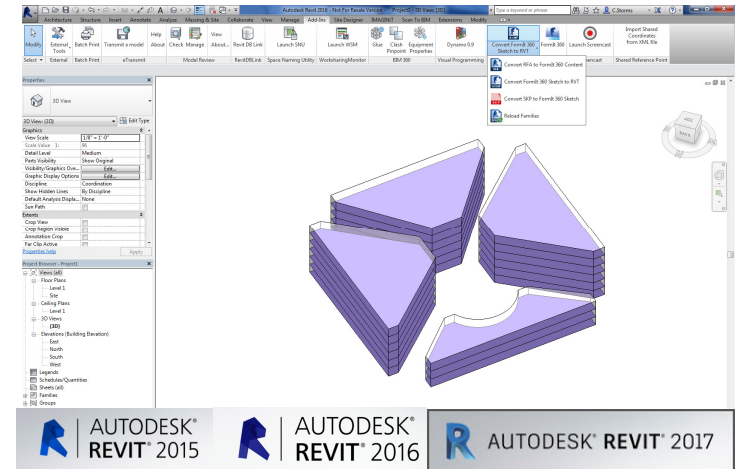
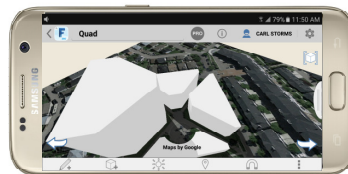
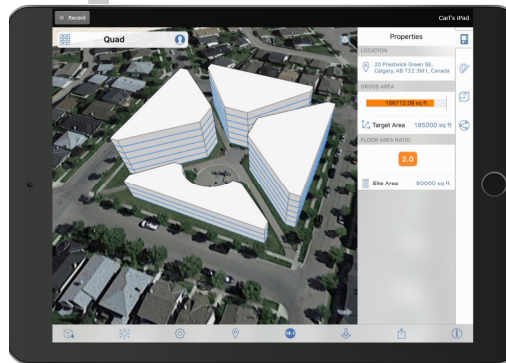
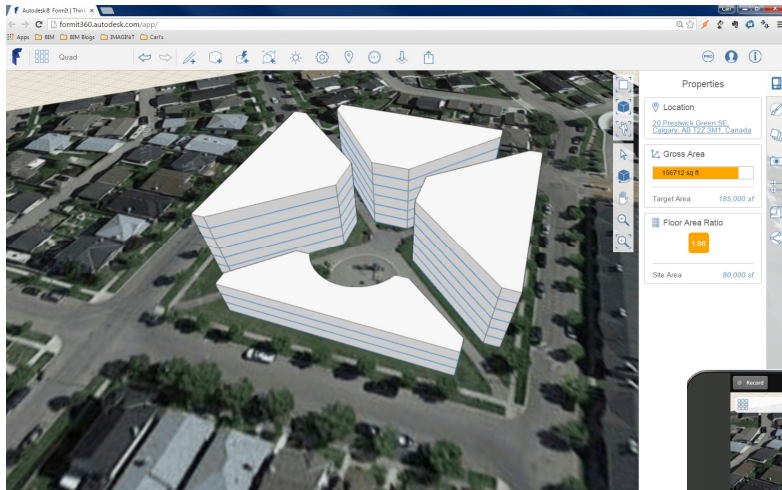
FormIt 360 Overview

FormIt 360

FormIt 360 is a free intuitive web and mobile modeling program that allows you to create and study conceptual models almost anywhere.

FormIt 360 works with your existing A360 Drive account to host and store your creation in its native .axm file format, as well as creating a .rvt version of the file to be used in Revit.

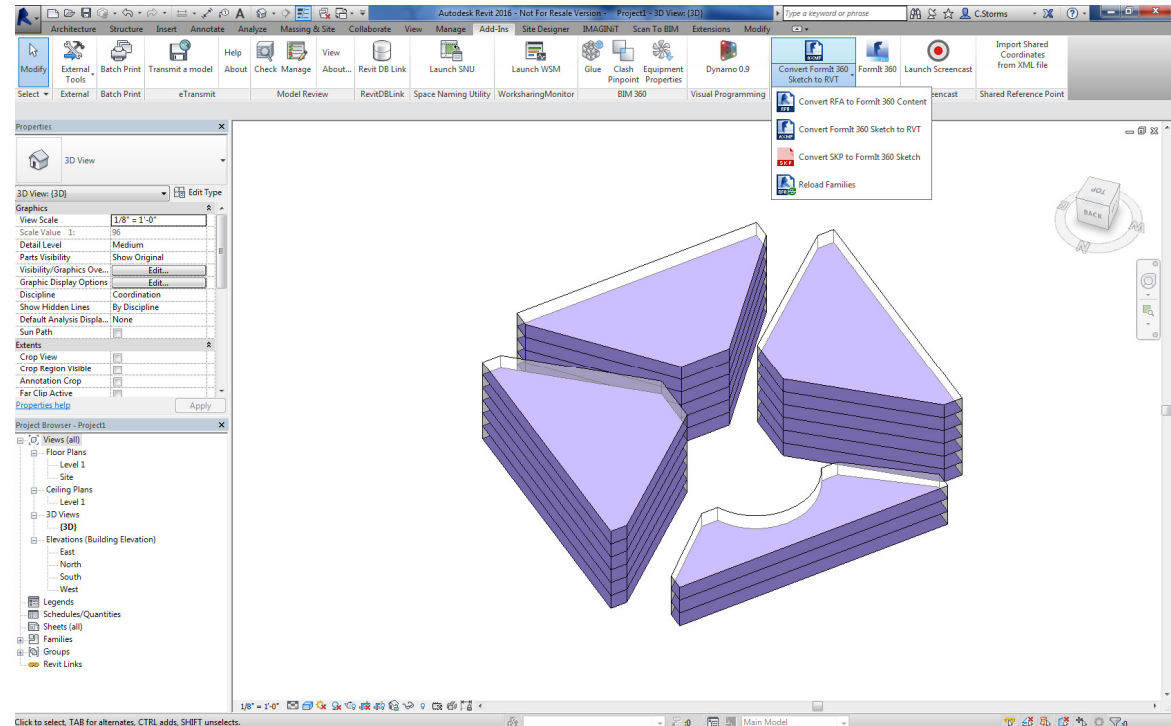
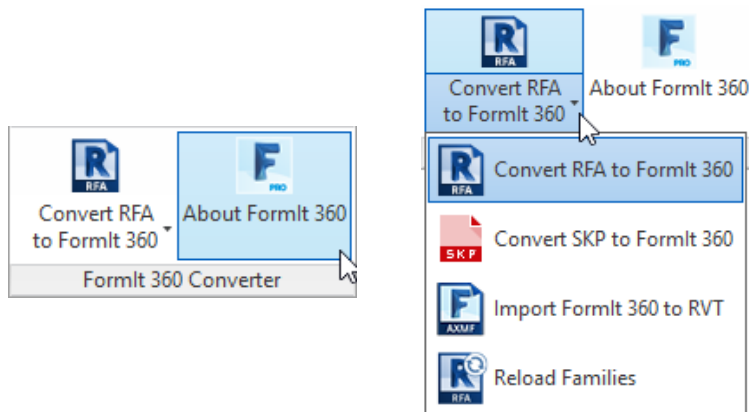
<http://formit360.autodesk.com/app/>



FormIt 360 Overview

FormIt 360 Converter Add-in for Revit

FormIt 360 Converter is an Add-in for Revit 2015 - 2017, that allows the Revit users to convert Revit Families (.rfa) to FormIt content, convert FormIt 360 models (.axm) to Revit, convert SketchUp models (.skp) to FormIt 360, and replace FormIt 360 content with Revit Families (Reload Families), You can also directly launch the FormIt 360 website.





FormIt 360 Overview

FormIt 360 Pro Features

FormIt 360 vs. FormIt 360 Pro

Compare FormIt 360 products to see which one best suits your needs.

	 FormIt 360	 FormIt 360 Pro
FORMIT 360 VS FORMIT 360 PRO		
Intuitive 3D sketching tools	✓	✓
Native Revit interoperability	✓	✓
Conceptual design with location data, levels, images, and materials	✓	✓
Import SketchUp and Revit data with FormIt Converter	✓	✓
Available as free iPad and Android tablet app	✓	✓
Available as web browser app	✓	✓
Available as Windows-installed App		✓
Real-time collaboration		✓
Whole-building energy analysis		✓
Solar analysis		✓
Access to Autodesk Material Library		✓
		Free trial

FormIt 360 Pro is a paid subscription service that adds:

- **FormIt 360 for Windows**
- **Dynamo Studio integration**
- **Insight 360 analysis**
 - Whole building energy analysis
 - Solar analysis
- **Autodesk material library**
- **Real-time collaboration**





FormIt 360 Overview






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Available as Windows-installed App		
Real-time collaboration		
Whole-building energy analysis		
Solar analysis		
Access to Autodesk Material Library		

FormIt 360 **PRO** includes:

- 
FormIt 360 for Windows
 Work on and offline from a fast, touch enabled, connected, customizable app
- 
Collaboration
 Design with anyone in real-time. Follow their camera for easy show and tell
- 
Autodesk Material Library
 Preview and import materials from the extensive Autodesk library
- 
Solar Analysis
 Visualize and quantify the amount of solar radiation your model receives
- 
Energy Analysis
 Adjust and compare the performance of your early stage design model

Start a Free 30-day trial of FormIt 360 **PRO**

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FormIt 360 Overview

FormIt 360 Pro Features



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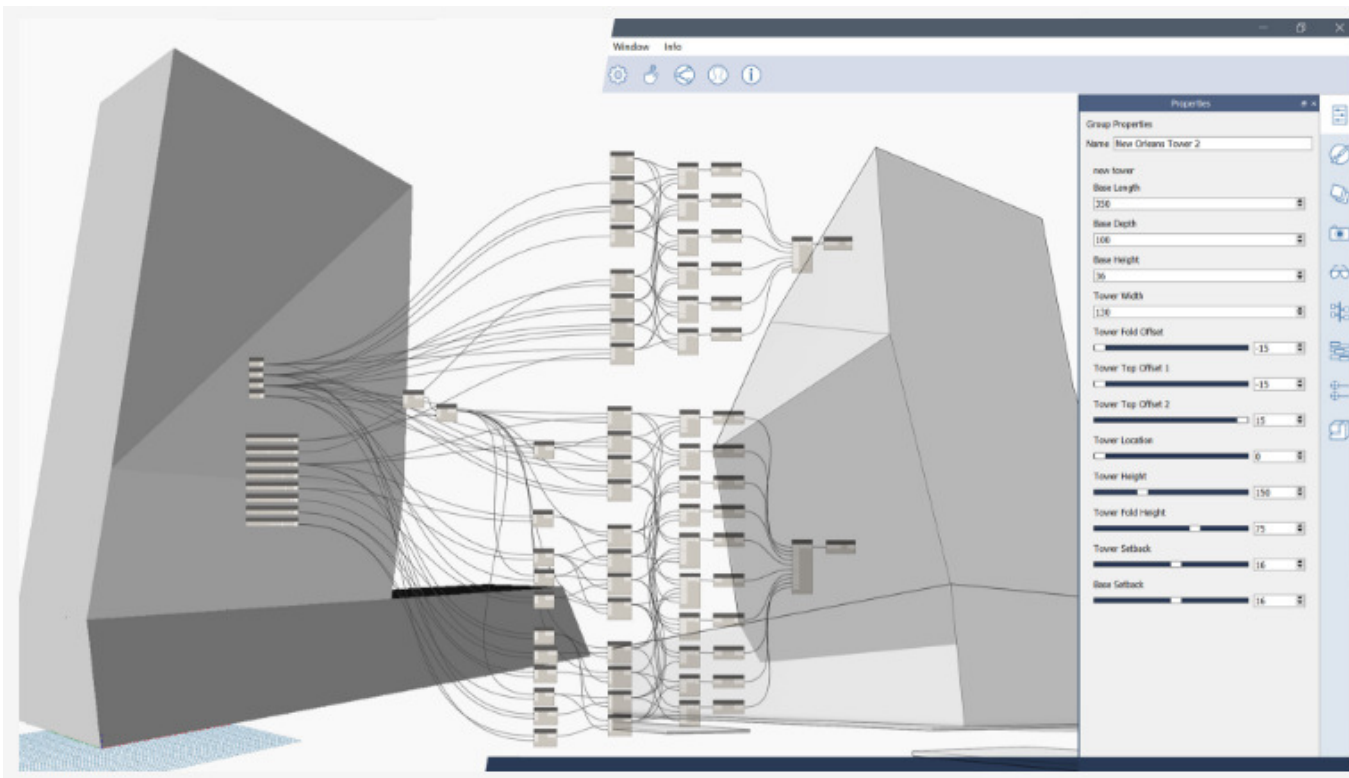
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FormIt 360 Overview

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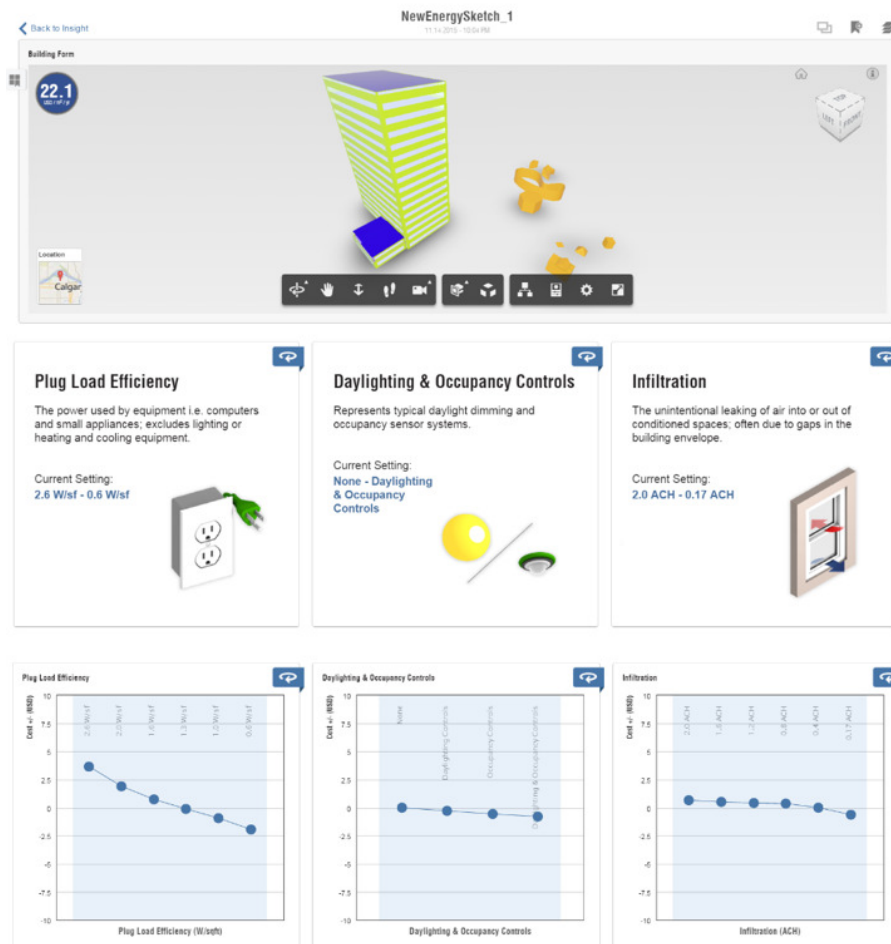
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FormIt 360 Overview

FormIt 360 Pro Features



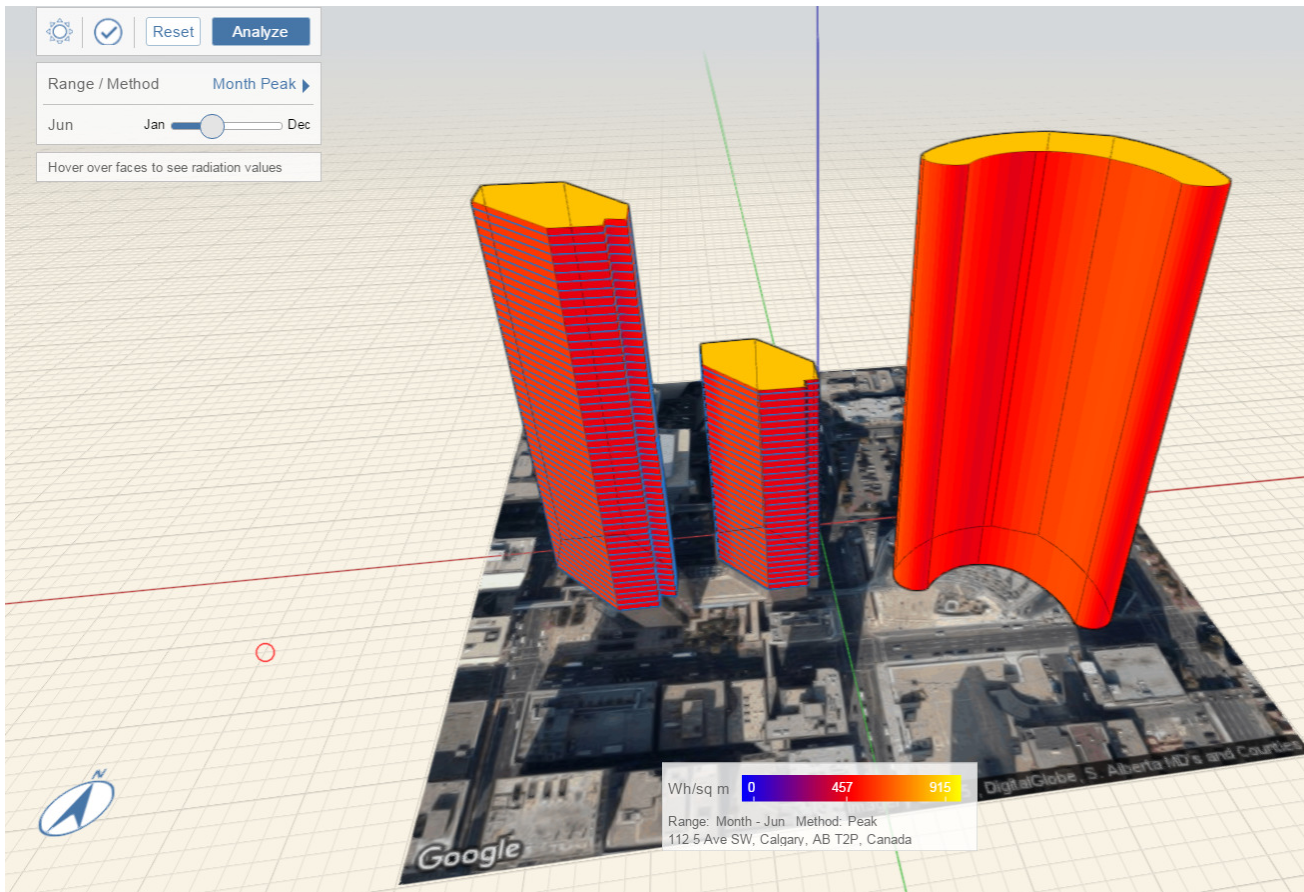
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- FormIt 360 for Windows
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- **Insight 360 analysis**
 - Whole building energy analysis
 - Solar analysis
- Autodesk material library
- Real-time collaboration



FormIt 360 Overview

FormIt 360 Pro Features



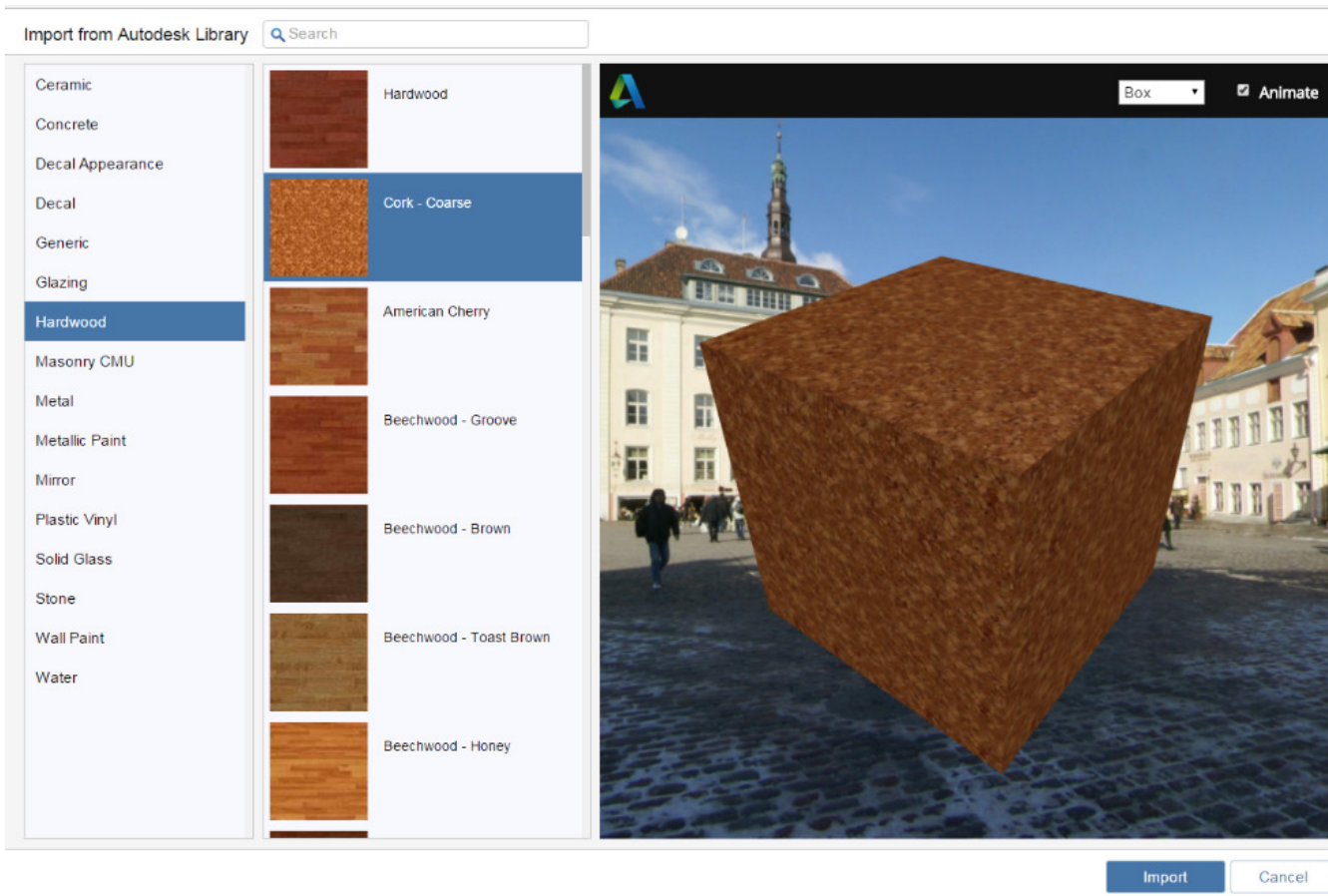
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 - Whole building energy analysis
 - *Solar analysis*
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- Real-time collaboration



FormIt 360 Overview

FormIt 360 Pro Features

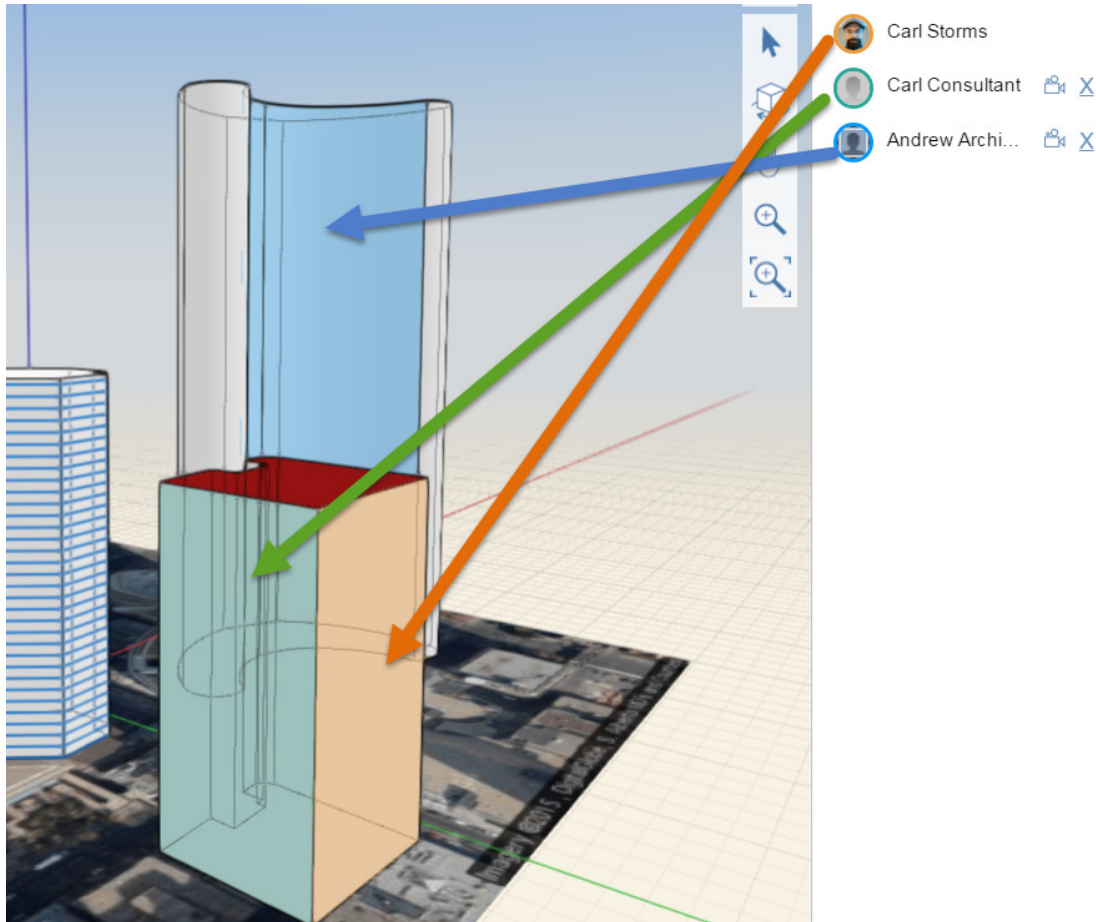


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FormIt 360 Overview

FormIt 360 Pro Features



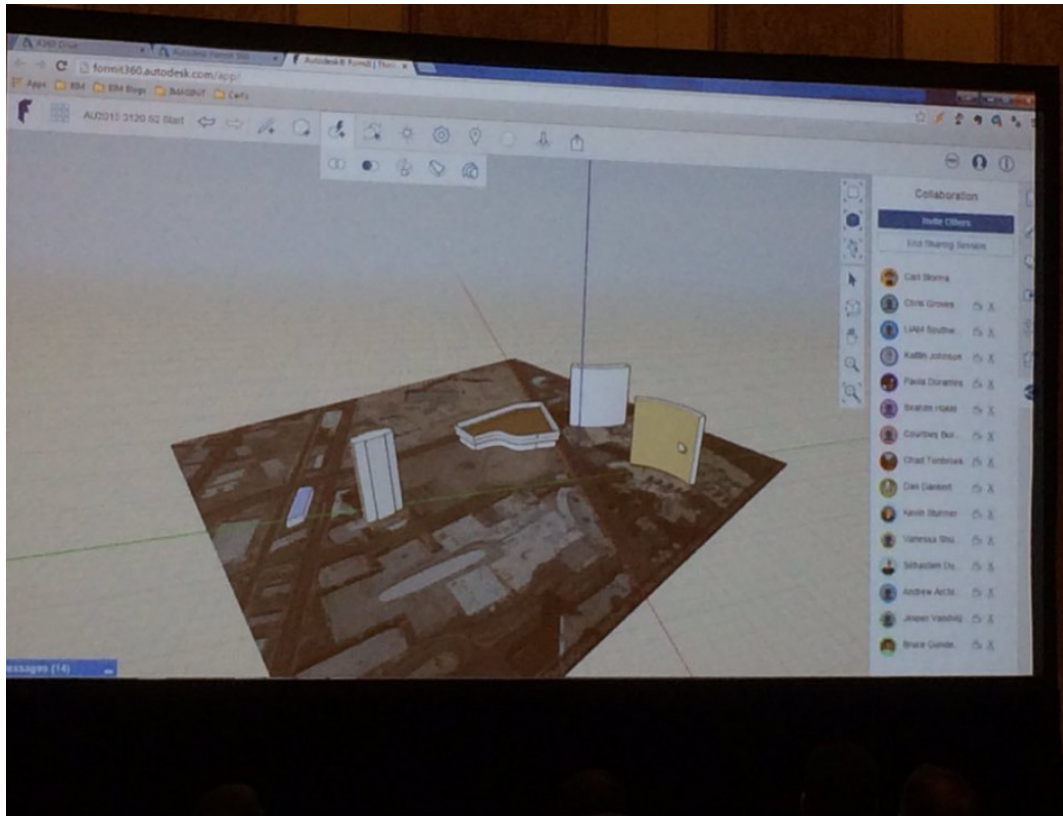
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FormIt 360 Overview

FormIt 360 Pro Features



tobias hathorn @tobiashathorn · 3 Dec 2015
Go go real time collaboration!!! Most of @theBIMsider class joining in @FormIt360



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A Cautionary Tale

Too many FormItteers in the model...



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Lab Exercises

Lab Exercises

Ex 1) Location

- Task 1
- Task 2
- Task 3

Ex 2) Building

- Task 1
- Task 2
- Task 2
- *Bonus Task*

Ex 3) Revit

- Task
- *Bonus Task*

Ex 4) Dynamo

- Task 1
- Task 2
- Task 3

Ex 5) Building Update

- Task 1
- *Bonus Task*

Ex 6) Revit Update

- Task 1

Questions?



Twitter:

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Blog:

www.theBIMsider.com

Facebook:

www.facebook.com/theBIMsider



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How did I do?

- Your class feedback is critical. Fill out a **class survey** now.
- Use the AU mobile app or fill out a class survey online.
- Give feedback after each session.
- AU speakers will get feedback in real-time.
- **Your feedback results in better classes and a better AU experience.**



FormIt 360 vs FormIt 360 Pro Features

Feature	FormIt 360 (free)	FormIt 360 Pro
3D sketching and modeling tools	✓	✓
Location tools (shadows, climate ^b , sat image)	✓	✓
Visualization (Layers, Scenes, Materials)	✓	✓
Groups	✓	✓
Content Library	✓	✓
Autodesk Material Library		✓
Real-time collaboration service		✓
Solar analysis		✓
Whole building energy analysis with Insight 360		✓
Import Dynamo workspaces ^w		✓



FormIt 360 vs FormIt 360 Pro Clients

Feature	FormIt 360 (free)	FormIt 360 Pro
Web client on modern browsers (no IE)	✓	✓
Mobile clients (iOS and Android)	✓	✓
Revit add-in	✓	✓
Windows Client		✓

How do I get FormIt 360?

- **Web:** <http://formit360.autodesk.com/app>
- **iOS and Android:** Free on the respective mobile stores
- **FormIt add-in for Revit:** <http://formit360.autodesk.com/download>

How do I get FormIt 360 Pro?

- **FormIt 360 Pro Subscription**
 - Buy online: <http://autode.sk/BuyFormIt>
 - Included in Autodesk AEC Collection:
<http://www.autodesk.com/collections>
 - Included in TokenFlex for enterprise contracts
- **Windows Client**
 - <http://formit360.autodesk.com/download>
 - Autodesk Desktop App



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