

BUST THE *Myths* AROUND BIM FOR SMALL FIRMS

BUILDING INFORMATION MODELING (BIM) is a process for designing and collaborating using an intelligent 3D model across the planning, design, and construction of buildings and infrastructure.

COMMON MISCONCEPTIONS SURROUND BIM. SO HERE'S THE TRUTH.

Myth #1

BIM is only for big firms and big projects.

The Truth

For firms of any size, BIM helps calculate costs within the design, saving time on budgeting and estimates. Users can make a change once and have all documentation automatically updated.

ADOPTING BIM HAS BENEFITED SMALL FIRMS IN NUMEROUS WAYS.

UNITED STRUCTURAL DESIGN

LLC in Phoenix, AZ, 2 employees



Visualize end products more easily with 3D isometric views.



Deliver projects without outsourcing drafting services.

MOHLE DESIGN INC.

LLC in Houston, TX, 7 employees



Calculate and schedule key items within design.



Sell ideas in 3D instantly to clients.

NOLAND DESIGN STUDIO

LLC in Charleston, SC, 1 employee



Improve communication to clients with accurate design presentations.



Increase production efficiency and streamline workflow.

Myth #2

BIM products are expensive.

The Truth

Getting started with BIM doesn't have to be costly. The Autodesk® AutoCAD® Revit® LT Suite is an affordable way to get started with creating high-quality 3D models and includes both Autodesk® Revit® LT and Autodesk® AutoCAD LT® software. With the new rental model, you can get it for as low as **\$42/month.***

"As our knowledge & skills improve, and our project sizes & number of jobs grow, we will look to the functionality of full Revit licensing. For now, in the early stages of this new process of design, Revit LT provides a great affordable base during the transition."

MOHLE DESIGN INC.
LLC in Houston, TX, 7 employees



Myth #3

Learning BIM is time-consuming.

The Truth

With resources and training readily available at any time and in many formats, learning BIM can be manageable for even the busiest firm.

TIME IT TAKES TO LEARN REVIT BASICS



20 MIN

Is the time it takes to complete the "Get Started" online training.



1 HOUR

Is all it takes to get trained on Revit/Revit LT Fundamentals.



6 HOURS

Is all you need to learn Revit LT Essentials for Modeling, Architecture and Documentation.

Source: CADLearning

AVERAGE REVIT ONLINE TUTORIAL: 4.5 MINUTES

A great use of time when you're microwaving lunch or during a couple commercial breaks while watching television.

LEARNING OPTIONS FOR ANY SCHEDULE

Hands-On Classroom Training | Online Courses | Free YouTube Tutorials

30-DAY FREE TRIALS FOR TRAINING

Lynda.com | CADLearning.com | Digital-Tutors | Safari | SolidProfessor

MONTHLY SUBSCRIPTION COSTS FOR TRAINING**

\$19.99 Lynda.com | \$24.99 CADLearning.com | \$29 Digital-Tutors | \$39 Safari | \$49 SolidProfessor

Myth #4

Productivity suffers during the transition to BIM.

The Truth

Productivity gains can outweigh the initial loss during training. Here's how transitioning to BIM helped a small firm in Savannah, GA.

Lott + Barber Architects has seven employees and transitioned to BIM with Revit software in 2004, and now uses it for all new projects. They compared time spent on two similar projects using Revit vs. traditional CAD tools.

1,824

CAD TOTAL HOURS

VS

1,141

BIM TOTAL HOURS

LOTT + BARBER ARCHITECTS SAVED 683 HOURS, TOTALING TO A **37% PRODUCTIVITY GAIN.**

100%

50%

0%

More than half of BIM users experience a **50% productivity gain** in the long run.

Nearly 20% of users experience productivity gains of more than **100%.**

Source: Catalyst

WHO WILL BENEFIT FROM BIM?

BUILDING OWNERS

CONTRACTORS

DESIGNERS

ENGINEERS

ARCHITECTS

BIM UNCOVERS ALL VIEWS OF THE SAME UNDERLYING INFORMATION.

Designers can spend more time designing and be confident that their designs look good and perform as expected.

Owners and contractors may coordinate data and accurately communicate design intent to clients.

WITH A RANGE OF BIM SOLUTIONS, STARTING WITH AUTODESK AUTOCAD REVIT LT SUITE, TRANSITIONING TO BIM IS ACCESSIBLE TO ANY SMALL AEC FIRM.

GET STARTED WITH BIM TODAY.

LEARN MORE ABOUT BIM AT AUTODESK.COM/REVITLT

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**Such training is offered by third-parties, and not by Autodesk. The costs for such trainings are independently set by each respective third-party. Autodesk provides these prices for reference only, and information about such trainings and their costs can be found at the following sites:

<http://www.lynda.com/promo/trial/default.aspx?pk35-9278>

<http://www.cadlearning.com/products/individual-membership/>

<http://www.digitaltutors.com/itl/pricing.php>

<https://www.safaribooksonline.com/pricing/>

<http://www.solidprofessor.com/training-plans/autodesk-revit-training-courses/#pPlans>

SOURCES:

<http://www.bimhow.com/top-3-bim-myths/>

<http://www.lineshapespace.com/better-faster-stronger-benefits-of-bim/>

<http://www.autodesk.com/solutions/building-information-modeling/overview>

http://www.tpm.com/wp-content/uploads/2013/02/BIM_for_small_firms-1.pdf

<http://www.catalyst.com/see-the-five-fallacies-bim-part-1-1-2-3-revit-tutorial-3688>

