

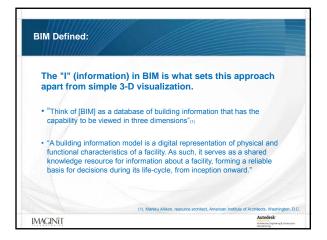


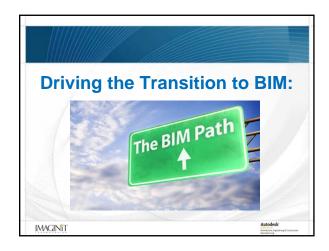




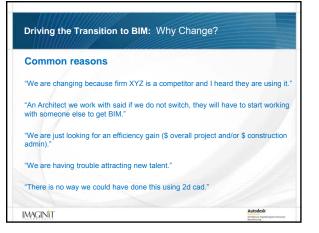


Who is IMAGINiT: Industry Leading People, Org	anization and Resources
IMAGINIT: Services	we provide
Professional Services	Software Solutions
Consulting Implementation Technical training Solution Center: PNOW Software development	Autodesk Software Solutions E-Specs (Specifications Mgmt) ASCENT: Autodesk Courseware SOLO: Searchable Online Learning Objects
 Data & Document Management Project Management Design Visualization 	Scan to BIM Leica Scanner / Dealer SmartBIM Content Management Clarity for Revit Server
IMAGINIT	Autodesk Antone figurerig & Contractor







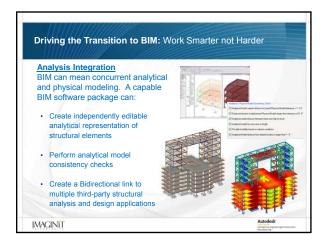


Driving the Transition to BIM: Owners want it

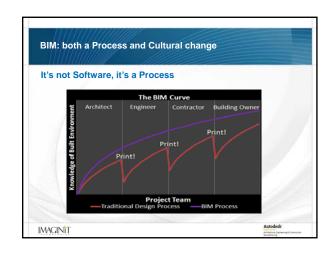
Owners are now beginning to require BIM

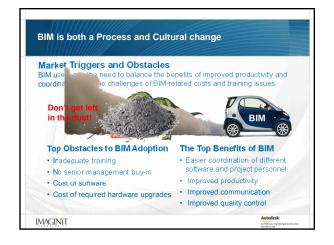
- Owners are hearing about projects coming in at $\underline{10\%}$ lower than budgeted when architects and engineers created their drawings and specifications using BIM as their modeling tool
- There are early reports of projects coming in at 20% lower than budgeted when IPD (Integrated Project Delivery) is used on a project
- · Conflicts are worked out in the model and not in the field
- Prefabrication is possible because dimensions are very accurate and there is confidence that the prefabricated items will fit SOURCE: REED CONSTRUCTION DATA 02/08/10

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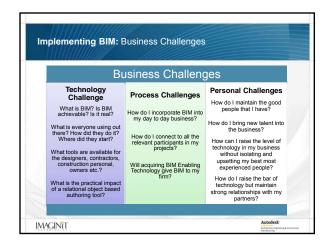






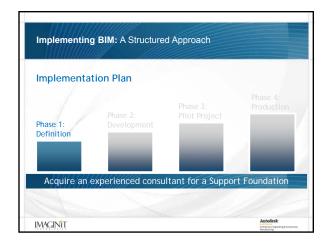




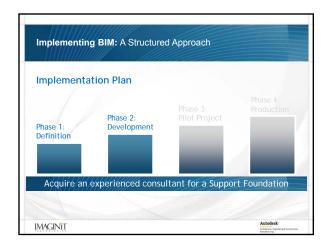




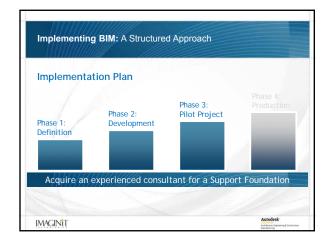




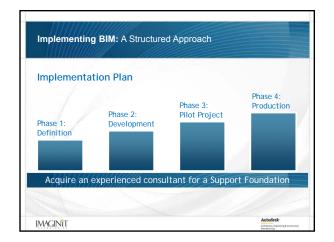














All things Considered

Some final thoughts, Opinions, and Items to watch out for:

- You must have "Executive Buy-in" to have a successful "BIM Implementation"
- When selecting a "Pilot-Project"
- Select a project type you know
 Select a project that is <u>not</u> geometrically complex
- Select a smaller scale project
- Select a project that does not have a tight deadline
- Select a project that does not have a tight deadline
 Don't make the most important project you will ever do your first project
- Team selection:
- Binsure that people on team are positive and want to make this work
- . Keep the skeptical "Naysayers" off the first team and first project
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All things Considered		
Some final thoughts, Opinions, and Items to watch out for:		
	Plan your implementation	
•	Get the proper training not the just basics	
	Establish Corporate BIM standards	
•	Every team must have a model manager (usually an advanced technically savvy user)	
•	Establish your templates "Before starting project"	
	Make sure you know how to customize the objects within the BIM Program	
	Get the proper hardware (BIM usually requires top of the line technology)	
	Understand the network requirements	

Be aware of the workflow when working over a LAN vs. a WAN

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Case Studies with this Process: DLW Architects All things Considered Some final thoughts, Opinions, and Items to watch out for: DLW Architects Survives Florida Downturn with Autodesk® Revit® and IMAGINIT with Autodesk' Revit and Important Technologies Family Firm Invests in Tough Economic Times to Secure a Competitive Advantage and potential clients Don't ever fall back to CAD it should not be an option Remember this is not drafting Understand that your BIM drawing sets Will not look 100% like your current cad drawings David L. Wallace & Associates (DLW) architectural firm in Dunedin. Florida with a When working with the Architects and MEP designers: relatively small team that works on big projects ranging from mixed-use projects You need to have a Project Kickoff Meeting in urban centers to standalone suburban restaurants and everything in betw een Establish common insertion points DLW was a pure AutoCAD shop and in particular, the production manager had no Ideally the structural engineers should be involved early in the process intention of converting to Revit. But firm principal, David L. Wallace Jr. listened to Ensure that all trades are using the same version and update version his intuition and put together a small team to learn Revit in order to handle this client's business Establish a procedure for sharing the model and update frequency IMAGINIT IMAGINIT



