Integrated Project Delivery with BIM

Integrated project delivery (IPD) is the emerging standard for early collaboration and effective decision making in the building industry today. Incorporating a building information modeling (BIM) toolset into any aspect of the IPD process enables project teams to use information in an integrated environment, increasing efficiency and enabling new ways of working that inspire more creative and sustainable designs.

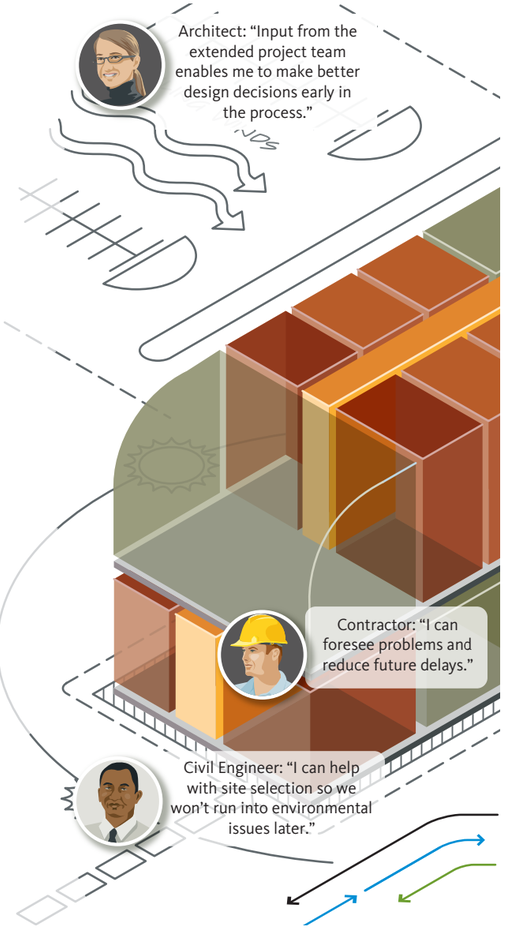
Keys to Integrated Project Delivery

- Involve all team members in design meetings, including contractors.
- Institute building information modeling.
- Facilitate collaboration.
- Set up contract mechanisms that enable open collaboration.
- Minimize paper-based processes, and collaborate digitally.
- Check for and manage interferences between trades, digitally.
- Create a culture of trust and sharing.
- Communicate design ideas using 3D visualization to keep everyone aligned.

PROJECT PHASES

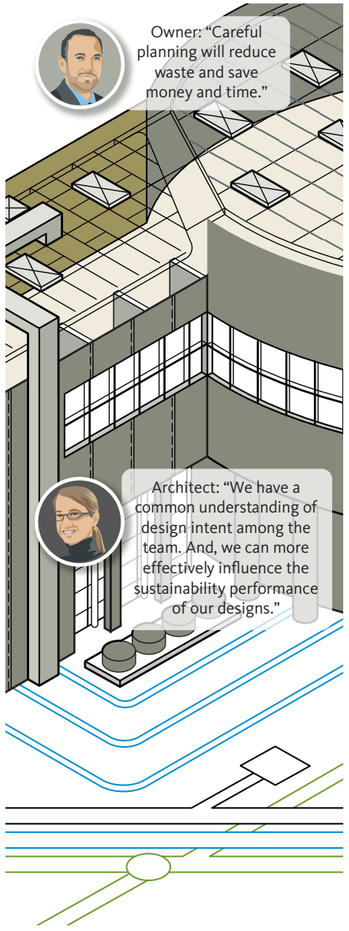
The project team comes together at the earliest stage, improving accuracy of decisions. The rest of the process becomes more predictable, thus avoiding costly redesign work.

CONCEPTUALIZATION



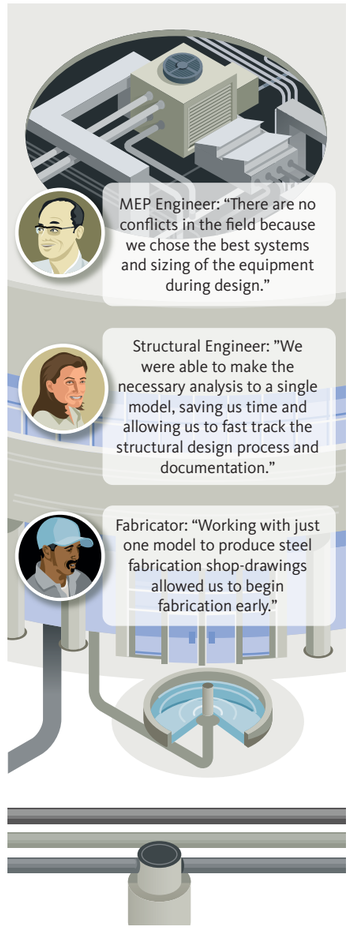
Collaboration between the architect, contractor, and engineers allows for better decision making, helping to improve quality and mitigate risk.

DESIGN



Precise virtual models are automatically part of the design, helping to reduce uncertainty in documents and interferences during construction.

IMPLEMENTATION DOCS



Because of careful early planning, team members are able to use materials efficiently, creating less waste. Change orders are minimized, and no operational revenue is lost. Construction can be completed on schedule and on budget.

CONSTRUCTION

Owners can enjoy better quality assurance on their completed project and are provided with a complete virtual building for operational and renovation purposes.

OWN / OPERATE

TOOLS

Revit® Architecture	Revit® Architecture	Revit® Architecture	Autodesk® NavisWorks®
Revit® Structure	Revit® Structure	Revit® Structure	Revit® Architecture
Revit® MEP	Revit® MEP	Revit® MEP	Revit® Structure
AutoCAD® Civil 3D®	AutoCAD® Civil 3D®	AutoCAD® Civil 3D®	Revit® MEP
Autodesk® 3ds Max® Design	Autodesk® 3ds Max® Design	Autodesk® Design Review	AutoCAD® Civil 3D®
Autodesk® Maya®	Autodesk® Design Review	Autodesk® NavisWorks®	Autodesk® Inventor™
Autodesk® Inventor™	Autodesk® NavisWorks®	Autodesk® Quantity Takeoff	Autodesk® Design Review
Autodesk® Impression	Autodesk® Quantity Takeoff	Autodesk® Inventor™	Autodesk Collaborative Project Management
Autodesk Collaborative Project Management	Autodesk Collaborative Project Management	AutoCAD®	
		Autodesk Collaborative Project Management	

Autodesk® FMDesktop™
Autodesk® Design Review
Autodesk Collaborative Project Management

Autodesk®

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