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Autodesk Buzzsaw®

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AUTODESK BUZZSAW®

THE NEED

Construction now involves various interdisciplinary firms, departments and specialized agencies. Co-ordination and communication between these various entities becomes important especially on large projects. Individual firms need to have latest schedules, drawings, specifications and information to keep them current. Inefficiencies in collaboration can give rise to errors, delays, miscommunication and losses. For improving these efficiencies between various project teams working together, the construction industry is looking for solutions from the IT industry. Delivered on demand, Buzzsaw helps simplify and centralize project-related documents and information so you can successfully execute projects based on timely decisions and accurate information.

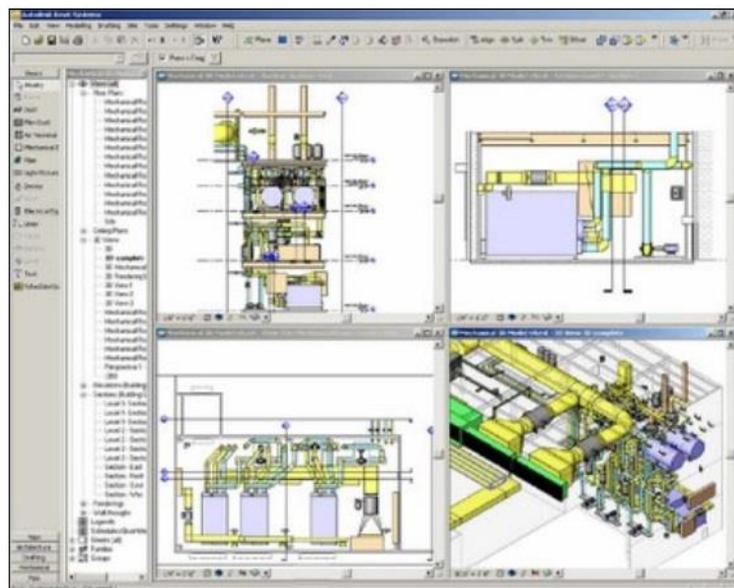


FIGURE 1 A DESIGN REVIEW SCREENSHOT OF BUZZSAW

THE TECHNOLOGY

What is Autodesk Buzzsaw? Autodesk® Buzzsaw® is a software solution enabling the successful execution of your projects through a central database, collaboration and communication with access control. The software has capacities of exchanging and viewing drawings, schedule reminders and specifications. Users can directly comment



on AutoCAD drawings with the date of comment and name of commenter displayed. A chronological list of all comments that a drawing received is stored in the system and is accessible. Engineering review of the drawings can be conducted through Buzzsaw®. Individuals can comment on drawings and convey the same to the concerned person/team. Changes, revisions and updates in drawings can be accessed through the central database and all connected people get automatic updates of the same.

The software allows you to upload files into specific Project folders. The files are stored in a central database and are accessible to the team members. The accessibility rights can be granted by the system administrators so an individual can read, create new files, update, comment, etc. Later these files can be shared with your team members or other agencies through email. Leading companies across all industries are using Autodesk Buzzsaw to run projects with greater simplicity, security, and profitably.

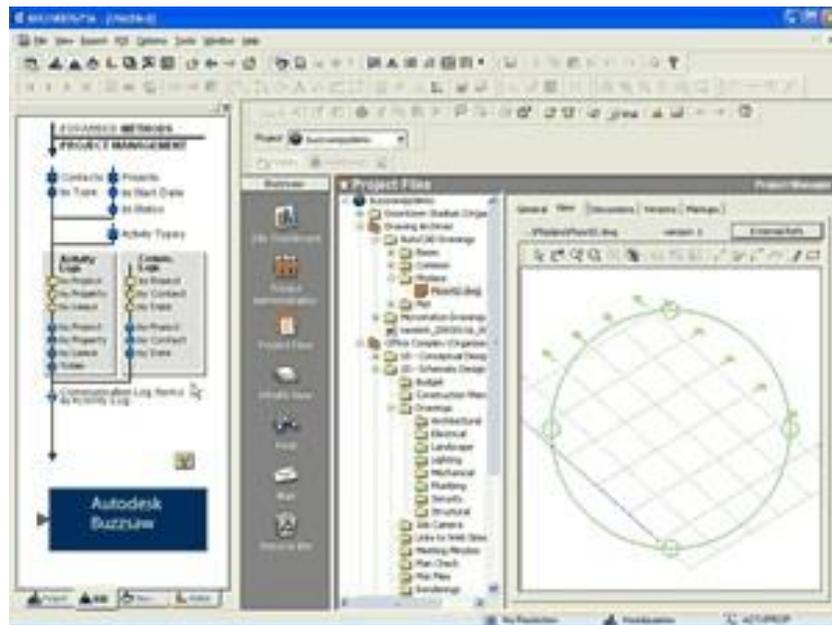


FIGURE 2 YOU CAN OPEN AND COMMENT ON RIVET DRAWINGS THROUGH BUZZSAW

THE BENEFITS

The advantages of Buzzsaw are threefold: Simplify, Centralize and Streamline.

- Simplify: Buzzsaw® allows you to automate business processes for efficient collaboration. It provides speed adoption with easy-to-use solutions. Users can directly comment on drawings. The software is designed to make the interactions intuitive with a configurable interface.
- Centralize: With Buzzsaw® you can create a central repository for all project information. This provides a secure, on-demand access to designs, documents, and information. A central database means



all the project members have the latest version of drawings and latest revisions of documents. The system also automatically notifies project team members of changes and updates.

- Streamline: A simplified and centralized system makes communication and collaboration easy. Buzzsaw® improves communication among project team members. You can now deliver projects on time by reducing errors and delays. Decrease traditional, paper-based business overheads.

STATUS

Buzzsaw® came into conception in the early 90's and has been developing since. With its increasing popularity, Buzzsaw® was later bought by Autodesk in 2003 and now is emerging as an industry wide phenomenon. Buzzsaw® is currently in its 4th version.

BARRIERS

The software works in collaboration with AutoCAD and Autodesk® Rivet® and should be used with these software for utilizing all its features. Shifting to a Buzzsaw® based setup may involve some training and loss of productivity of about 3 to 4 weeks initially. Proper planning is essential before deciding to shift to Autodesk ® Buzzsaw-Rivet system.

POINTS OF CONTACT

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REFERENCES

1. <http://www.autodesk.com/buzzsaw>

REVIEWERS

Peer reviewed as an emerging construction technology

DISCLAIMER

Purdue University does not endorse this technology or represents that the information presented can be relied upon without further investigation.

PUBLISHER

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