

What's New: 2009.1

Summary

Viewing Enhancements with new PDF and drawing comparison support (Buzzsaw Standard and Buzzsaw Professional): Buzzsaw 2009.1 provides design review and redlining for the latest versions of Autodesk design applications with full integration of Autodesk Design Review 2010 and DWG TrueView 2010, including ADR 2010 features for viewing and redlining PDF's and comparing two drawing files.

Administration Improvements (Buzzsaw Standard and Buzzsaw Professional): Adding and updating members and groups is much easier with Buzzsaw 2009.1. Administrators can add and update member information offline and then import the changes.

Document Register Enhancements (Buzzsaw Professional) – We have added the ability to add 10 custom attributes to a Document Register, enabling greater flexibility for managing and organizing project documents, regardless of the file format. Additionally, attributes are no longer specific to file type and can be applied across all files regardless of type.

Bid Management Enhancements (Buzzsaw Professional) – The Buzzsaw Bid Manager business process supports multi-file upload through the dashboard interface for both administrators and bidders. It is also integrated with the Buzzsaw file hierarchy, providing bid administrators the ability to easily view and manage all bid-related project documents.

Form Designer Improvements – (Buzzsaw Professional) The Buzzsaw Form Designer feature, which enables administrators to easily customize and manage their Buzzsaw forms, has been improved to support more complex calculations and provides proper currency formatting.

Microsoft Internet Explorer 8 compatibility – Buzzsaw now supports Internet Explorer 8

Defects Fixed – We have made numerous updates to improve product quality.

Viewing Enhancements

Buzzsaw 2009.1 fully supports Autodesk Design Review 2010 and DWG TrueView 2010. In addition to providing an all-digital way to view, print, and mark up versions of 2D and 3D drawings, maps, and models (without the original design-creation software), new features include the ability to review and mark up PDF files and compare designs.

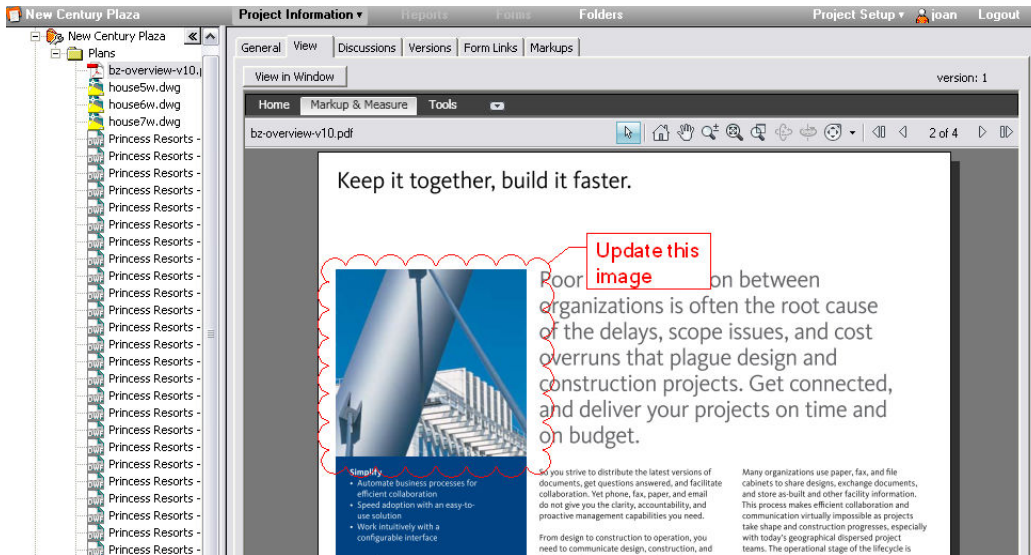


Figure 1: PDF review and redline

The Drawing Compare feature on Buzzsaw enables you to easily view changes. You can compare drawings in three ways: 1) two different drawings on your Buzzsaw site, 2) one drawing on Buzzsaw and the second on your hard drive, and 3) two versions of the same drawing (on Buzzsaw).

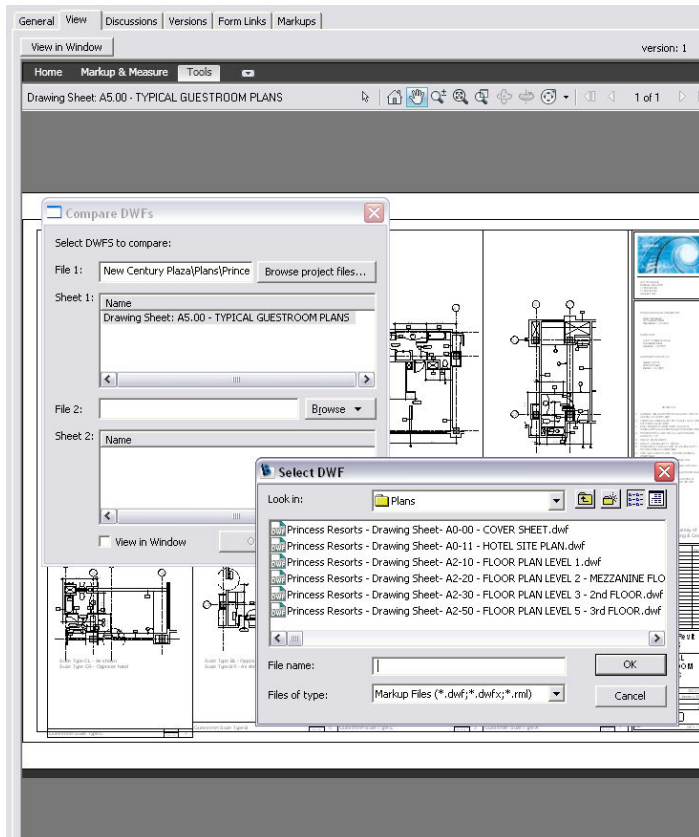


Figure 2: Compare two drawings in Buzzsaw

You will also notice the new ribbon interface, which makes Autodesk Design Review even simpler to use. Tabs are grouped based on workflow, and common commands are available with fewer clicks.

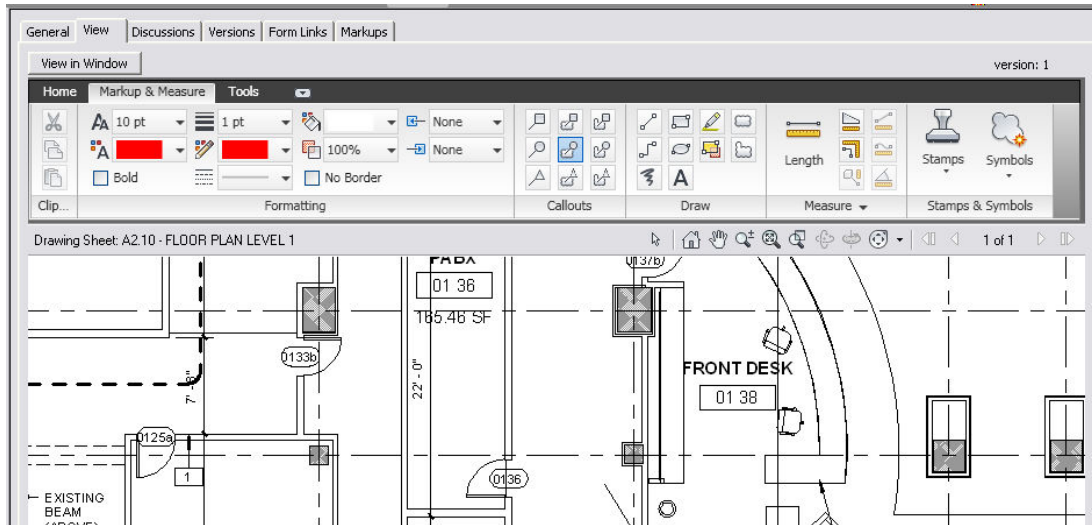


Figure 3: New Autodesk Design Review 2010 Ribbon UI inside Buzzsaw

Note: For Users with 64-Bit Operating Systems: When viewing DWG files within Buzzsaw, publish to DWF is not supported.

Administration Improvements

Adding and updating members and groups is much easier with Buzzsaw 2009.1.

Administrators can add and update member information offline and then import the changes.

- The Member list now allows Administrators to include Group Membership as an optional column
- The Export Feature now allows the user to include group information when exporting a member list.
- The Import feature allows importing group information, group creation, and provides the ability to assign users to groups during import.
- Administrators can control users' membership changes during import, and if there are new groups in the .csv file (i.e., groups that do not yet exist on the Buzzsaw site) these groups will be created during importation.
- Administrators can make changes to member information by using the export/import function.

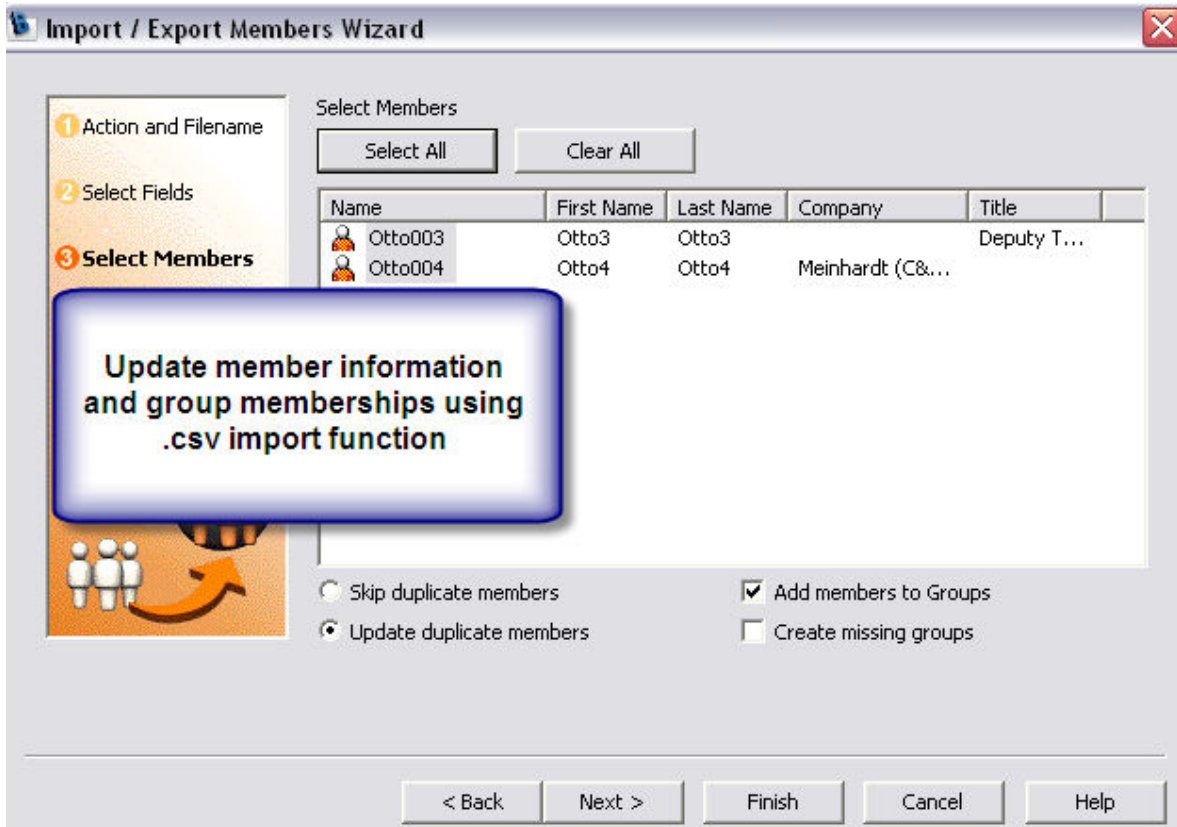


Figure 4: adding members to groups using Import in Site Administration

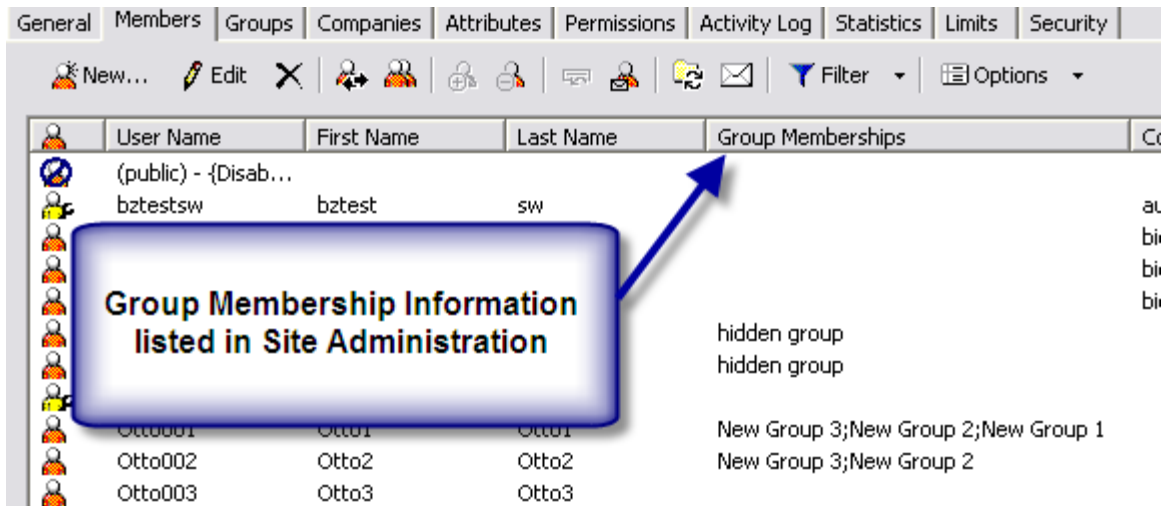


Figure 5: display group membership information in Site Administration

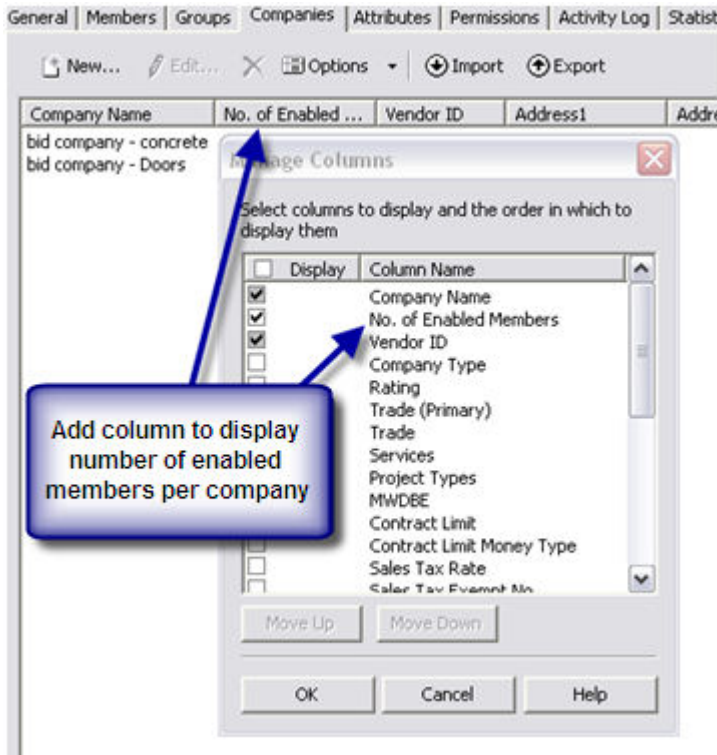


Figure 6: Display number of "enabled members" in Site Administration>Companies

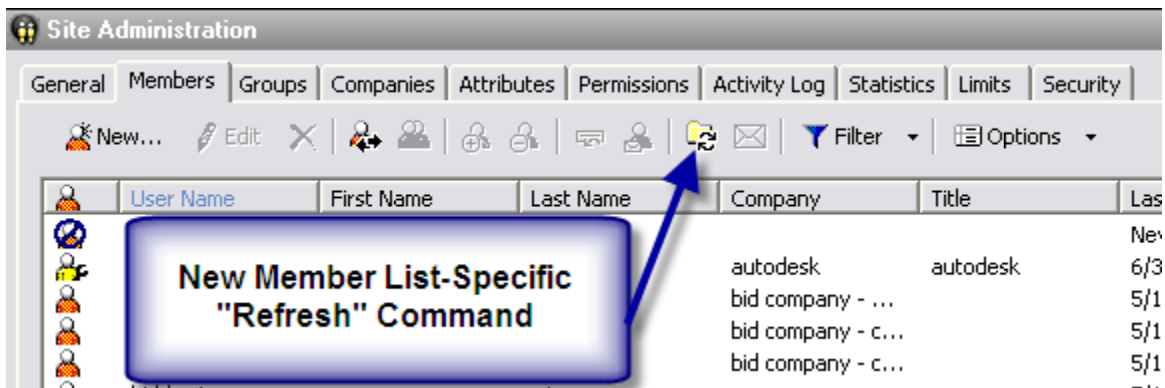


Figure 7: Administration: added a "refresh" button to Site and Project Administration member list.

Document Register Enhancements

Buzzsaw Professional Administrators can now add 10 customized attributes to a Document Register. This allows for greater flexibility in managing project documents.

The generic fields are available in the Document Register Options>Documents Display tab. Fill in the field names as needed, or leave blank. The fields are only displayed in the Document Register if the **Display** option is selected.

Project members can add attributes for all file types during file upload (either when uploading using the Buzzsaw file upload wizard or when adding directly through the Document Register user interface). In addition, project members can fill in any attribute and add 10 generic fields for an existing Document Register record regardless of the type of file.

Document Register >> Document Register Options

Document Register Options

Save & Return Cancel

Documents Display Distributions Display Administration Options

Revision Formatting

Prefix: Suffix: No. of digits (1-10):
Example: X

Specify Columns and Display Order

Columns will appear in the same order (from left to right) as they are displayed in this list (from top to bottom).

Document Tab Columns	Display	Required
<input type="checkbox"/> File Name	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Registry Entry Title (always required)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Revision	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Revision Date	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Author <input type="checkbox"/> Allow users to edit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Discipline	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Creation Date	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Project ID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Status	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Phase	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Drawing Name	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Drawing Reference	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Division	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Drawing Size	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Drawing Format	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Drawing Series	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 1	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 2	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 3	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 4	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 5	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 6	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 7	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 8	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 9	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Document Register Field 10	<input type="checkbox"/>	<input type="checkbox"/>

Move Up Move Down Create Import Template

Generic fields you can customize.

Figure 8: Document Register custom attributes

Bid Management Enhancements

Within Buzzsaw Professional Bid Management has been updated with the following enhancements:

- Support for multiple file upload – Bidders can upload multiple files at once as part of their bid submission. These uploaded files are then reflected in the Bid Manager Dashboard.

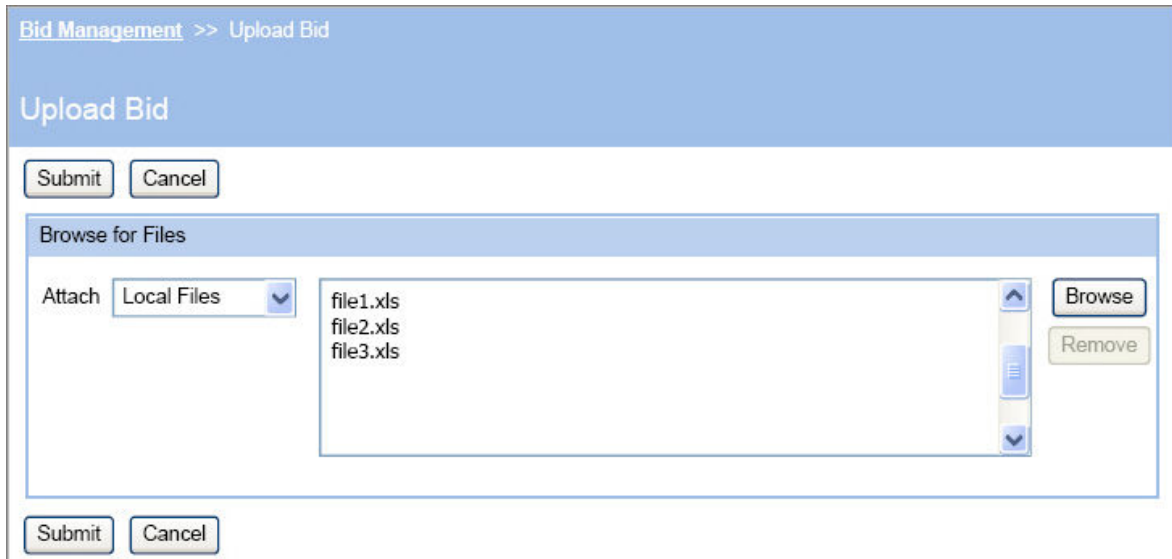


Figure 9: bidders can upload multiple files at once

- Integration with the Buzzsaw files and folders – Bid Administrators can copy files (which have been submitted by bidders) to their Buzzsaw standard file and folder structure for easy review and processing.

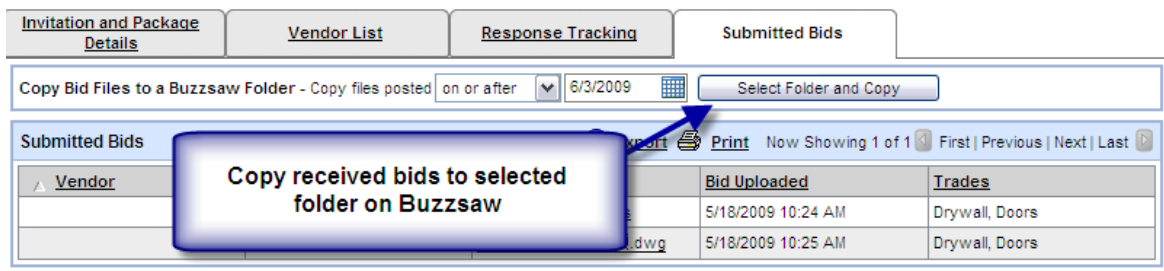


Figure 10: Integration with Buzzsaw files and folders

Form Designer Improvements

The Buzzsaw Professional Form Designer feature now provides enhanced support for calculations and proper currency formatting. Calculations on text box fields with expression values are now supported, providing greater flexibility and applicability to many more business processes. Approval Forms designed in InfoPath are now supported. InfoPath forms created using the Form Designer feature can be customized to integrate with the Serial Approval workflow.

Add new items to the table with the "Insert Item" button; the subtotal updates when a new item is added.

Units	Price	Product (auto decimals)	Product (2 decimals)	Product (no grouping)
123	\$ 23	\$ 2,829	\$ 2,829.00	\$ 2829.00
212	\$ 34	\$ 7,208	\$ 7,208.00	\$ 7208.00
Sub-Total [Text Box] \$ 10,037			\$ 10,037.00	\$ 10037
Sub-Total [Expression Box] \$ 10,037			\$ 10,037.00	\$ 10037
Tax (5%) [Text Box] \$ 501.85			\$ 501.85	\$ 501.85
Tax (5%) [Expression Box] \$ 501.85			\$ 501.85	\$ 501.85
Total [Text Box] \$ 10,538.85			\$ 10,538.85	\$ 10538.85
Total [Expression Box] \$ 10,538.85			\$ 10,538.85	\$ 10538.85

Figure 11: Examples of Form Designer enhanced calculation and currency support

The screenshot shows a software window titled 'View' with a tabbed interface. The 'General' tab is active, displaying metadata: Author: rajdeepg, Version: 3, Created: 4/15/2009 3:40 PM, Modified: 4/15/2009 3:58 PM. Below this is a toolbar with 'Close', 'Edit', and 'Assign' buttons. The main content area is a yellow 'Approval' form. It includes fields for 'Date Started' (2009-04-15), 'Date Due' (2009-04-18), and 'Document No.' (0001). Project information includes 'Project Name: Approval Form' and 'Project Number: 00A'. Reference numbers 001, 002, and 003 are listed. The author is 'Rajdeep Gupta' and the subject is 'Remodeling the 2'nd Floor on 1 Market.' The description is 'We want to remodel the Second Floor of the One Market Building. This floor used to be occupied by'. The 'Approval Status' section shows two entries: 'Approved: Yes' with comment 'That is a great idea!' from 'Approver One' on 2009-04-15 3:45 PM, and 'Approved: No' with comment 'It is too expensive!' from 'Approver Two' on 2009-04-15 3:57 PM. The 'Action Required' field contains the text 'Need to get full approval by everyone before consturction starts.' A blue callout box with arrows pointing to the approval entries contains the text: 'Approval status and comments display directly inside the form'.

Figure 12: Custom approval form with Serial Approval workflow integration

Improved member selection for Business Processes

Buzzsaw Professional business processes now utilize an improved member selection control, a control which has the added ability to navigate to a specific page, first page, and last page. This is particularly useful for projects with large memberships.

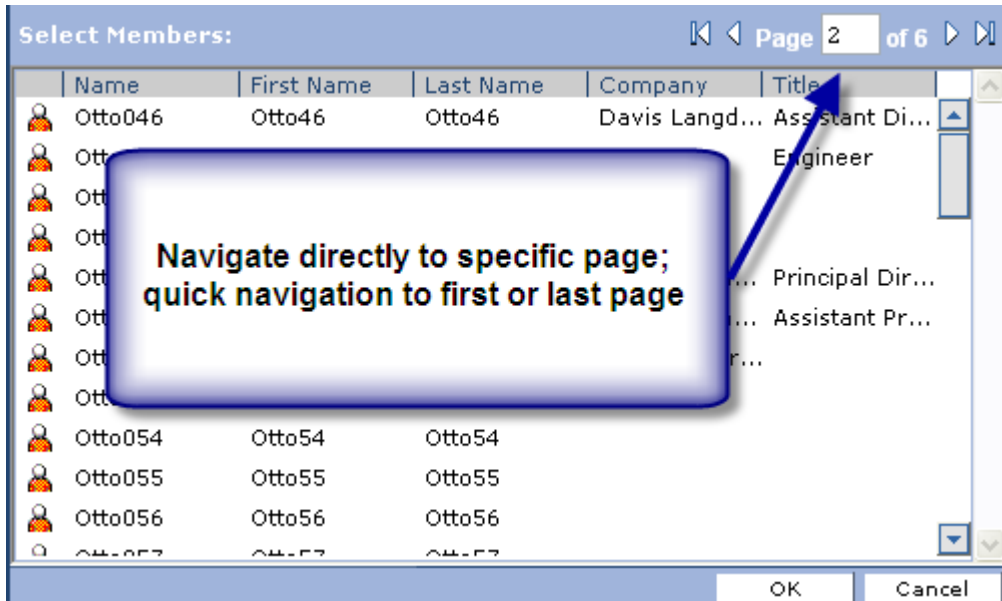


Figure 13: member selection for business processes

Microsoft Internet Explorer 8 Compatibility

Buzzsaw has been updated to support the Microsoft Internet Explorer 8 browser.

Notable Defects Fixed in Buzzsaw 2009.1

Reference ID	Description
1911	Administration: After all group members are deleted, the group icon continues to display the "expand" icon.
2782	Administration: For a project with name that includes "&" set up using a local file, the Buzzsaw Web Access UI is displayed instead.
1463	Administration: Site Administrator can empty the recycle bin for the entire site from a Project Administration Statistics Tab (user expects Project data only).
2857	Administration: when adding members to a project and assigning "List" access, multiple notification dialog boxes display if those members already have access by virtue of group membership.
1538	Archiving: Date field blank for archived forms created with Form Designer (Infopath).
545	Archiving: Errors when archiving forms with attachments.
2730	Bid Manager: Attributes "hidden" in Site Administration display in Bid Manager.
2762	Bid Manager: Error message when user without correct permission clicks on action item in the project dashboard.
2761	Bid Manager: Export of bid responses when there is no response displays date "1/1/1900" or "1/1/0001."
2819	Bid Manager: Sometimes, Site Administrators are not available as potential Bid Administrators.
1627	Browser: When a user attempts to access Buzzsaw through an unsupported browser, the user receives a "Site Unavailable" error message.
909	File Management: Download performance and periodic failures with large files.
910	File Management: Download transfer status not correct for large files.
1407	File Management: Incorrect file size display for larger files (2+ GB).
2717	File Management: Markups not displaying in Buzzsaw Web Access.
2410	File Management: Unable to rename a file in search results if file with same name exists (even if the file has a distinct path).
2638	File Management: Upload failures for large (2 GB +) files at slow connection speeds.
467	File Management: When a user deletes a file with a long name, the Confirm Delete message does not display properly.
2598	File Management: When an upload is cancelled, an empty (0 Byte) file is displayed.
2063	File Management: When files are copied from Buzzsaw to a local drive using copy paste or drag and drop, they are created with the read-only attribute.
Reference	Description

ID	
842	Forms: Date inconsistency in November (only) with Form Designer Infopath forms.
2470	Forms: Project Admin unable to see Options Button in Form Logs.
2785	Hyperlinks: Address link on Project Executive Dashboard causes errors when closing.
1199	Hyperlinks: Links broken when containing the "&" symbol.
2877	Hyperlinks: Under certain circumstances, Buzzsaw crashes when a user clicks on Internet link (URL).
2565	Hyperlinks: When clicking on a link to a Project, the user sees the folders view and not the specified Project Information Page.
125	Localization: Chinese Client, OK, Cancel, Apply, Help not translated.
2040	Localization: Errors in Japanese client-generated assignment email notifications.
2752	Localization: Form attachments with a Japanese file name not viewable.
2474	Localization: Japanese version, Approval Form word order.
2407	Notifications: Email errors when a single user has multiple email addresses associated with one username/password.
2809	Notifications: Incorrect email notifications sent to an individual group member if individual's permission (not group permission) is changed.
2768	Notifications: Parentheses in project name prevents notifications from being deleted in Notification Manager user interface.
2406	Search: Errors when searching for files with similar file names.
1823	Technical Publications: Help documentation for permissions needs updating.
2639	Usability: Added ability to send an email directly to a group from the members tab (send email added to group right-click menu).
2473	User Interface: display the current selected item in the status bar at the bottom of the Buzzsaw client application.
2758	User Interface: Added a column in Site Administration>Companies to display number of active members per company.
808	Viewers: Unable to install English and Japanese versions of ADR 2009 and DWG TrueView from Buzzsaw on Windows Vista operating system.