Autodesk Buzzsaw
Anatomy of a Successful Buzzsaw site
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Learning Objectives

At the end of this class, you will be able to:

- Understand Buzzsaw’s out-of-the-box tools and the implications of folder structure/ permissions/ nomenclature
- Design an Autodesk Buzzsaw Administrative work-flow
- Leverage the power of Buzzsaw’s “companion” applications and API’s through Buzzsaw’s “WebDAV” protocol
- Learn what’s coming next, from a Systems Developer perspective
Class Summary

Autodesk Buzzsaw provides a flexible means to introduce the power of “the cloud” into any existing workflow.

This presentation will cover a combination of best practices, useful utilities, learning and training strategies, and ideas to maximize adoption across various disciplines and skill levels. If you have an existing Autodesk Buzzsaw site or you’re interested in leveraging the benefits of Autodesk Buzzsaw and it’s companion programs, you’re in the right place.
Understanding Buzzsaw’s “out-of-the-box” Tools
“Public User” Profile: When To Use It

- What is the “Public User”?
  - The “Public User” allows access to a Buzzsaw site for a non-registered user.
  - Anything to which the “Public User” has access is not secure, although it’s not “discoverable” through a Google search.
5,000 Licenses = 100,000 Users with access
Buzzsaw from Marriott’s Extranet

Page from Marriott’s extranet site. All links lead to HTML pages sitting on Buzzsaw.

This page sits on Buzzsaw. All links lead to HTML pages sitting on Buzzsaw.

This page sits on Buzzsaw. Each links lead to the PDF of the Design Standard document.
The Buzzsaw URL Hyperlink

- This is not the Buzzsaw “Link”
- Coding to force the link to launch within an active Buzzsaw session vs. coding to launch a new instance of Buzzsaw.

**Typical COPY URL link:**

**Engineered COPY URL link:**
- projectpoint://Marriott/B%29%20Design%20Standards/Marriott%20Hotels%20and%20Resorts%20-%20International/1%29%20Current/A%29%20Design%20Standards
External API = No re-keystroking
Request Access

New User
Never had a Marriott A&C Buzzsaw account?

Renew Expired
Renew an old Marriott A&C Buzzsaw account?

Update Existing
Need access to a new project?

Lodging Development
Online resources

ACE
(A&C Consultant Exchange)
Keep your company information up-to-date
Requested Access – The API

“Submit” button kicks off an Application Programming Interface (API) which

- Turns the data from the request form into a CSV file and
- Drops the CSV file into the appropriate folder on Buzzsaw

(based on the Design Standards to which the user has requested access)
Requested Access – the API

The Buzzsaw Administrator will

- Download all new CSV files from Buzzsaw
- Combine approved requests
- Upload the CSV file with approved registrants into Buzzsaw as users

Review User Requests
Life Cycle of Project Documents

**Determine Project Feasibility**
- Internal Access Only
- Pre-Committee Working Area

**New Build and Conversion**
- Internal/External Access (*except to “Internal Tracking”)*
- Design And Construction Working Area

**Development Committee Approval**

**Renovations**
- Internal/External Access
- Files Copied From Project Archives
- Design and Construction Project Working Area
- Final Documents Moved to Archives

**Property Archive**
- Internal Access Only
- MARSHA Added to folder name
- Renovation Folder Added
- Operations Folder Added

**Paper Archives**
- Scanned drawings for all Marriott hotels in the world.

Three Months After Opening

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Groups Overview

- **Buzzsaw Group** (All Users)
  - Naming Convention = 1 + All Users
  - Permissions = View Only rights to opening splash page and tutorials
  - Members = All members

- **“Brand” Groups**
  - Naming Convention = 2 + Full Brand Name + “Internal” or “External”
  - Permissions = **View Only rights** to all Design Standards for that Brand
  - Members = "Internal" by default, only MI Associates in need of that Brand’s documentation
    = “External” by default, all Owners and outside consultants approved to received that Brand’s documentation

- **Ownership Groups**
  - Naming Convention = OASIS **“Account”** Name
  - Permissions = **Edit rights** to all Projects Owned
  - Members = By default, all members of the Ownership Group

- **MI Groups** (Product Development, Special Initiatives, Early Adopters, etc.)
  - Naming Convention = 1+ A&C Department Name or “Brand” Project Admin
  - Permissions = **View Only rights**
    = Edit Rights
    = Admin rights
  - Members = All members established by MI Associate

- **Marriott Managed Renovations** (Marriott Consultants, Bidders, Architects/ID/Drapery Installer/ etc.)
  - Naming Convention = Brand-Country-State-OASIS Property Name-MARSHA-Account Number
  - Permissions = **View Only rights**
    = Edit Rights
    = Admin rights
  - Members = All members established by MI Associate
Managed Renovation Project Folder Structure

Internal Marriott International View
Managed Renovation Project Folder Structure

Ownership View

A) Project Information
   1) Project Directory
   2) Site Photos
      a) Initial Survey
      b) Sample Rooms
      c) Final
      d) Miscellaneous

B) Design
   1) Archive - Existing Drawings
   2) Scope
   3) Drawing Review
      a) Initial Schematic Plan
      b) Progress Set
      c) Permit Set
   4) Project Manual
      1) PPE Matrix

C) Bid Folder
   1) Bidder's Instructions
   2) Construction Bid Documents
      a) Drawings
      b) Project Manual
   3) Sample Contract Documents
      a) Insurance Requirements
      b) Contract Documents
      c) Textura
   4) Exclusions and Clarifications

D) Construction Administration
   1) Project Schedule
   2) RFIs
   3) Change Order Proposal
   4) Shop Drawings

Edit Access
Edit Access
View Only Access
Edit Access
Managed Renovation Project Folder Structure

Marriott Design Consultant View
External Architect
Managed Renovation Project Folder Structure

Bidder View (non-awarded)

General Contractor

View Only Access

View Only Access
Managed Renovation Project Folder Structure

Bidder View (awarded)

General Contractor

View Only Access

View Only Access

Edit Access
The Companion Applications = Endless Opportunities
What's Next?
LEVERAGE BUZZSAW FOR NEW EXPERIENCES
CAN WE SEARCH BUZZSAW WITH GOOGLE EARTH?
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CUSTOM BRAND ROLL OUT SOLUTION.

WHERE USERS NEVER GO TO BUZZSAW? BUT DESIGN DOCS ARE IN BUZZSAW?
Drawing File Folders
# Lighting Fixture Specifications Files

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Lighting Fixtures Specification Thumbnails
Drawing Plans – Folders and Files in One View
Light Fixture Specifications Images
Buzzsaw as Document Management for Other Enterprise Systems
Thank You

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