



AUTODESK CONSTRUCTION CLOUD

Consulting Services

WHAT IS AN AUTODESK ELITE CONSTRUCTION PARTNER?

Using our industry and technology expertise, Man and Machine have the in-house expertise to ensure that your organisation gets the level of support it requires to deploy and utilise the Autodesk Construction Cloud.

From initial implementation of your desired workflows, right through to supporting the team in the weeks and months that follow, it is our ethos to ensure that any investment from our customers is a long-lasting success. How do we do this? By involving our team in your digital transformation discussions much earlier in the process. Your organisation will not only see the benefits of the Autodesk Construction Cloud, but you will also see a clear vision of how adoption of the technology will drive efficiency and productivity gains.

We also want to ensure that these gains reach the wider organisation. Trying to implement change in an isolated manner only creates problems later on down the line. By working with Man and Machine you can avoid these common problems, as well as support your team every step of the way. More importantly it then ensures your projects are delivered successfully.

Don't just take our word for it. Contact the team today and see for yourself how we can support your organisation or visit our social media for plenty of demonstrations, feature videos and upcoming webinars:

<https://www.youtube.com/user/WatchCADMandMachine>

<https://www.manandmachine.co.uk/>

<https://www.manandmachine.co.uk/about/blog/>



Man and Machine



@ManandMachine_UK



Man and Machine UK Ltd



@ManandMachineUK



Man and Machine

CONSULTING AND ONBOARDING SERVICES

As an Autodesk Elite Construction Partner, we have developed a robust set of onboarding and deployment services to ensure a best-in-class implementation. It comes in two flavours:

Standard: All standard implementations start with Basic Onboarding and Deployment Services for Autodesk Docs. It also includes packaged Bolt On Services for the additional components inside of the Autodesk Construction Cloud (ACC) platform.

Custom: Where you require a more sophisticated or complex deployment, we can build a custom solution that starts with a Scope of Works, which involves us understanding your workflows and business processes. A full proposal is then produced to define the planned implementation for your acceptance and approval.

Standard



Custom



AUTODESK DOCS

Autodesk Docs Base Deployment

Autodesk Docs is a centralised document management solution that acts as a single source of truth across the project lifecycle for all project teams.



Deliverable

Autodesk Docs Base Deployment is a quick and straight forward service to enable access to this industry standard and trusted cloud-based document management solution.

In addition to the provision of Autodesk Docs it includes:

- Consulting Time
- Best Practice Configuration and Integration
- Customising Options
- Up and Running 'Quick Start' Training

Autodesk Docs Implementation Consulting **1 Day**

This hand-holding consulting service will give you access to an Autodesk Certified Professional in order to discuss best practices and industry standards before your implementation of customised configuration(s) such as:

- Custom Folder Structure
- Member and Role Configuration
- Folder Access and Permissions Configuration
- ISO 19650 Naming Convention Setup
- Custom Attribute Configuration
- Issue Management Customisation
- Review Workflow Building
- Actual Project Setup

AUTODESK DOCS

Administration Overview 0.5 Days

Topics covered in this half day training include:

- Autodesk Construction Cloud Interface Overview
- Account Administrator's Roles
- Account Administrator's Typical Workflows
- Adding Account Administrators
- Adding Members and Companies
- Editing and Creating Roles
- Activating Services
- Setting up and Working with Project Templates (*Autodesk Docs Only*)
- Setting up a Project Ready to be Used
- Project Settings
- Adding Members, Assigning Roles, Companies and Services
- Setting Folder Permissions (*by Member, Role or Company*)
- Document Management Settings (*Attributes, Naming Standards, Advanced Settings*)
- Project Workflow Reviews (*Setting up and Working on a Project*)
- Issues (*Types, Customised Fields, Permissions, and Root Causes*)
- Reports (*Templates and Creating Reports*)

General User Overview 0.5 Days

Topics covered in this half day training include:

- Autodesk Construction Cloud Interface Overview
- Project Administrator's Roles and Functions
- Folders (*Members Permissions and Subscriptions*)
- Uploading Files through the Web Browser
- Uploading Files through the Desktop Connector
- Downloading Files
- Folder Attributes
- Viewing Files (*Drawings, Models, Documents, Microsoft Office Files*)
- Marking up Drawings
- Issue Management (*Creation of Issues, Types, Root Causes*)
- Document Compare (*Drawings and Model Versions*)
- Moving, Copying, Sharing, Locking and Deleting Files
- View File Activities
- Project Workflow Review
- Transmittal Creation
- Insights

AUTODESK BIM COLLABORATE

Autodesk BIM Collaborate Bolt On



Deliverable

Autodesk Collaborate Bolt On is a service designed to further augment the Autodesk Docs deployment. It provides an efficient and effective implementation to enable you to benefit from access to this industry standard cloud-based collaboration platform. Besides the provision of BIM Collaborate or BIM Collaborate Pro, our industry and technology specialists will deliver:

- Administrative Best Practice
- Three Individual Quick Start Sessions
 - 1 - 2 Hours Administration Overview
 - 1 - 2 Hours Clash Detection User Overview
 - 2 - 3 Hours Revit Worksharing User Overview

Requires an Autodesk Docs Configuration, either pre-existing or via our Autodesk Docs Base Deployment Service.

Administration Overview **1-2 Hours**

This short training session includes the following topics:

- Uploading Files through Web Browser Collaboration Overview
- Project Settings for Design Collaboration
- Project Settings for Model Coordination
- Team Setup
- Coordination Space Setup

AUTODESK BIM COLLABORATE

Clash Detection Overview **1 - 2 Hours**

This training session includes the following topics:

- Collaboration Overview
- Manage Design Exchanges between Task Teams
- Preparing a Model for Clash Detection
- Running a Clash Detection
- Reviewing Clashes
- Model Reviews and Reporting
- Working with Clashes in the Autodesk Construction Cloud
- Meeting Minutes Setup
- Reporting

Worksharing Overview **3 - 4 Hours**

This training session includes the following topics:

- Autodesk Revit Based Collaboration Overview (*Using Latest Version of Autodesk Revit*)
- Managing Design Exchanges between Task Teams
- Timeline and Packages
- Working with the Desktop Connector
- Cloud Publishing Setup in Autodesk Revit
- Setting Up Worksets in Autodesk Revit (*BIM Collaborate Pro Only*)
- Configuring Cloud-Based Central Models (*BIM Collaborate Pro Only*)
- Working with IFC Files
- Reviewing Design Changes
- Meeting Minutes Setup
- Reporting

AUTODESK TAKEOFF

Autodesk Takeoff Bolt On



Deliverable

Autodesk Takeoff Bolt On is an additional service to add cloud-based quantity take off functionality to your Autodesk Docs deployment. Besides the provision of Autodesk Takeoff, our technical experts will help with:

- Administrative Best Practice and Overview
- 2D and 3D Takeoff User Overview

Requires an Autodesk Docs Configuration, either pre-existing or via our Autodesk Docs Base Deployment Service.

Administration Overview **1-2 Hours**

This training session will cover the following:

- Cloud-Based Quantification Overview
- Project Administration
- Adding Members and Configuration Access
- Classification Systems and Units
- Custom Project Template Configuration

Takeoff Overview **3 - 4 Hours**

This training includes the following subjects:

- Setting up a Project (*Packages, Takeoff Types, Classifications*)
- Project Settings
- Working with 2D Sheets (*Upload and Viewing*)
- Working with 3D Models (*Upload and Viewing*)
- Performing 2D Takeoffs
- Performing 3D Takeoffs
- Assigning Formulae to Takeoffs (*Using Formulae for More Complex Takeoffs*)
- Using Packages to Create Detailed Takeoffs
- Inventory Management (*Exporting to Excel*)

AUTODESK BUILD

Autodesk Build Bolt On



Deliverable

Autodesk Build Bolt on adds complete end-to-end cloud-based project workflows and interoperability to further augment your Autodesk Docs deployment.

Besides the provision of Autodesk Build, our technology specialists will provide:

- Consulting Expertise
- Best Practice Configuration and Integration
- Customisable Options
- Up and Running 'Quick Start' Training
 - 1.5 day Configuration Consultation
 - 0.5 day Quick Start Administration Overview
 - 1 day Quick Start User Overview

Requires an Autodesk Docs Configuration, either pre-existing or via our Autodesk Docs Base Deployment Service.

Implementation Consulting **1.5 Days**

This consultation service will give you access to an Autodesk Certified Professional in order to discuss best practices and industry standards before implementing your customised configuration(s) which may include:

- Sheet Settings
- Form Customisation (*Checklist, Sign Off Sheets etc*)
- Photos Workflows
- RFI Configuration
- Submittals Setup
- Meetings Settings
- Progress Tracking Configuration
- Scheduling Workflows
- Asset Definition

If additional time is required, this is available on a per day basis (bookable in advance).

AUTODESK BUILD

Administration Overview **0.5 Days**

This training session includes the following topics:

- Project Templates
- Project Settings
- Toolset Specific Access and Permission Settings
- Library Administration
- Form Template Setup
- RFI Overview and Workflow Setup
- Submittals
- Reporting

General User Overview **1 Day**

This training session includes the following topics:

- Autodesk Construction Cloud Interface Overview
- Sheets
- Recap on Accessing and Using Files
- Recap on Issues
- Form Usage
- Capturing Photos (*Including Mobile App Workflows*)
- RFI Creation and Workflows
- Working with Submittals
- Setting up Project Meetings
- Tracking Project Progress
- Importing Schedules
- Utilising Asset Data
- Reporting

AUTODESK CONSTRUCTION CLOUD

Additional ACC Consulting Services



Sometimes you may need extra consulting time on top of a base deployment or a Bolt On Service, or even singular days to cover a specific task. This can be provided using our Autodesk Construction Cloud Consulting Services.

Custom Deployment and Onboarding

Occasionally a deployment or rollout may be more complicated due to the size of the user base or a specific required configuration. In these scenarios we would recommend our Custom Deployment approach which will typically include one or more of the following:

- Onboarding Sessions
- Scope of Work Services
- Configuration Services
- Additional or more Specific Training
- Consultation Support
- Reference Video Creation

Our custom deployments cover all products within the Autodesk Construction Cloud.

Some services require an Autodesk Docs Configuration, either pre-existing or via our Autodesk Docs Base Deployment Service.

AUTODESK CONSTRUCTION CLOUD

Onboarding Sessions 1 Day

Deliverable

With larger teams, it is recommended to 'onboard' individuals who may be new to the ACC technology in order to prepare them for upcoming consultation or training sessions. These onboarding sessions will demonstrate and discuss key functionality crucial to the successful rollout at your organisation:

- All Autodesk Construction Cloud Solutions
- 0.5 day Demonstration
- 0.5 day Workflow Discussion and Pre-Scoping
- The day will focus on the following outcomes:
 - Identify and Show Key Use Cases
 - Discuss Important Metrics for Successful Rollout
 - Recognise Workflow Requirements and Deployment needs

Reference Videos Bolt On

This service varies in time based on the specific customer requirement and complexity of the configuration.

Deliverable

After successful rollout and adoption of an Autodesk Construction Cloud technology, it is recommended to build up an internal database of reference content for new starters to use, recapping previously learnt workflows or for general referencing purposes. This includes short 2 - 5 minute narrated videos for the production and distribution of:

Docs:

- Accessing and Navigating Autodesk Docs
- Adding Members and Controlling Access
- Uploading and Downloading Data
- Viewing 2D and 3D Information
- Comparing 2D and 3D File Versions
- Creating and Viewing Issues

BIM Collaborate, Takeoff and Build:

- Running and Reviewing Clash Detections
- Model Coordination
- Running and Reviewing a Takeoff
- Working with Forms
- RFI Workflows
- Asset Workflows
- Working with ACC Meetings

AUTODESK CONSTRUCTION CLOUD

Autodesk Docs in a Design Workflow 1 Day

Deliverable

Specific user-based training for AutoCAD and Revit users leveraging Autodesk Docs who need to share their models with others and link their design tools with the Autodesk Construction Cloud.

- Autodesk Drawing Files with Autodesk Docs
- Saving Non-Workshared Revit Models with Autodesk Docs
- Publishing Settings
- Migrating Linked Models to the Cloud
- Working with Linked Models in the Cloud
- Working with the Desktop Connector
- Managing Revit Versions
- Working with Revit Issues Add-In
- Working with Navisworks Issues Add-In

Scope of Works Services 2+ Days

Deliverable

If you need a more in-depth Autodesk Construction Cloud configuration due to complexity, user base or specific requirements such as detailed folder and permissions structure, several custom workflows and form configuration etc, you will need a Scope of Work to define the required deliverable.

Our Scoping Services are a split delivery, with 1 day scoping discussions and 1 day documentation production. The output document will outline key requirements and configuration specifics, as well as training and subscription needs in order to meet the desired output. This scoping document, once approved by the client, will allow for accurate implementation pricing and typically includes:

- Identifies Specific Configuration Needs
- Capturing Common Data Environment Requirements
- Outlining Exact Consulting Needs and Expectations
- Defining Full Training Requirements for User Base
- Defining a Complete, Custom Implementation

AUTODESK CONSTRUCTION CLOUD

Autodesk Construction Cloud Consulting Day

This is a bespoke service which includes:

Deliverable

A singular day to be used for consulting services for the Autodesk Construction Cloud. This would typically be used for very specific requirements, additional or more in-depth training or to cover time required against a Scope of Work rollout:

- Charged Per Day
- Remote or Onsite (*Onsite Prices may Differ*)
- 09:30 - 17:00, unless otherwise stated
- All Autodesk Construction Cloud Solutions
- Configuration Services
- Additional or More Specific Training
- Consultation Support



CONTACT US



www.manandmachine.co.uk



01844 263700



sales@manandmachine.co.uk

man  machine