The Journey: Facades, Curtain Wall & BIM

CUSTOMER JOURNEY MAPPING

cadline

WHERE AM I NOW?

I am a design engineer with a focus on designing Facades and Curtain walls. I produce many variations of my designs for different customers. I need to interact with Revit models and be a part of the BIM process

Best in class

OUTCOME:

We have seen a transformation in the way that we design and manufacturer our products. We are now able to reduce the time to complete a full design, facilitated by the move to 3D design and manufacturing. Importantly we are also able to meet the demands made on us by customers to participate in BIM enabled projects. Showcase delivers quick visualisations for both parts of the business and has helped us secure business where clients are able to select specific finishes and configurations. iCopy design tools allows the team to quickly create complex curtain walling quickly. Autodesk Vault delivers design control as well as maintaining a large library of bespoke components.

1

PROJECT PLANNING

Getting your organisation prepared for change

2

TRANSITION TO 3D

Training your team in the core design technologies

3

ANALYSIS AND AUTOMATION

Developing advanced design and productivity capabilities

4

DATA MANAGEMENT

Developing an efficient design and project data environment

5

ADOPTION SUPPORT

Technical specialists working with you all the way to ensure your project is a success

Facades, Curtain Walls & BIM – Adoption of Technology and Services

PROJECT PLANNING	TRANSITION TO 3D	ANALYSIS & AUTOMATION	DATA MANAGEMENT	ADOPTION SUPPORT
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ADOPTION

PROJECT PLANNING SERVICES

Assess
- Customer profile
- Process profile
- Environment profile
- High-level recommendations

Plan
- Deliver a "statement of work"
- Implementation start and completion dates
- Timeline of tasks to be completed
- Expected end results of the implementation

Solve
- Execute the "statement of work"
- Keeping on track
- Identify, what, when and who
- Document and track requirement changes
- Deliverables: data migration, software, IT infrastructure configuration, back up, software install, training

Confirm
- Verify the success of the implementation
- Plan for future projects
- Ensure support needs are met
- Other services required

TRAINING SERVICES

Inventor Essentials Training
- Principles of 3D parametric part design, assembly design
- How to capture design intent
- Learn using the proper workflows for creating intelligent 3D parametric parts
- Creating, placing, and constraining custom and standard components
- Simulating mechanisms, animating assembly designs
- Checking for interferences

Revit Training (Modelling for BIM short version)
- Understand a building modelling environment
- Learn how building materials and components are represented in BIM
- Create your specific BIM ready furniture components

Navisworks
- View and inspect furniture models directly in the building environment.
- Check for form, fit and conflicts with other parts of the building project.
- Create walkthroughs and visualizations to communicate design and operational intent.

TRAINING SERVICES

Showcase Training
- Essential tools and principles of preparing models and designs
- Navigation of interface, import and adjust imported geometry
- Preparing designs for presentation
- Controlling lights and shadows
- Enhance designs using ray tracing and custom environments

iCopy Trainin
- Understand how to automate the process of copying and positioning similar components in a main assembly.
- Learn how to combine skeletal modeling and adaptivity to allow a subassembly to change size to fit a position.
- Become familiar with concepts such as iCopy template, iCopy definition and iCopy result.

Large Assembly Training
- Understanding the concept of level of detail in Inventor large assembly representations
- Using Shrink Wrap Substitutes to create parts at lower levels of detail
- Connect substitutes using the Link Levels of Detail command.

AUTODESK VAULT

Data Management Implementation
- Industry leading technologies
- Robust and secure data environment
- Automation of costly manual tasks
- Manage design and project cycles

Vault Implmentation Project
- System scoping and documentation
- Vault administrator training
- System configuration, installation and testing
- Automation elements - PDF creation, email notification
- Collaboration tools configuration
- Vault user Training
- Go live assistance
- Final system documentation handover

ADOPTION SUPPORT

Working with you to deliver your projects with your new skills and workflows
- Industry experts integrated into your team
- On site, On project assistance
- Designed to get the best from the software and user that directly benefits project specific requirements
- Maximises your return on investment and increase user adoption of technology

Book your FREE Business Discovery Meeting to see how the team can help you

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