

The Journey: Sheet Metal Fabricator



CUSTOMER
JOURNEY **MAPPING**

cadline



WHERE AM I NOW?

I am a **design engineer** with a focus on designing components made from sheet metal. I produce many variations of my designs for different customers. I am sometimes required to produce stress analysis reports and design options for some of my customers.

Best in class

OUTCOME:

We have experienced a dramatic improvement in productivity and flexibility following a move to 3D.

FEA expertise allows the us to develop the best possible solution in-house and the implementation of a robust data management system gives us the ability to copy and modify existing designs quickly and accurately.

TRANSITION TO 3D

Training your team in the core design technologies

2

ANALYSIS AND AUTOMATION

Developing advanced design and productivity capabilities

3

DATA MANAGEMENT

Developing an efficient design and project data environment

4

ADOPTION SUPPORT

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

5

PROJECT PLANNING

Getting your organisation prepared for change

1

Sheet Metal Fabricator – Adoption of Technology and Services

PROJECT PLANNING	TRANSITION TO 3D	ANALYSIS & AUTOMATION	DATA MANAGEMENT	ADOPTION SUPPORT
Getting your organisation prepared for change	Training your team in the core design technologies	Developing advanced design and productivity capabilities	Developing advanced design and productivity capabilities	Technical specialists with you all the way to ensure your project is a success
ADOPTION				
PROJECT PLANNING SERVICES	TRAINING SERVICES	TRAINING SERVICES	AUTODESK VAULT	ADOPTION SUPPORT
<p>Assess</p> <ul style="list-style-type: none"> Customer profile Process profile Environment profile High-level recommendations <p>Plan</p> <ul style="list-style-type: none"> Deliver a “statement of work” Implementation start and completion dates Timeline of tasks to be completed Expected end results of the implementation <p>Solve</p> <ul style="list-style-type: none"> 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 <p>Confirm</p> <ul style="list-style-type: none"> Verify the success of the implementation Plan for future projects Ensure support needs are met Other services required 	<p>Inventor Essentials Training</p> <ul style="list-style-type: none"> 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 <p>Sheet Metal Design Training</p> <ul style="list-style-type: none"> Principles of sheet metal design Create and manage sheet metal designs Basic sheet metal concepts and techniques Include complex modeling practices for forming sheet metal parts, assemblies, and drawings Real-world, industry-specific design scenarios are included 	<p>Introduction to FEA</p> <ul style="list-style-type: none"> Driving Dynamic Simulation and Stress Analysis Validate design prototypes Create dynamic simulations Eliminate redundancies in designs Interpret dynamic simulation results Analyse parts, assemblies and perform parametric design studies <p>ILogic for design automation</p> <ul style="list-style-type: none"> Rule based design using inventor ilogic Parametric designs that re use engineering concepts while creating parts and assemblies Automating design process Use MS Excel to drive Inventor models and trigger design rules Designed for designer engineers with no programming expertise 	<p>Data Management Implementation</p> <ul style="list-style-type: none"> Industry leading technologies Robust and secure data environment Automation of costly manual tasks Manage design and project cycles <p>Vault Implementation Project</p> <ul style="list-style-type: none"> 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 	<p>Working with you to deliver your projects with your new skills and workflows</p> <ul style="list-style-type: none"> 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
<p>Book your FREE Business Discovery Meeting to see how the team can help you</p>				

