AUTODESK. UNIVERSITY

Automate Supply Chain Collaboration

Session #473687

Lee Worton & Sven Dickmans

Autodesk Fusion Lifecycle Product Specialists

WELCOME

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CHALLENGES

Asynchronous collaboration
Changes happen everyday
Identify & act on delays
Multiple Standards
Data Complexity

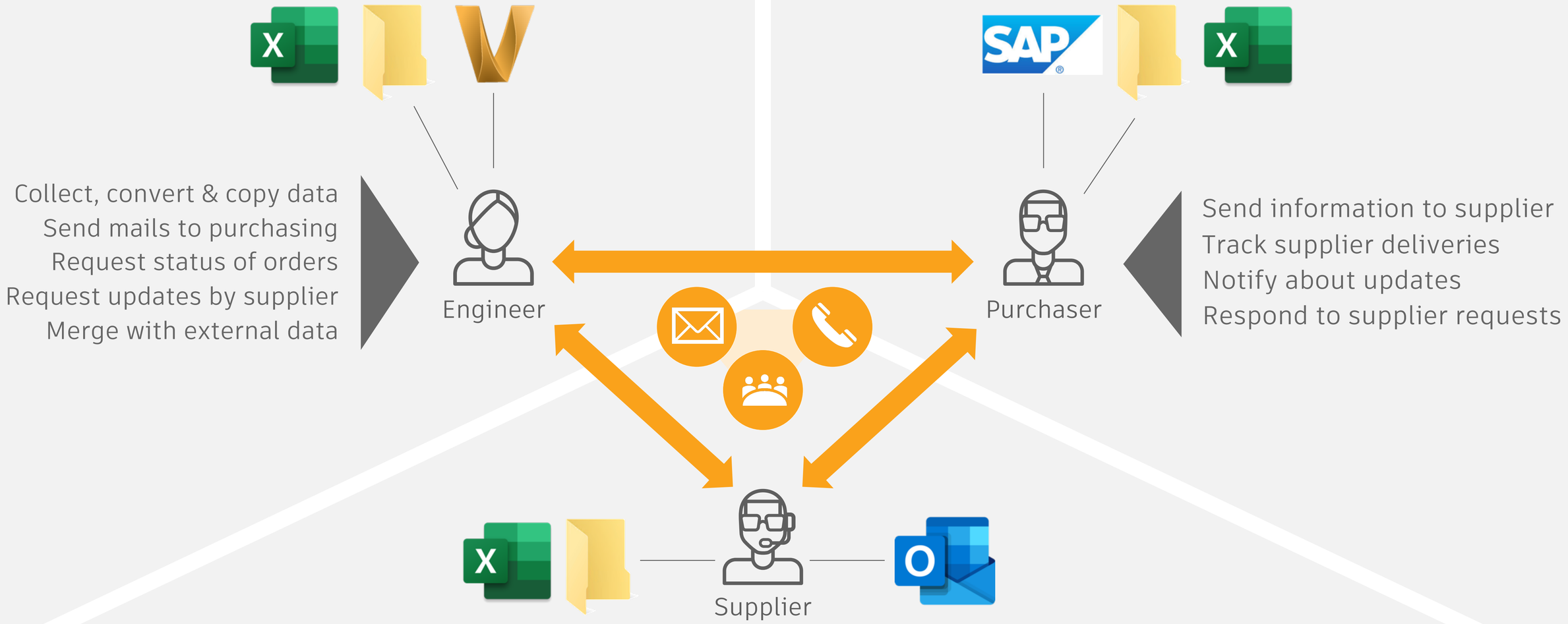
TECHNICAL CHALLENGES

Media
Format
Naming
Numbers
Contact Person
Acknowledgement
Human Errors

AUTOMATE

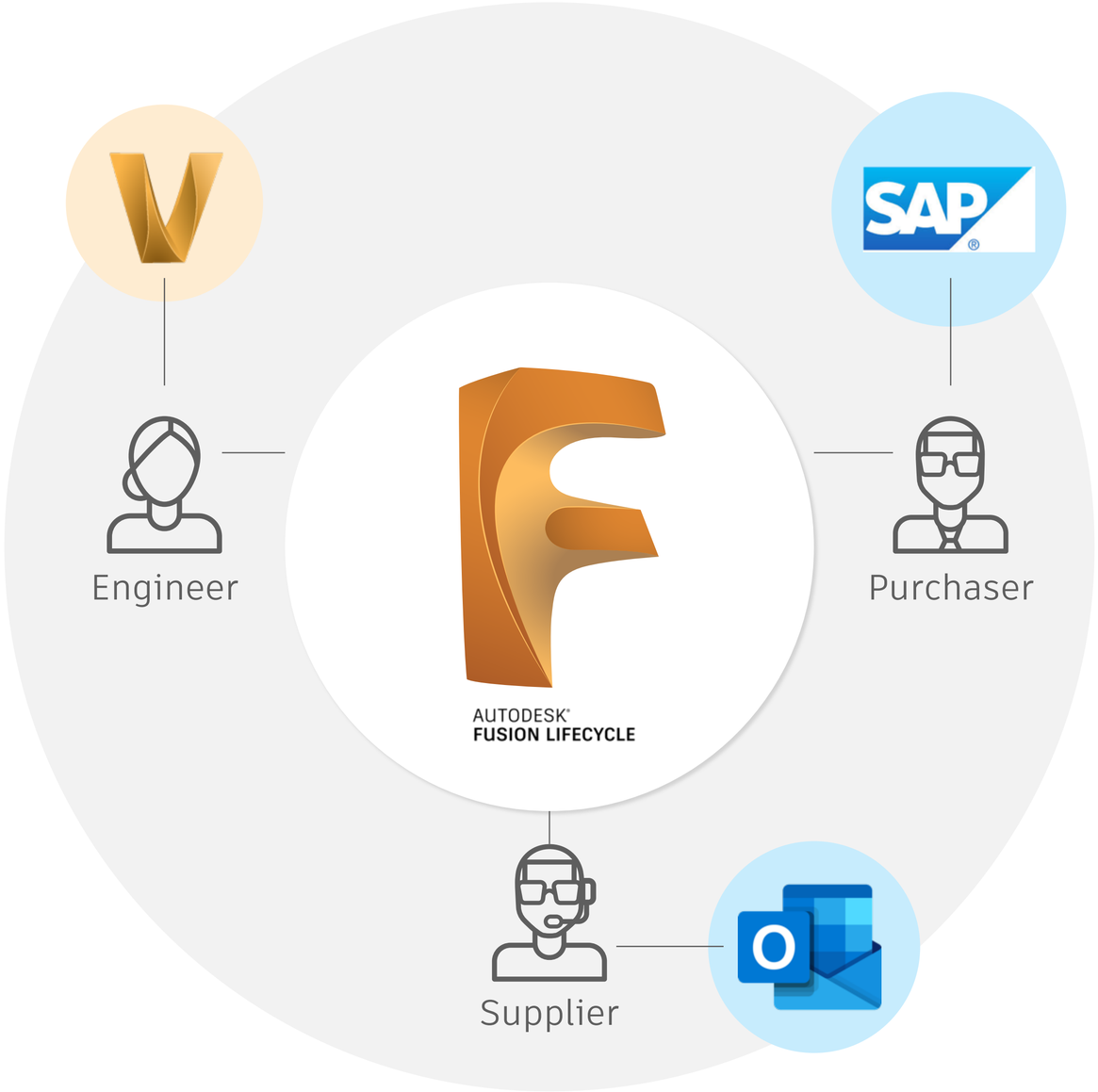
From manual error prone collaboration to online collaboration

Manual Supplier Collaboration Process



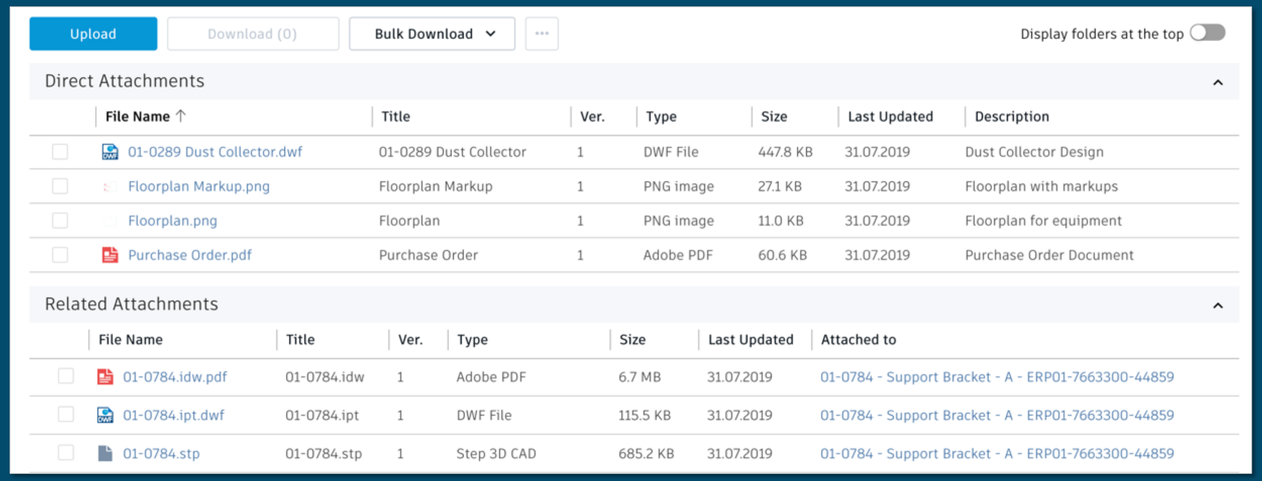
Global Collaboration in real time

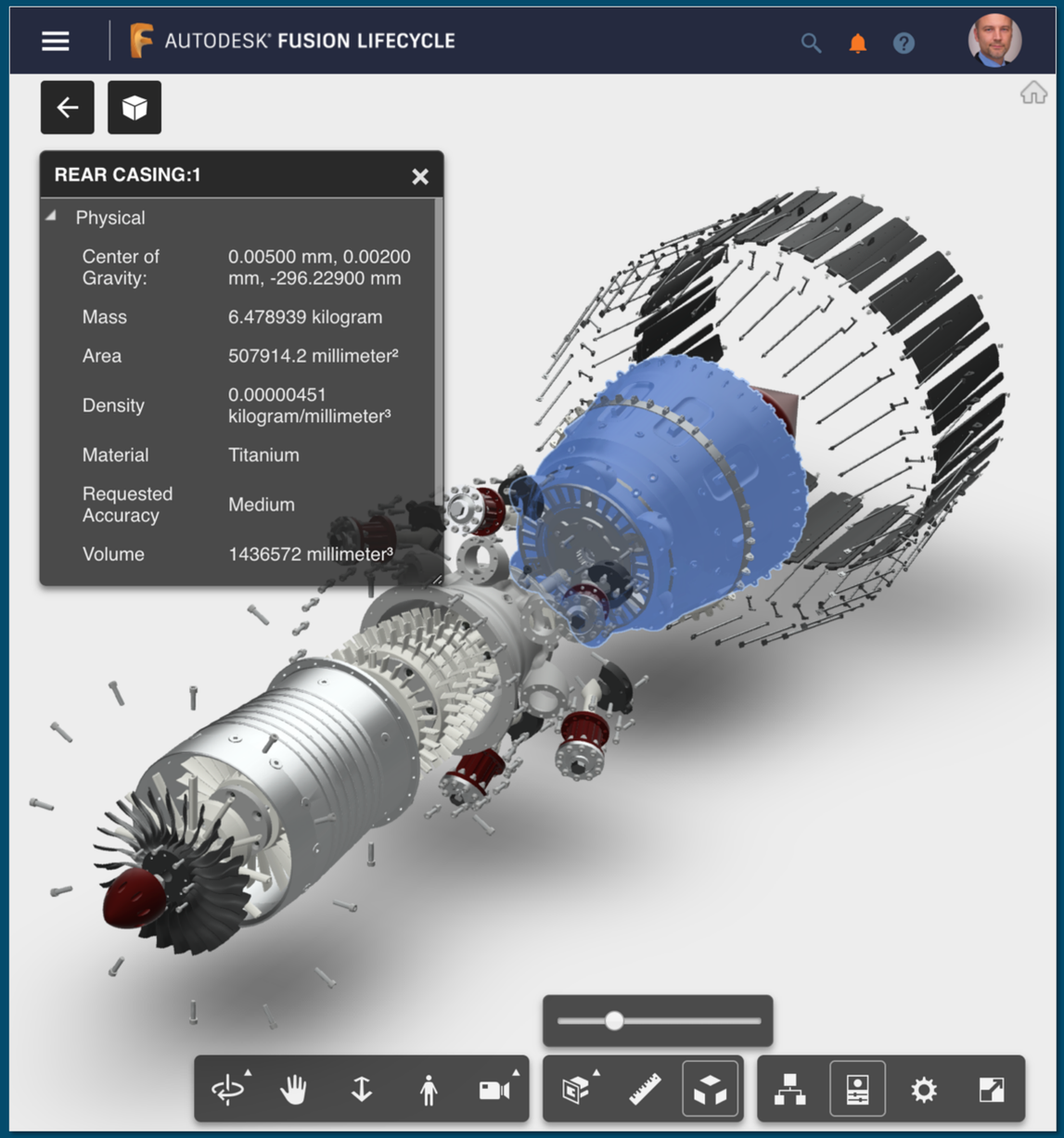
Global Collaboration in real time



COMMON ONLINE FILE STORAGE

Share data securely and make its latest version accessible at anytime from anywhere in real time





ONLINE DATA

Collaborate efficiently by managing any kind of data on any device in transparent manner for full traceability

Header (1 of 4)

ID	0008
Type	Order
Title	Power supply components
Supplier	Intersil
Creation Date	30.07.2019
Status	Review
Instructions	*The package has been processed by the supplier. Please review the given delivery and close this process afterwards if expectations are met.*

Line Item Counters (2 of 4)

	Ratio	New	Modified	Repeated	Total
Item Count		3	1	4	8

FTP Details (3 of 4)

FTP Link	ftp://download.autodesk.com/packages/arrow/0003.zip
FTP Username	sup-arrow
FTP Password	pass123

Contacts (4 of 4)

	Supplier	Requestor
Contact Person	Meyers, Marc	Dickmans, Sven
Phone	+49 (0) 7056 77 20 934	+49 (0) 151 62 82 15 81
Mail	mike@fusion.rocks	sven.dickmans@autodesk.com
Address	Schickardstr. 10, 56831 Bielefeld	Aidenbachstr. 56, 81379 München

Owner and Change Summary

Change Summary

Created on **31.07.2019 01:12 PM**
By Sven Dickmans

Last modified on **31.07.2019 05:36 PM**
By Sven Dickmans

Header (1 of 6)

Number	01-0784
Title	Support Bracket
Description	Support Bracket
Supplier	Argon Industries
Image	

Files (2 of 6)

	Model	Drawing	STEP
Download	01-0784.ipt	01-0784.idw.pdf	01-0784.stp
Preview	01-0784.ipt	01-0784.idw.pdf	01-0784.stp

Supplier Remarks (3 of 6)

Status	New
Supplier ERP #	ERP01-7663300-44859
Remarks	

New & Latest Change Requests (4 of 6)

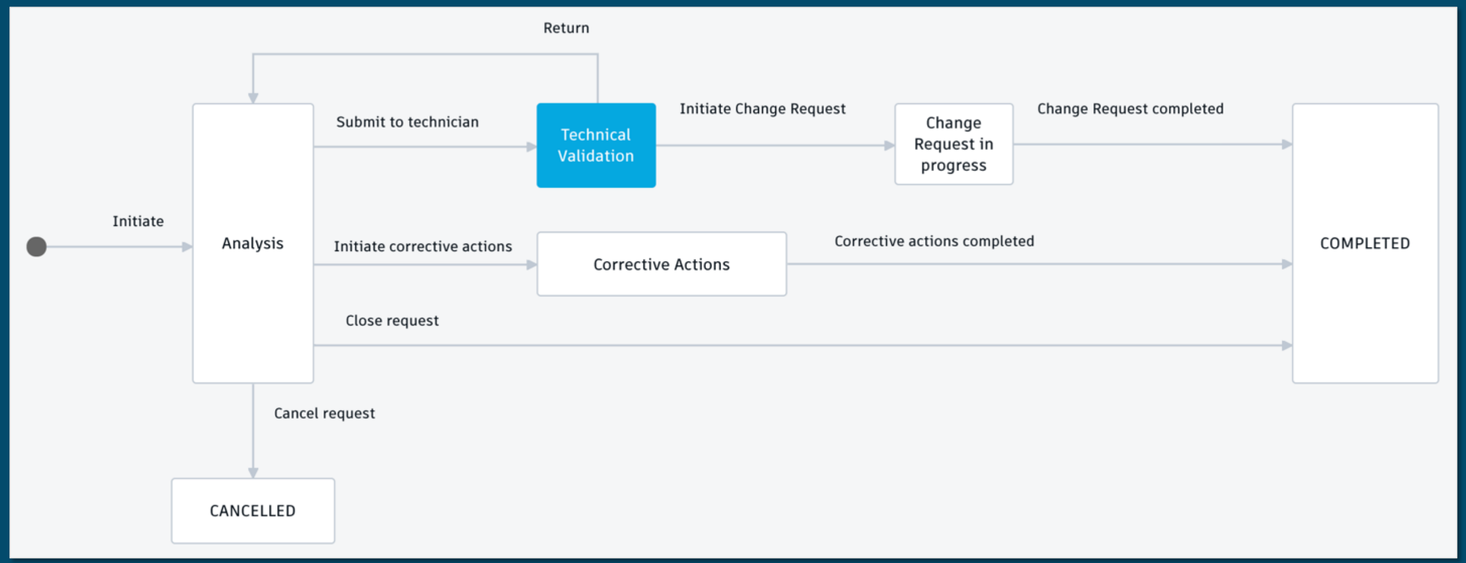
	New >>	In Progress >>	Completed
Title		SCR0005 - Increase hole diameter for stabilty	
Description		Increasing the hole diameters by 1mm would increase their load capacity	
Change Reason Code		Functional	
Purpose			
Request on hold		Yes	

Edit | Add | Remove | ...

#	Item	Status	Target Delivery Date	Quantity	Unit of measure	Status Label
1	01-0766 - Handrail socket - B -	New	22.08.2019	2.00	Each	New
2	01-0768 - Platform Kick Plate - A - 19-0134-03532	Modified	22.08.2019	2.00	Each	Modified
3	01-0769 - Strut - A -	Captured	22.08.2019	6.00	Each	
4	01-0774 - Platform Cross Member - A -	Captured	22.08.2019	4.00	Each	

GRAPHIC WORKFLOW PROCESSES

Prevent delays in business process execution and drive adherence to standards

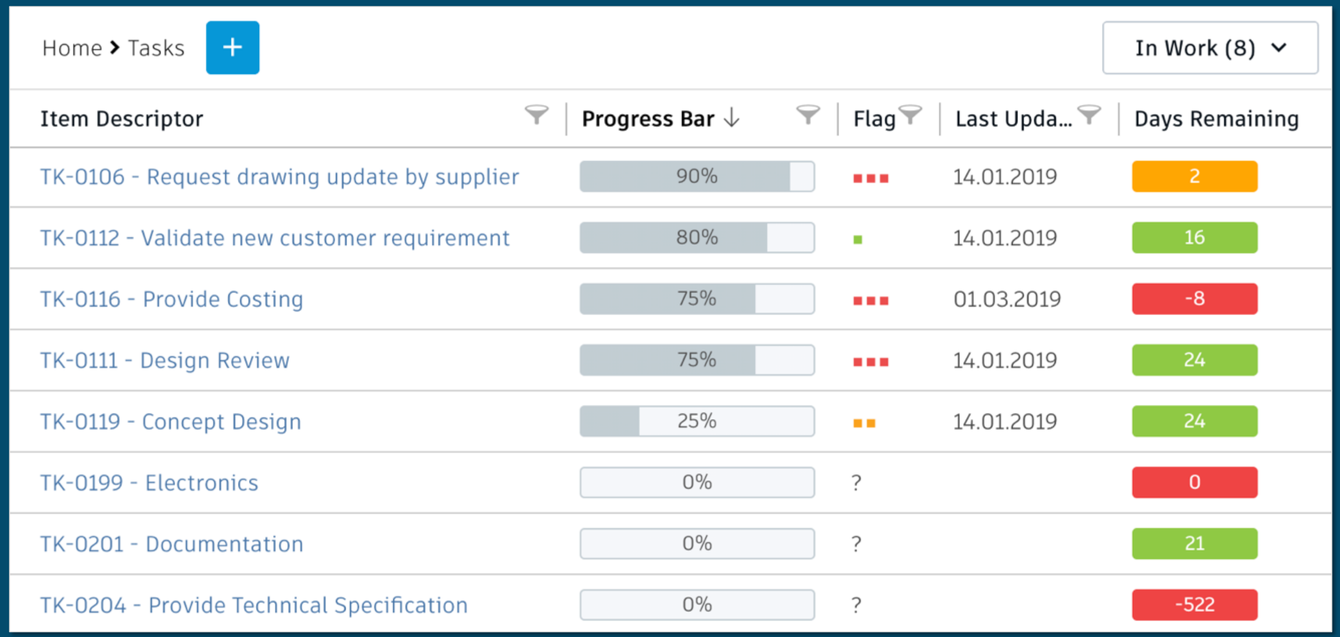


My Outstanding Work — Last updated: 10/06/2020 04:04 PM

Due Date	Item Name	Workspace	State	State Set On	State Set By
07/06/2020	TK000215 - Customer requirements	Tasks	[2] Assigned	07/08/2020	Peter Van Avondt
07/08/2020	DRT0143 - Reduce Material	Design Review Tasks	Assigned	07/07/2020	Peter Van Avondt
04/01/2020	DRT0138 - Alternate Components o...	Design Review Tasks	Assigned	04/01/2020	Demir Ali
11/21/2019	DRT0088 - Material Change to Plas...	Design Review Tasks	Assigned	07/11/2019	Lee Worton
07/19/2019	DRT0086 - Check Interference	Design Review Tasks	Assigned	07/11/2019	Lee Worton
07/04/2019	TK000086 - Get supplier quote	Tasks	[4] Review	06/13/2019	Job User
	CO000185 - Change supplier	Change Orders	Create	06/04/2019	Sven Dickmans
05/21/2019	DRT0077 - Change Hole Diameter	Design Review Tasks	Assigned	05/16/2019	Antony Poulton
	DR0053 - Concept Review	Design Reviews	[4] Review	05/16/2019	Job User
05/15/2019	DRT0073 - Remove this component	Design Review Tasks	Assigned	05/15/2019	Antony Poulton

REAL TIME REPORTS

Identify and resolve bottlenecks and delays in time by user defined dashboards



Connected Cloud Collaboration Platform

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CAD Addin

Libraries

Concurrent Engineering

Job Processor

Copy Design

Duplicate Search

Product Data Management

New Product Introduction

Supplier Collaboration

Enterprise BOM Management

Change Management

Quality Management

Best In Class Global Collaboration

SECURE

Multi-Level access permission control provides required flexibility for one single collaboration environment

CLOUD

No servers, client installation packages and updates required – everyone is using the latest and greatest software automatically

EASY

Simplified and modern UI ensures low training efforts and high level of end user acceptance

SCALABLE

Enterprise subscription provides access for unlimited amount of external users at no cost at scalable architecture at the same time

Workflow State: WIP
File Name: 2020-19-00.iam
Item Number: 1.1
Descriptor: 500-0007-04 Steel
Revision: A
Quantity: 2 units/ Unit Cost: $165
Testing:
Under review
NCR: Defective part
CO0000042
Revision B
Effective Date: 3/9/2019
Changed screw length
Supplier Name: Prokos Corp.
Supplier Status: Active
Next Evaluation: 11/06/2022
RFQ Status: Received
Real Time
Collaboration
& Transparency

FLEXIBLE

The system adapts to you,
not the other way around

Supplier Collaboration Use Cases

Supplier Audits

Schedule, perform and document supply chain audits to ensure quality of components and adherence to standards

See Recording at

https://youtu.be/US8TWnk-H-o

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Product Lifecycle

Design Reviews

Incorporate supplier feedback in online design reviews to prevent issues in manufacturing ahead of time

See Recording at

https://youtu.be/rhr3VUSG1Vk

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Data Sharing

Establish single source of truth to provide latest information in real time and traceability to identify changes

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https://youtu.be/GKX1WhqYTxo

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Plan, track and review deliverables of suppliers based on templates to meet quality standards and to meet tight timelines

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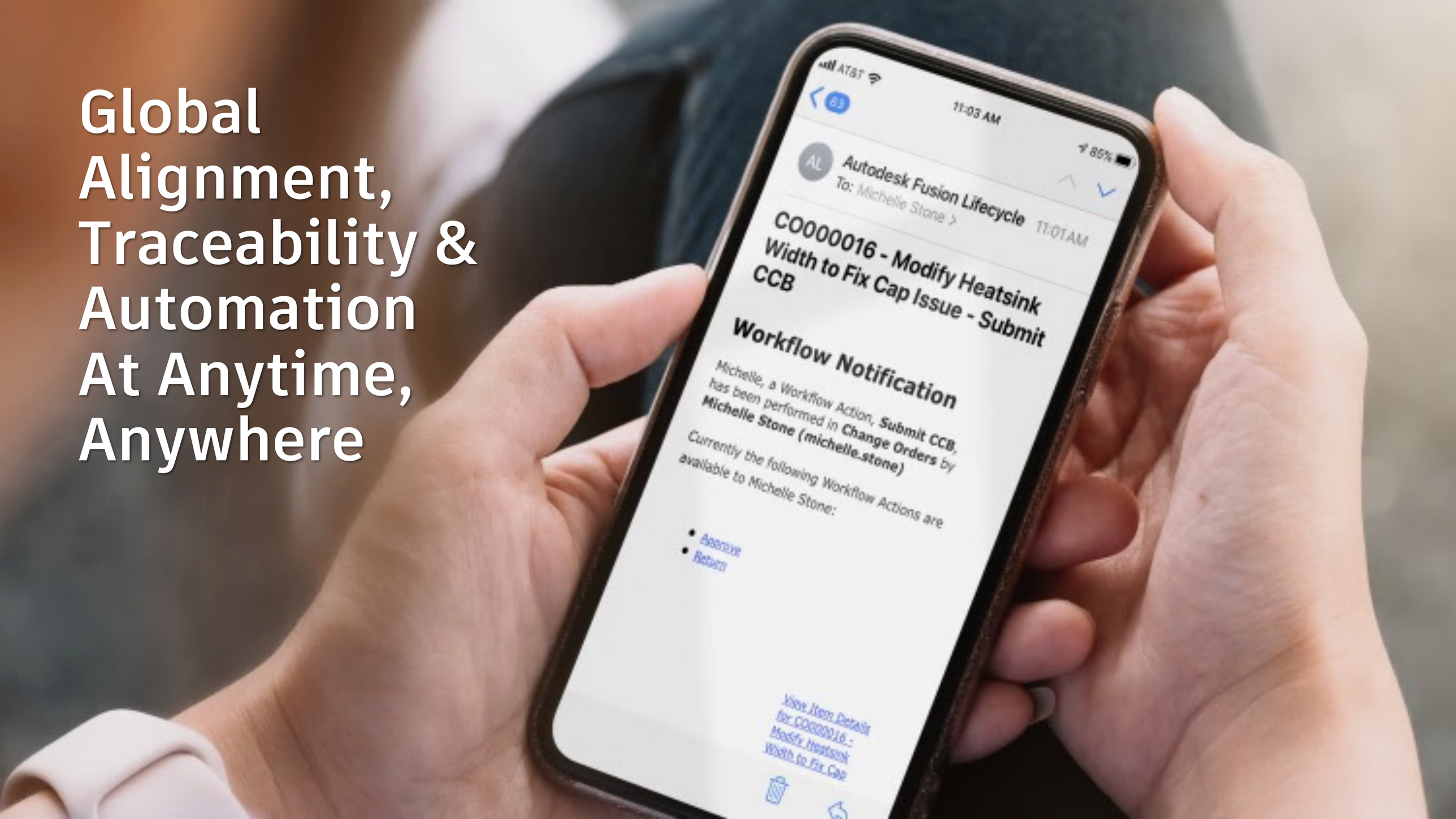
Supplier Change Requests

Respond to supplier change requests in time to prevent both delays and errors in delivery

See Recording at https://youtu.be/6sYgiEiSM4Y

Global Alignment, Traceability & Automation At Anytime, Anywhere



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