



# Rocket TRUfusion Enterprise Virtual User Meeting

April 22<sup>nd</sup> 2021

# Introductions

**P. Gary Gregory (gary@rocketsoftware.com)**  
**President, Database & Connectivity Business Unit**

# Agenda

09:00-09:15	<b>Introduction</b> , Gary Gregory
09:15-09:30	<b>Product Roadmap</b> , Martyn Davies
09:30-10:15	<b>Latest Release 7.9.4.0 Demonstration</b> , Thomas Fechner
10:15-11:25	<b>Customer Future Roadmap Priorities</b> , Martyn Davies
11:25-11:30	<b>Next Steps/Follow on activities</b> , Martyn Davies



# Rocket Team



**Hans-Peter Uhrig**

Senior Account Executive



**Thomas Fechner**

Senior Manager,  
Customer Solutions  
Engineering



**P. Gary Gregory**

President, Database &  
Connectivity Business Unit



**Martyn Davies**

Director of Product  
Management



# Rocket Software



**30+ years**  
developing software  
for legacy systems



Global headquarters  
in **Waltham, MA**



**22,700+**  
Total customers



**2,400+**  
Total partners



**30**  
Worldwide locations



**1,600**  
Rocketeers



**600+**  
Software engineers

**1,000+**  
in Development and related  
roles



**24x7x365**  
Customer service and support



**21**  
2021 IBM Champions

Every individual in the Western World has interacted with Rocket Software, whether they know it or not



44 Fortune  
50 Corporations



10 of the top 10  
Commercial Banks  
(F500)



9 of the top 10  
Aerospace & Defense  
(F500)



4 of the top 5  
Department Stores  
(Forbes Global 2000)



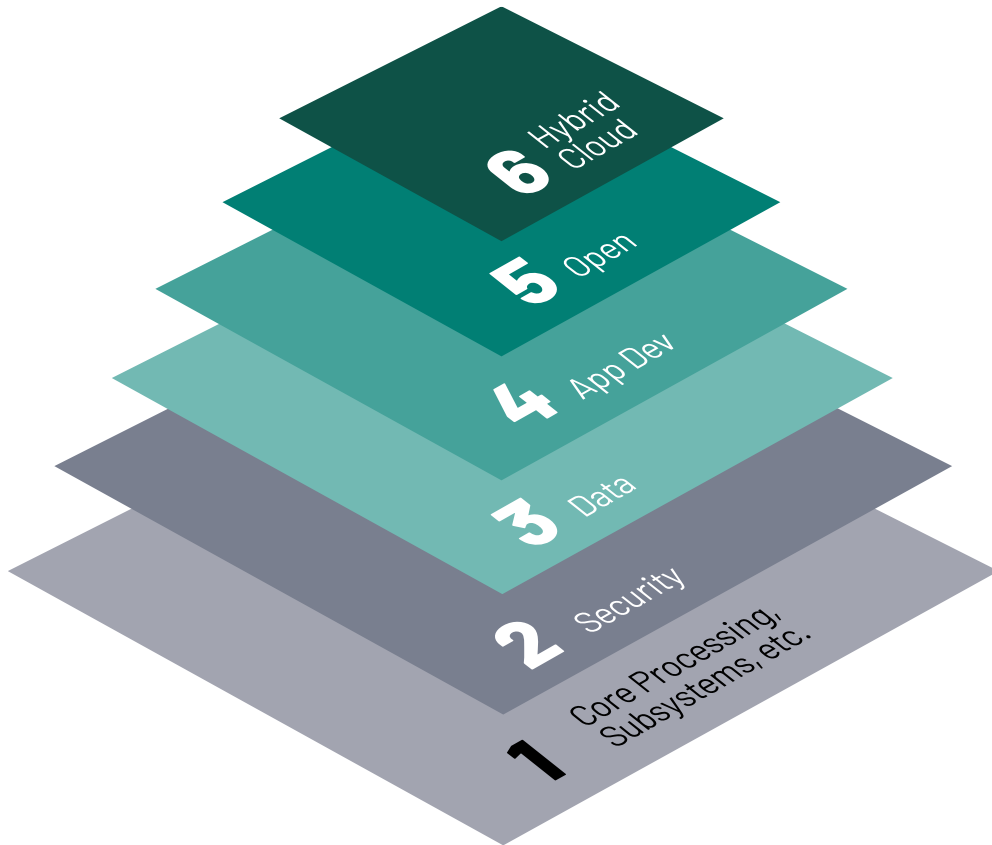
5 of the top Car & Truck  
Manufacturers  
(Forbes Global 2000)



5 of the top 5 Managed  
Healthcare  
(Forbes Global 2000)



# Rocket helps optimize and innovate legacy systems so you can drive legendary results



✓ Migrating or integrating legacy systems with cloud infrastructure

✓ Integrating open source into legacy systems and applications

✓ Developing the applications and experiences customers and users expect

✓ Managing accelerating data growth and providing real-time access for AI, ML, analytics and more

✓ Improving data security and meeting compliance requirements

✓ Operating core systems more efficiently while increasing visibility

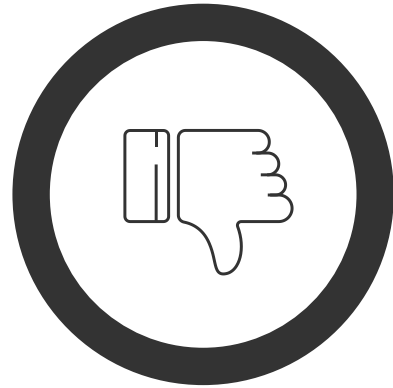


# Your feedback is required during Session 4!

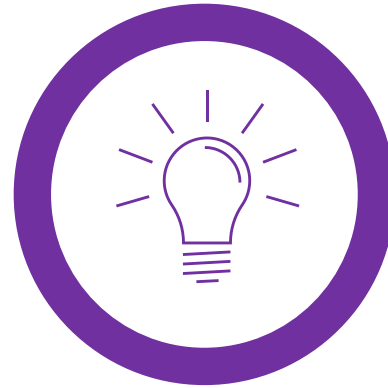
## Future Roadmap Priorities



Likes



Dislikes



Wants





# TRUfusion Enterprise Roadmap Update

Martyn Davies  
Director of Product Management

This roadmap is for informational purposes only and is not a commitment to deliver any particular features on any specific date. It represents the current intention of our development efforts. As market conditions and customer requirements are constantly changing, Rocket Software reserves the right to change the items and dates on this roadmap at any time at its discretion.



# The Value of TRUfusion Enterprise

## Replace ad-hoc + manual



## TRUfusion Enterprise



- Automate
- Comply
- Manage
- Secure
- Collaborate
- Integrated
- Flexible
- Usable
- Auditable
- Fast ROI



## Integrate with design systems



# Benefits for Customers

1

Comply with industry and customer specific PDX mandates

2

90% user productivity improvements vs manual approach

3

Improved responsiveness to reduce product development time and costs

4

Security assured to protect valuable CAD IP

5

Process and system standardization across distributed teams

## TOP 3 RESULTS

- Low-cost compliance to customer mandates
- Improved user productivity and customer responsiveness
- Repeatable, reliable and secure business processes



Global standardized solution for all PDX users



Modernized Platform / UI experience / New Features



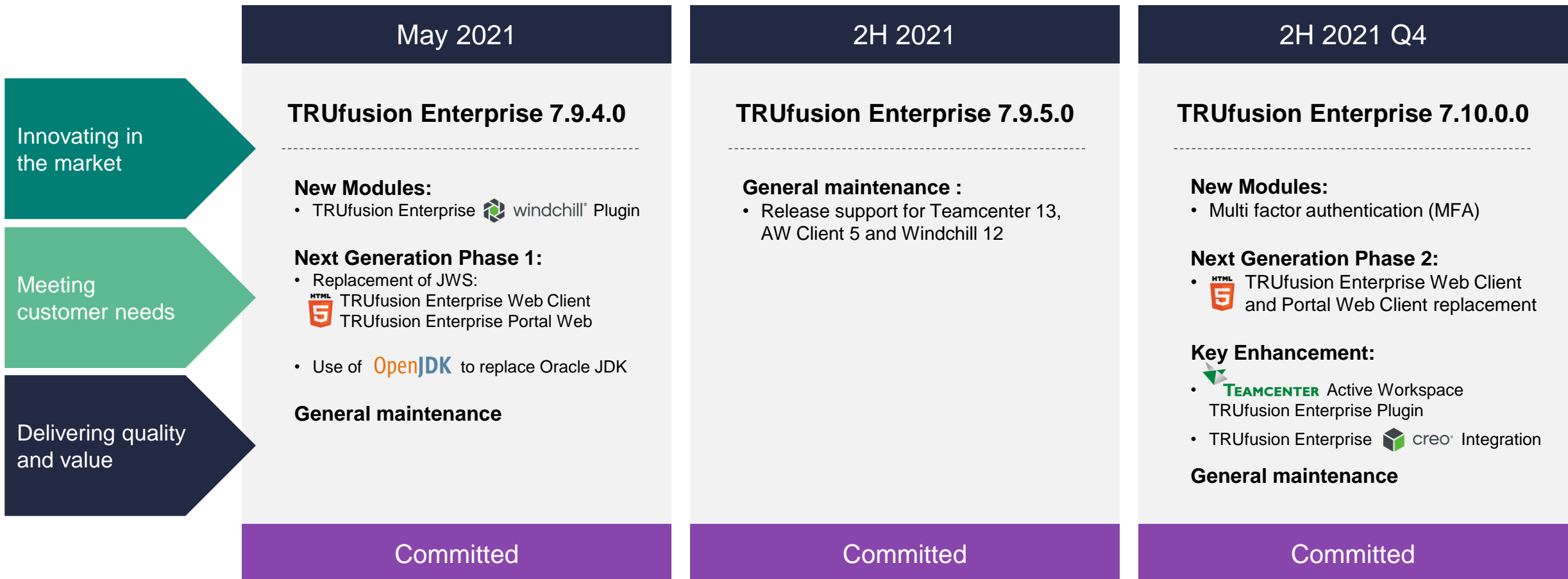
24/7 solution access backed by Rocket support



Managed network of customers and suppliers needed for PDX



# Roadmap



# TRUfusion Enterprise Next Generation Highlights

- ✓ Modern user experience
- ✓ Adobe XD for design
- ✓ React (JS framework) development: adoption, fast, responsive, low TCO, re-use, standardization
- ✓ Phase 1 focus replace Java webstart
- ✓ OpenJDK 14 being used
- ✓ 7.10.0.0 and beyond – Next Generation Web Clients
- ✓ Phased releases
- ✓ Customer feedback considered and more to be obtained



# Automotive Supplier Customer Stories

## INTERIORS



### Challenge

Divestiture/M&A

### Results

Global migration in 3 months,  
1500 users, 2000 partner users  
PLM integrated solution

## INTERIORS



### Challenge

Cost of manual process

### Results

1<sup>st</sup> year savings:50%+,  
Reduced PDX import time by 85%,  
PLM integrated solution

## LIGHTING



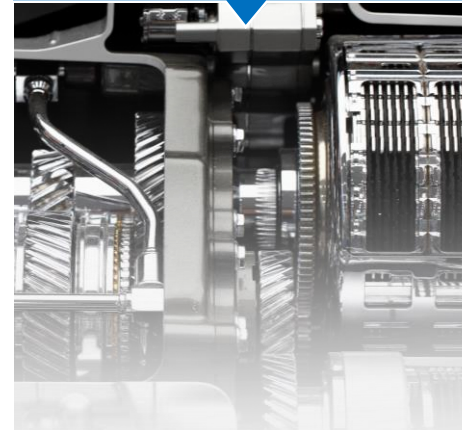
### Challenge

Hard to admin & maintain,  
Competing solution & poor  
vendor relationship

### Results

Boosted user productivity &  
ROI < 12 months

## MOBILITY SOLUTIONS



### Challenge

Multiple sites, goes and  
systems created  
inefficiencies & cost

### Results

Vendor rationalization,  
reduce time for PDX

## METAL CASTING



### Challenge

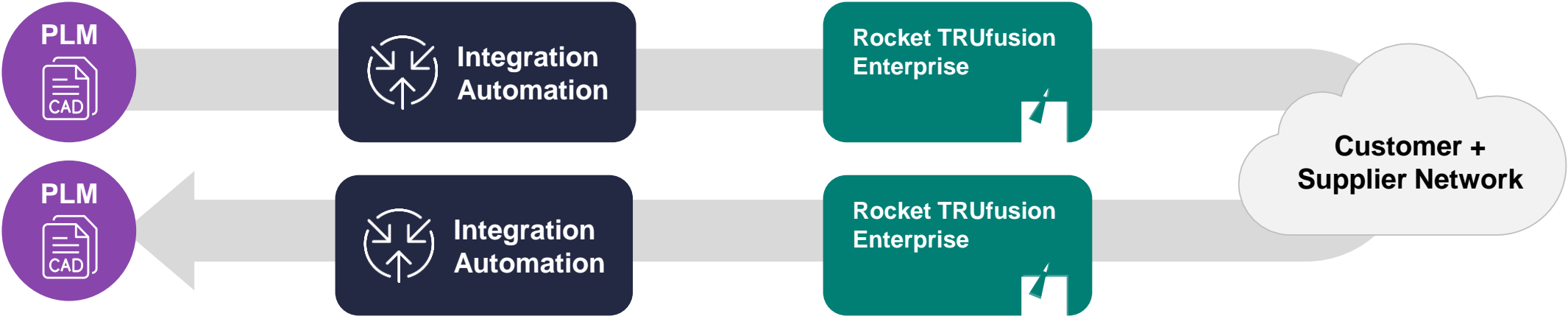
Cost/delays of manual  
process & customer  
compliance






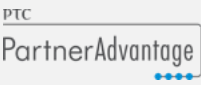

### Results

Reduced PDX time by 95%,  
customer compliance,  
PLM integrated solution



# Bi-directional automated PLM + CAD file exchange with Customers, Suppliers + Partners



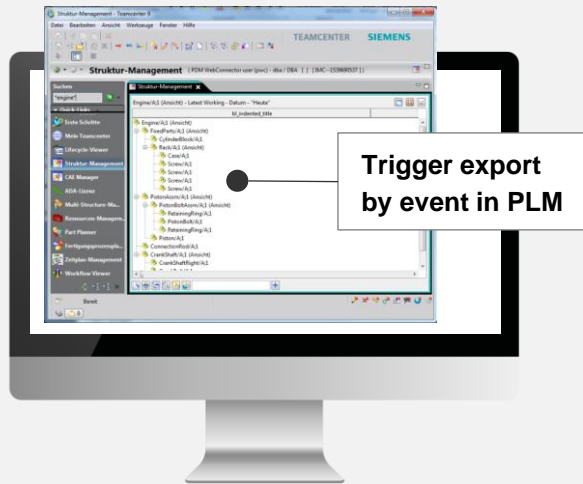
Partnerships 	Features 	Benefits 	What is the purpose? 
  	<ul style="list-style-type: none"> <li>• PLM + CAD <b>integrated</b></li> <li>• <b>Automated</b> data orchestration <ul style="list-style-type: none"> <li>✓ CAD checking</li> <li>✓ CAD translation</li> <li>✓ CAD renaming</li> </ul> </li> <li>• <b>Secure</b></li> <li>• <b>Multiple mediums:</b> OFTP2, Portal (on prem or cloud)</li> <li>• Complete <b>audit trail</b></li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the risk and cost of errors</li> <li>• Protect valuable <b>intellectual property (IP)</b></li> <li>• <b>Reduce</b> product development <b>leadtimes</b></li> <li>• <b>Comply</b> with customer and regulatory demands</li> <li>• <b>Automate and modernize</b> the process to replace old legacy/out of date methods</li> <li>• <b>Enable productivity.</b> Use your engineering talent and teams in a smarter, more efficient way</li> </ul>	<ul style="list-style-type: none"> <li>• RFQs</li> <li>• Release design data</li> <li>• Change design data</li> <li>• Reference design data</li> </ul>



# Use Case: OEM-T1 Supplier PDX in a multi-PLM environment

## Customer PLM Environment

Teamcenter, Windchill, Aras Innovator, 3DExperience



Process Monitor for process 201612061219-2 (My Import with 0000123.CATProduct)

glt_number	glt_name	glt_Spring_Username	name	glt_rev	Item
0000124	1	Skript Differential	0000124	00001	
0000125	1	Skript Differential ass.	0000125	00001	
0000126	1	Skript Differential	0000126	00001	
0000127	1	Differentialgehäuse	0000127	00001	
0000128	1	Differential Welle	0000128	00001	
0000129	1	Achswellen	0000129	00001	
0000130	1	x	0000130	00001	
0000131	1	x	0000131	00001	
0000132	1	x	0000132	00001	
0000133	1	x	0000133	00001	
0000134	1	x	0000134	00001	
0000135	1	x	0000135	00001	
0000136	1	x	0000136	00001	
0000137	1	Ausgleichsrad	0000137	00001	
0000140	1	Antriebsachse Seite	0000140	00001	

## Exchange to partner:

- Geometry
- Positioning
- Structure
- PLM properties within CAD system
- Configuration effectiveness

Create assembly files if necessary

Apply customer naming rules

Map properties

Remove IP properties

Update PLM structure & docs

Convert to local files naming rules

Map properties

Analyze contained properties and compare

### Easy installation

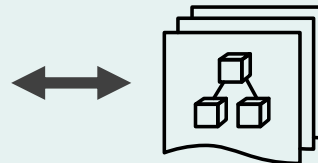
- ✓ Installer
- ✓ Auto-recognition of CAD data model

### Easy to configure

- ✓ GUI based
- ✓ Driven by PLM customization



Integration Platform



Rocket TRUfusion Enterprise

Rocket Portal Cloud or On Prem



# Q&A



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# What's new in TRUfusion Enterprise Release 7.9.4.0

Thomas Fechner  
Senior Manager Customer Solutions

# Release Highlights

- 1 Web Application Modernization – Phase 1
- 2 Oracle Java replacement – Open JDK support
- 3 PTC Windchill Integration
- 4 3rd Party Integration
- 5 Security



# Web Application Modernization – Phase 1



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# Web Application Modernization - Phase 1

- Java Web Start (JWS) replacement for Web Client and Web Portal with modern HTML/Web based UI
- New user experience design with simplified job creation workflow



# Web Application Modernization - Phase 1

- JWS replacement TRUfusion Enterprise Web Client

Rocket® TRUfusion Enterprise

logged in as: Laszlo  
[Logout](#) | [Help](#) | [EN](#) | [DE](#) | [JA](#)

[Jobs](#) | [Administration](#) | [Help](#)

New send job

Recipient information

Send to

[Browse contacts](#)

[CC to](#)

Add contact email addresses to receive your files

Files selection / attachment

Attach files to send with the job

[Add files](#)

Partner	Contact	Source	Document	Target format	Medium	Size in KB	Remove

Illustration: Interface TRUfusion Web Client

# Web Application Modernization - Phase 1

- Recipient information with live search for contact selection

New send job

## Recipient information

Send to

Add contact email addresses to receive your files

CC to

Add contact email addresses to get a cc email notification

Browse contacts

CC to

New send job

## Recipient information

Send to  
tho

Add contact email addresses to receive your files

CC to

Thomas Fechner

tfechner@rocketsoftware.com

ail notification

Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- Selection CAD system and Project environment

**File selection** ✕

CAD system  
Siemens PLM ▼

Project environment  
Rocket NX 1953 ▼

**NX browser**  
Select the NX files. For correct file packaging, select the top file if your job includes assemblies, parts, and drawings, or drawings and their related parts.

Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- File selection using Drag and drop feature

Selected Files

[Remove all](#) [Browse files](#)

Name	Size in KB	Top file	Remove
Assembly_Group_Crankshalf.prt	62.972	<input type="radio"/>	
Assembly_Group_Piston.prt	90.523	<input type="radio"/>	
Assembly_Radial_Engine_Component.prt	187.671	<input checked="" type="radio"/>	
Assembly_Rod_Master.prt	76.062	<input type="radio"/>	
Assembly_Rod_Secondary.prt	64.126	<input type="radio"/>	


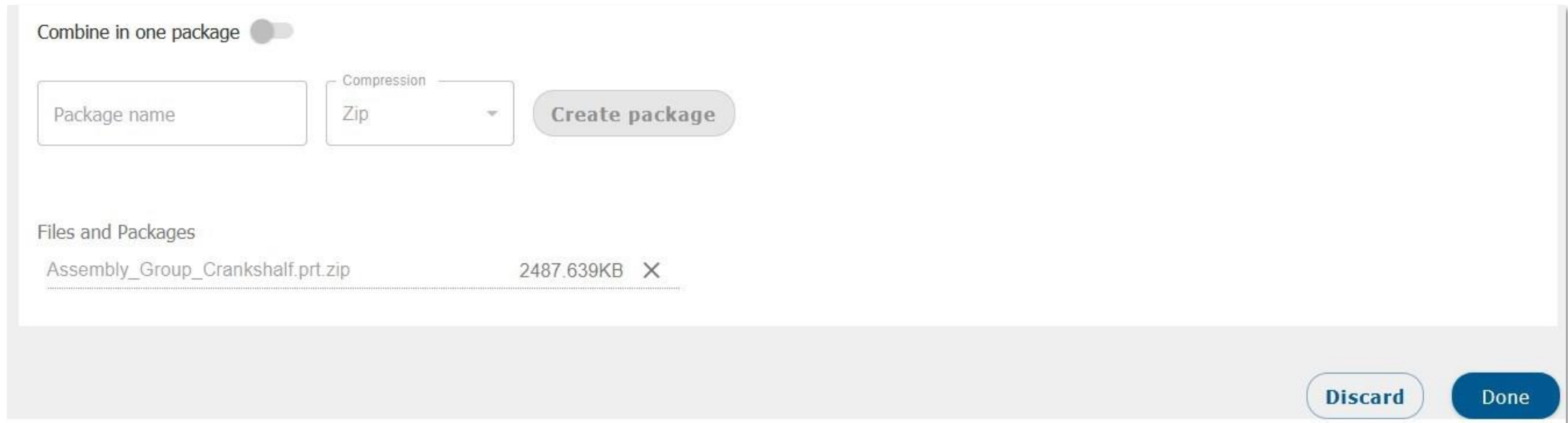


Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- Files and Packages



The screenshot displays the 'Files and Packages' interface of the TRUfusion Web Client. At the top, there is a toggle switch labeled 'Combine in one package' which is currently turned off. Below this, there is a form with a 'Package name' input field, a 'Compression' dropdown menu set to 'Zip', and a 'Create package' button. The main area is titled 'Files and Packages' and contains a list of files. One file is listed: 'Assembly\_Group\_Crankshalf.prt.zip' with a size of '2487.639KB' and a delete icon (X). At the bottom right, there are two buttons: 'Discard' and 'Done'.

Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- Section Description fields

The screenshot displays a web form titled "Description fields" with a blue header bar. The form contains the following elements:

- A dropdown menu labeled "Naming \*" with a downward arrow.
- A dropdown menu labeled "Inhouse project \*" with a downward arrow.
- A text input field labeled "Customer project".
- A text input field labeled "Project manager".
- A text input field labeled "Notes \*".
- A text input field labeled "Engdat free text".
- A dropdown menu labeled "Sending:" with a downward arrow.
- A dropdown menu labeled "Approver" with a downward arrow.
- A checkbox labeled "No approval required".
- At the bottom right, two buttons: "Discard" (light blue) and "Send" (dark blue).

Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- JWS replacement TRUfusion Enterprise Portal
- New Portal Send Job overview

New Portal Send Job

Recipient information

Send to

Laszlo Szalay

Browse users

Add user email addresses to receive your files

Files selection / attachment

Attach files to send with the job

Add files

Name	Size	Remove
------	------	--------

Discard

Send

Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- JWS replacement TRUfusion Enterprise Portal
- Project environment and selecting files

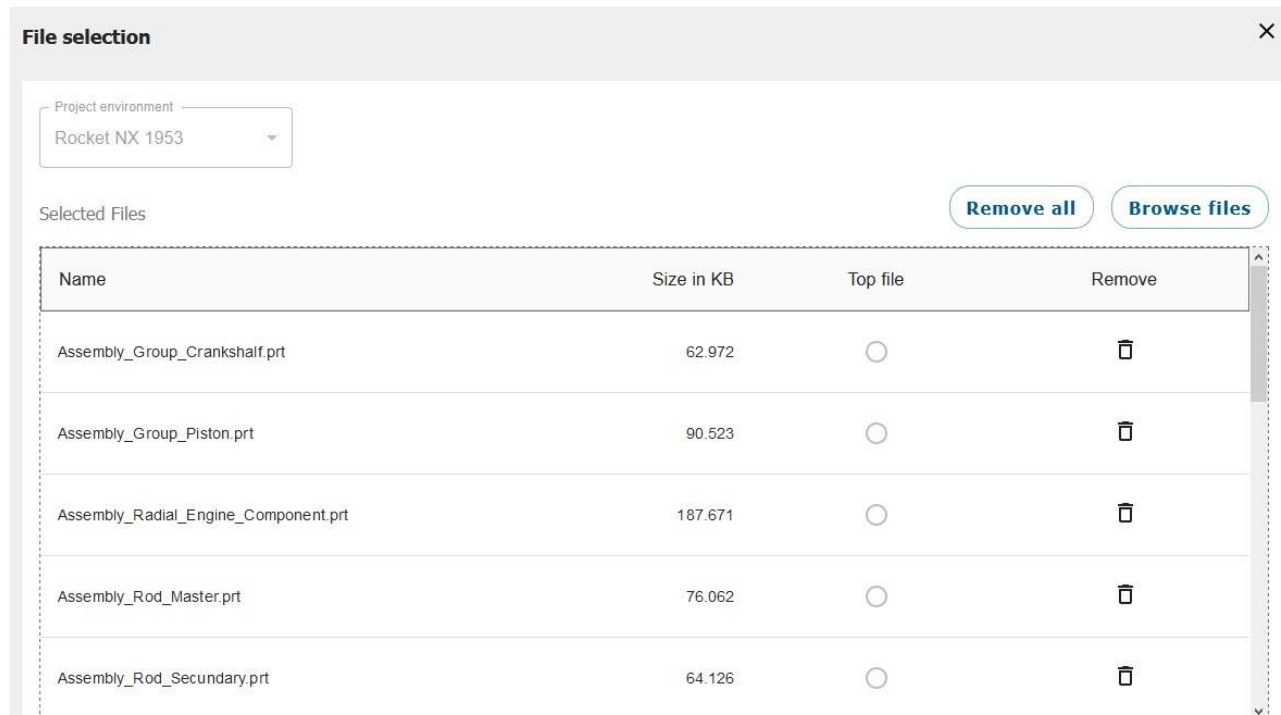


Illustration: Interface TRUfusion Web Client



# Web Application Modernization - Phase 1

- JWS replacement TRUfusion EnterprisePortal
- Packaging and renaming feature

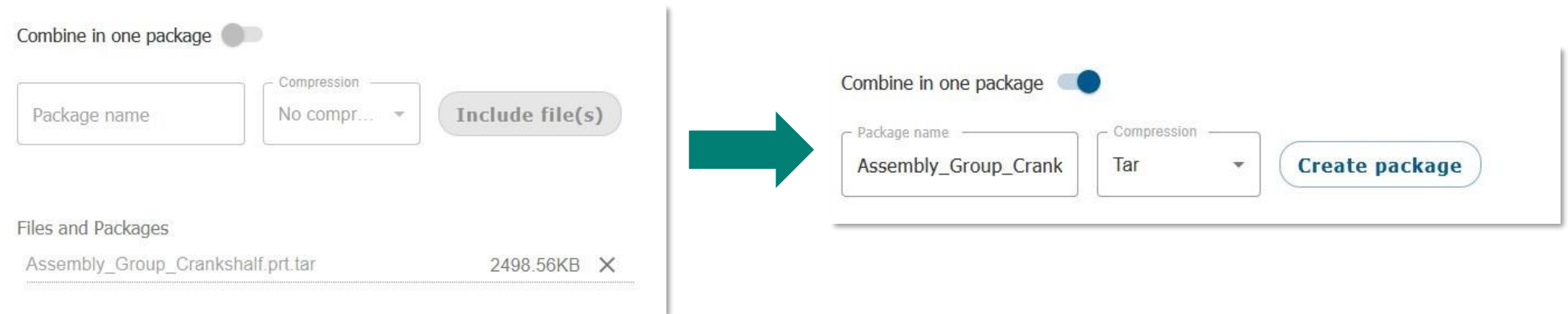


Illustration: Interface TRUfusion Web Client

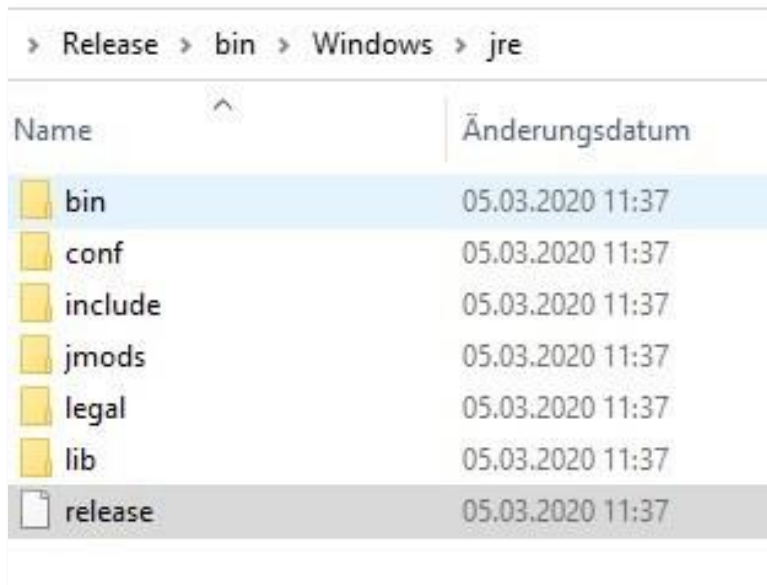


# Oracle Java replacement - Open JDK support



# Oracle Java replacement

- Open JDK 14 support



> Release > bin > Windows > jre		
Name		Änderungsdatum
bin		05.03.2020 11:37
conf		05.03.2020 11:37
include		05.03.2020 11:37
jmods		05.03.2020 11:37
legal		05.03.2020 11:37
lib		05.03.2020 11:37
release		05.03.2020 11:37



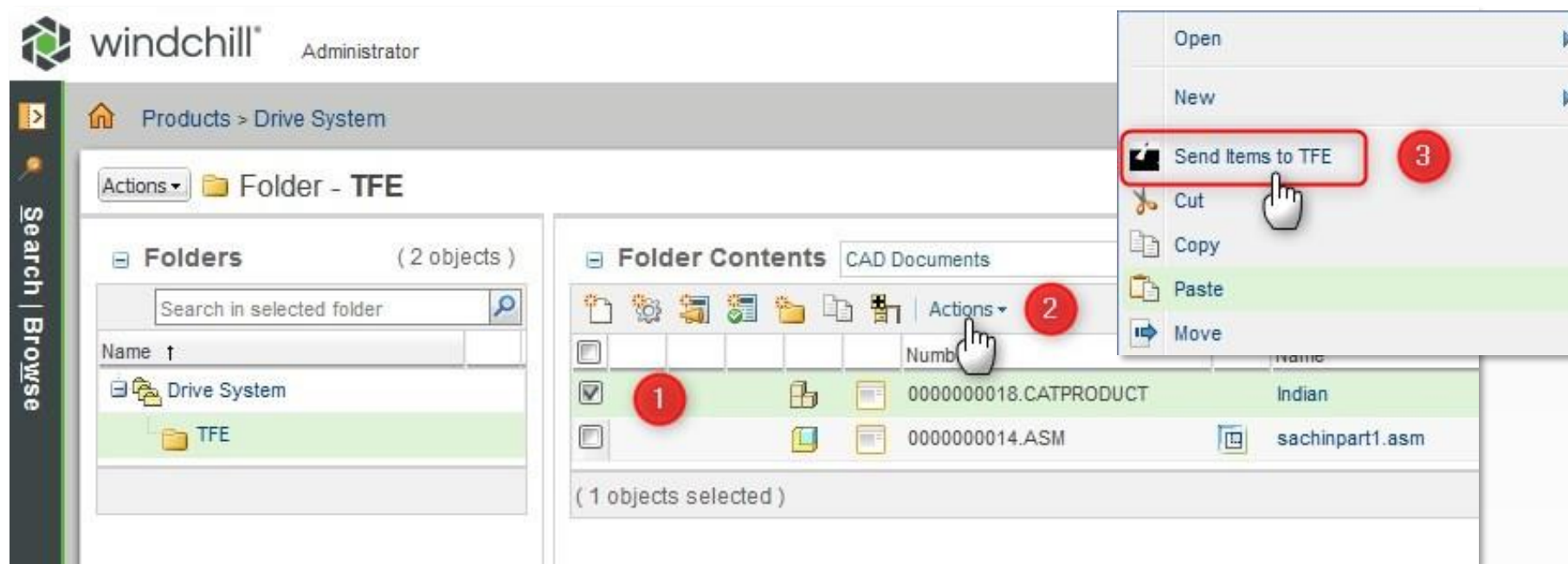
# TRUfusion Enterprise PTC Windchill Integration



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# TRUfusion Enterprise Integration with PTC Windchill

- New plugin for PTC Windchill



# TRUfusion Enterprise Integration with PTC Windchill

- Integrated plugin for job creation

The diagram illustrates the integration workflow between PTC Windchill and TRUfusion Enterprise. It consists of three main components:

- Create TFE Send Job - Step 1:** The first screenshot shows the 'Create TFE Send Job' wizard in Mozilla Firefox. The 'Collect items' step is highlighted with a red box. Below the wizard, a table of 'Baseline Objects' is shown with one object selected.
- Create TFE Send Job - Step 2:** The second screenshot shows the 'Create TFE Send Job' wizard in Mozilla Firefox. The 'Product structures' step is highlighted. The wizard includes sections for 'Document filter group', 'Select Partner Mapping', and 'Select Job Type'.
- Welcome to TRUfusion Enterprise:** The third screenshot shows the login page for TRUfusion Enterprise. It includes fields for 'Username' (user1) and 'Password', a 'Remember me' checkbox, and a 'Login' button.

Arrows indicate the flow from the first screenshot to the second, and from the second screenshot to the login page.



# 3rd Party Integrations



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# 3rd Party Integrations

- 1 Dassault Systemes CATIA V5-6R2020
- 2 PTC Creo Parametric 7.0
- 3 PTC Windchill 11
- 4 Siemens PLM Teamcenter 11.6 with Active Workspace 4.2
- 5 Siemens PLM NX 1953 series



# Security



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# Security

- With our continued focus on security requirements of our products, Rocket has upgraded to a new suite of third-party tools to scan the product code, both statically and dynamically.
- We are now using industry's widely used Polaris & Veracode for code scanning. This further improves the quality of the code we deliver addressing the latest security threats & vulnerabilities.



# Q&A



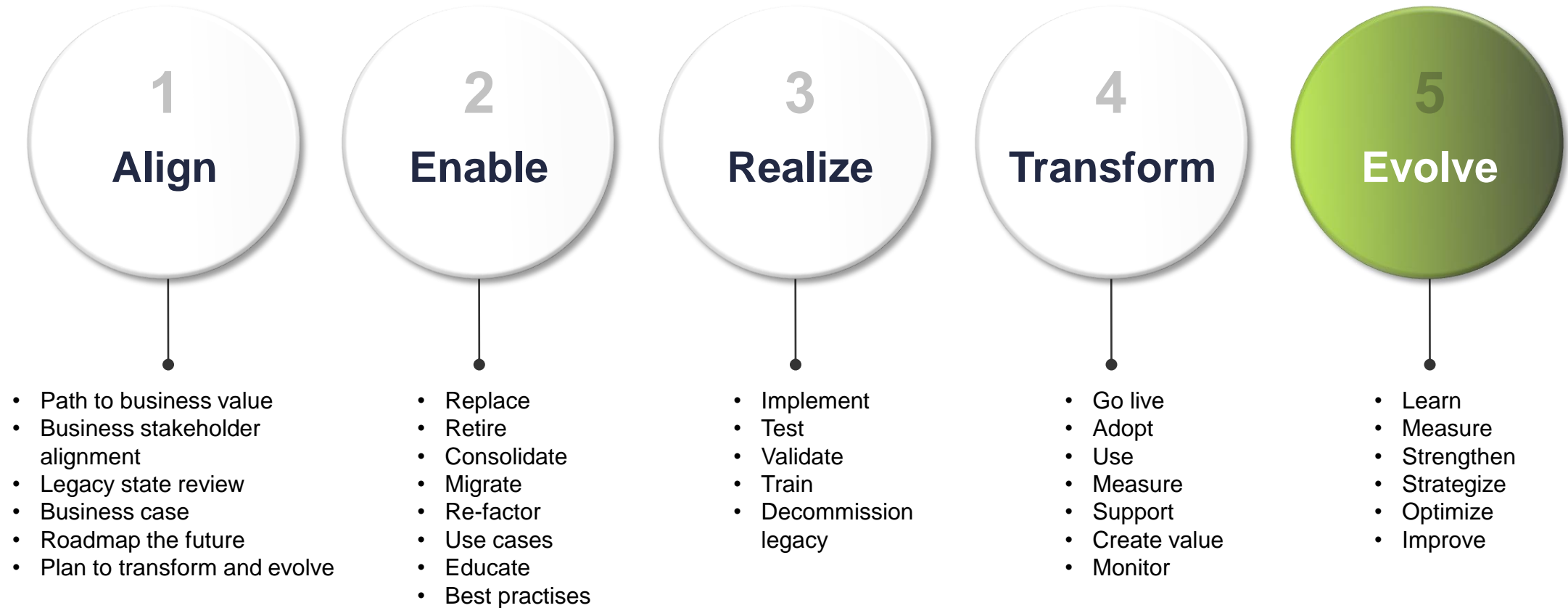
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# TRUfusion Enterprise Roadmap Priorities

# PDX Modernization Customer Journey



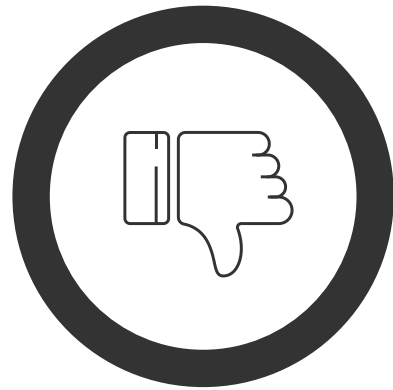
# PDX Process Modernization Journey



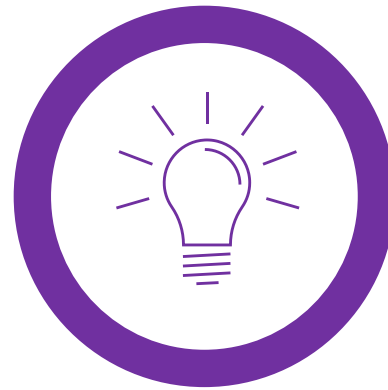
# Roadmap Ideation



Likes



Dislikes



Wants



# Themes for Discussion

## Theme 1 Modernization

- Web Clients
- Architecture
- Security

## Theme 2 Integration

- PLM, CAD and related software
- Collaboration and automation workflows
- Communication media

## Others Themes User Group Driven

- ?
- ?
- ?
- ?



# Next Steps



# How to engage with Rocket

## Rocket Forum

Learn & engage with the Rocket TRUfusion Enterprise community

<https://community.rocketsoftware.com>

Welcome to the Rocket Forum

DISCOVER, LEARN, ENGAGE, NETWORK



## Rocket Build

Hackathon to prototype new ideas

<https://www.rocketsoftware.com/rocketbuild>

Rocket.Build



## Rocket Support

Submit a case and other resources

<https://www.rocketsoftware.com/support>

## Rocket Blog

Latest Rocket news

<https://blog.rocketsoftware.com/>



# Contact the Team



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Thank You!



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