



Rocket TRUfusion Enterprise Virtual User Meeting

April 22nd 2021



Introductions

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

Agenda

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



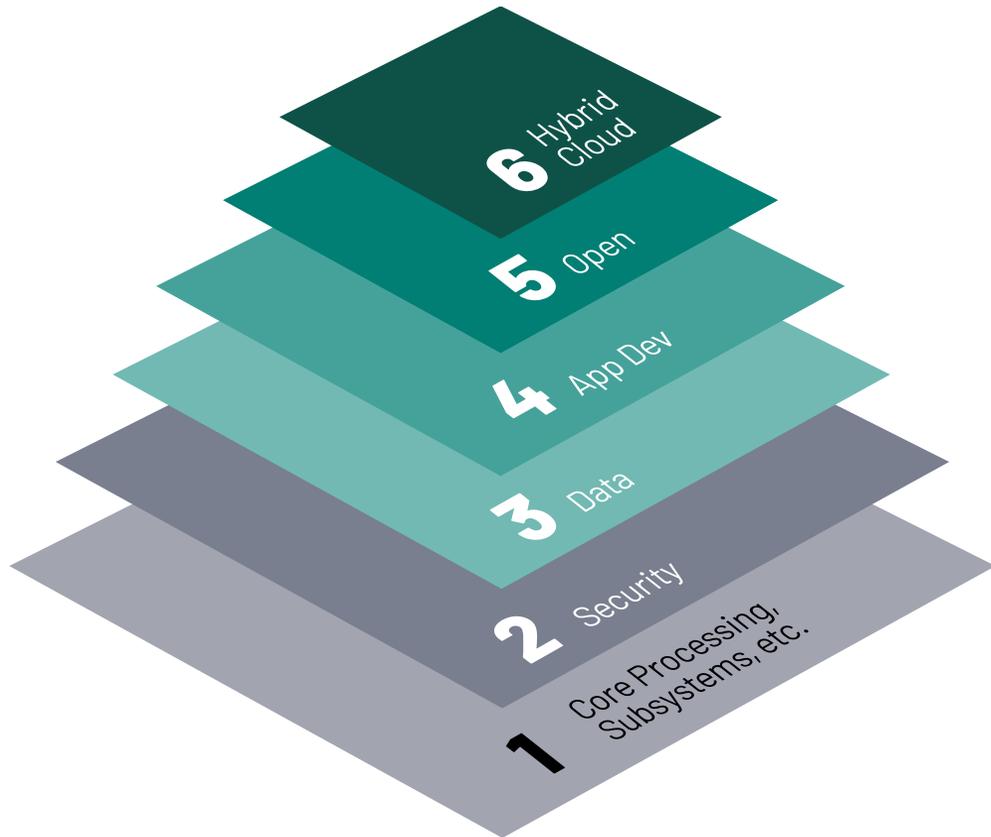
5 of the top Car & Truck
Manufacturers
(Forbes Global 2000)



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

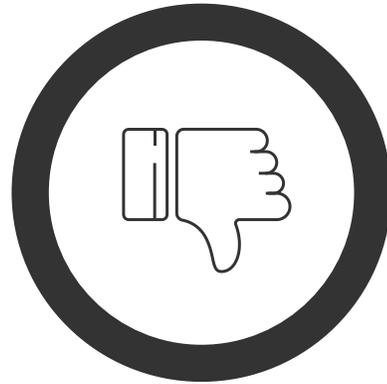


Your feedback is required during Session 4!

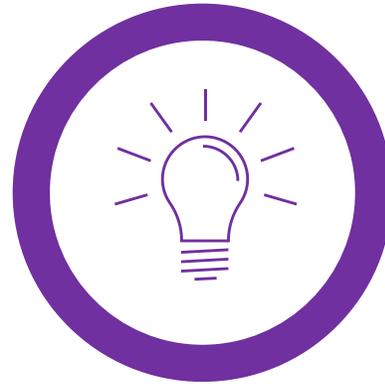
Future Roadmap Priorities



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

Innovating in the market

Meeting customer needs

Delivering quality and value

May 2021

TRUfusion Enterprise 7.9.4.0

New Modules:

- TRUfusion Enterprise  windchill® Plugin

Next Generation Phase 1:

- Replacement of JWS:
 -  TRUfusion Enterprise Web Client
 -  TRUfusion Enterprise Portal Web
- Use of **OpenJDK** to replace Oracle JDK

General maintenance

Committed

2H 2021

TRUfusion Enterprise 7.9.5.0

General maintenance :

- Release support for Teamcenter 13, AW Client 5 and Windchill 12

Committed

2H 2021 Q4

TRUfusion Enterprise 7.10.0.0

New Modules:

- Multi factor authentication (MFA)

Next Generation Phase 2:

-  TRUfusion Enterprise Web Client and Portal Web Client replacement

Key Enhancement:

-  **TEAMCENTER** Active Workspace TRUfusion Enterprise Plugin
- TRUfusion Enterprise  **creo®** Integration

General maintenance

Committed



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

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

LIGHTING



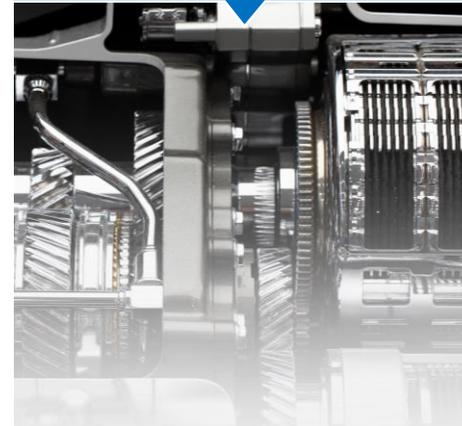
Challenge

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

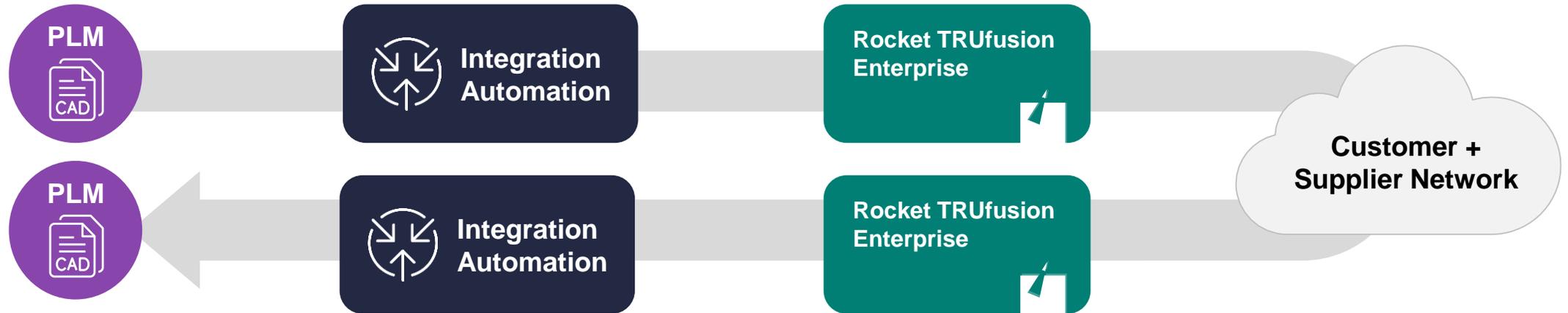
Cost/delays of manual
process & customer
compliance

Results

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



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



Partnerships



Features



- PLM + CAD **integrated**
- **Automated** data orchestration
 - ✓ CAD checking
 - ✓ CAD translation
 - ✓ CAD renaming
- **Secure**
- **Multiple mediums:**
 - OFTP2, Portal (on prem or cloud)
- Complete **audit trail**

Benefits



- Reduce the risk and cost of errors
- Protect valuable **intellectual property (IP)**
- **Reduce** product development **leadtimes**
- **Comply** with customer and regulatory demands
- **Automate and modernize** the process to replace old legacy/out of date methods
- **Enable productivity.** Use your engineering talent and teams in a smarter, more efficient way

What is the purpose?



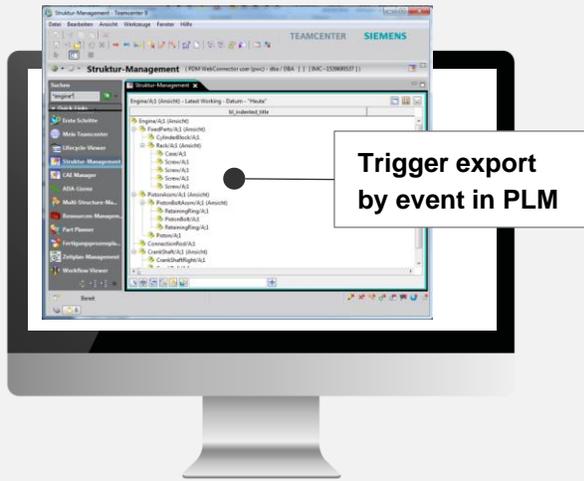
- RFQs
- Release design data
- Change design data
- Reference design data



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

Customer PLM Environment

Teamcenter, Windchill, Aras Innovator, 3DExperience



gfi_number	gfi_C3pang_Nomname	name	gfi_rev	Item
0000124	0000124.CATPart	Skript Differential	0000124	00001
0000125	0000125.CATProduct	Skript Differential ass.	0000125	00001
0000126	0000126.CATProduct	Skript Differential	0000126	00001
0000127	0000127.CATProduct	Differentialgehäuse	0000127	00001
0000128	0000128.CATProduct	Differential Welle	0000128	00001
0000129	0000129.CATProduct	Achswellenrad	0000129	00001
0000130	0000130.CATProduct		0000130	00001
0000131	0000131.CATProduct		0000131	00001
0000132	0000132.CATProduct		0000132	00001
0000133	0000133.CATProduct		0000133	00001
0000134	0000134.CATProduct		0000134	00001
0000135	0000135.CATProduct		0000135	00001
0000136	0000136.CATProduct		0000136	00001
0000137	0000137.CATProduct	Ausgleichrad	0000137	00001
0000147	0000147.CATProduct	Antriebschelle Seite	0000147	00001
0000148	0000148.CATPart		0000148	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

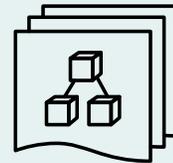
- ✓ Installer
- ✓ Auto-recognition of CAD data model

Easy to configure

- ✓ GUI based
- ✓ Driven by PLM customization



Integration Platform



Rocket TRUfusion Enterprise

Rocket Portal Cloud or On Prem



Q&A





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



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

The screenshot shows the 'New send job' interface in the Rocket TRUfusion Enterprise web client. The page has a dark blue header with the logo and navigation links. The main content area is divided into two sections: 'Recipient information' and 'Files selection / attachment'.

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

Add contact email addresses to receive your files

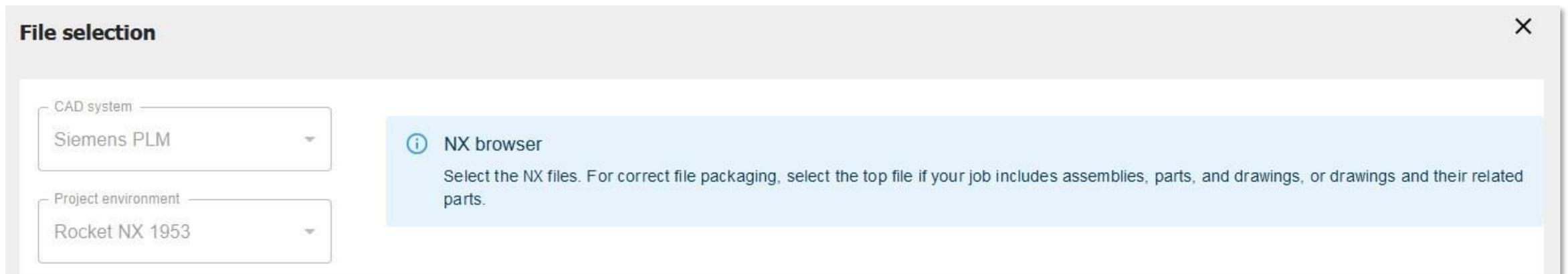
CC to

Thomas Fechner	
tfechner@rocketsoftware.com	<small>mail notification</small>

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

i **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

Combine in one package

Package name

Compression

Create package

Files and Packages

Assembly_Group_Crankshalf.prt.zip 2487.639KB X

Discard Done

Illustration: Interface TRUfusion Web Client



Web Application Modernization - Phase 1

- Section Description fields

The screenshot displays a form titled "Description fields" with the following elements:

- Naming ***: A dropdown menu.
- Inhouse project ***: A dropdown menu.
- Customer project**: A text input field.
- Project manager**: A text input field.
- Notes ***: A text input field.
- Engdat free text**: A text input field.
- Sending:**: A dropdown menu.
- Approver**: A dropdown menu.
- No approval required**: A checkbox.
- Discard** and **Send**: Action buttons at the bottom right.

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

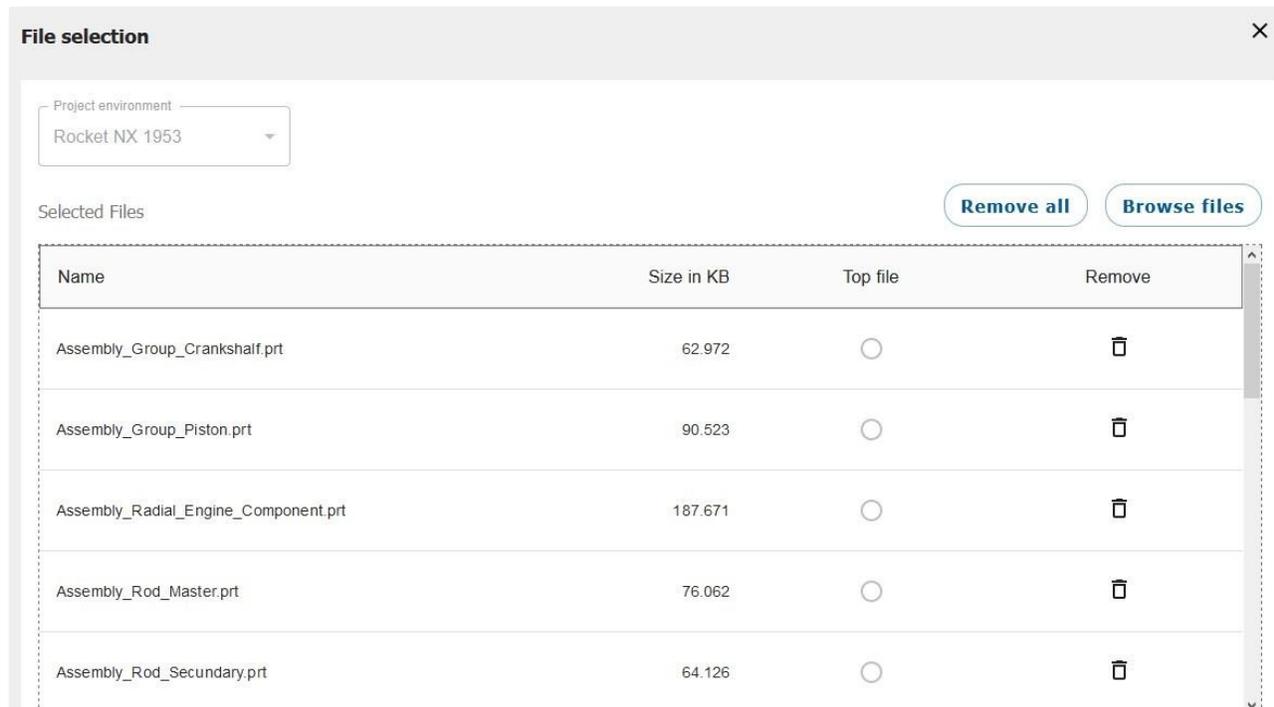


Illustration: Interface TRUfusion Web Client



Web Application Modernization - Phase 1

- JWS replacement TRUfusion EnterprisePortal
- Packaging and renaming feature

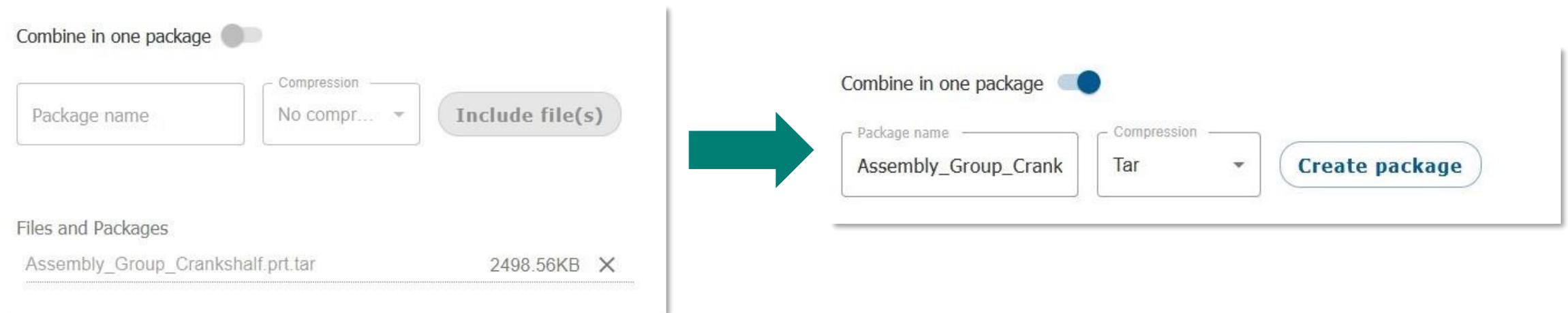


Illustration: Interface TRUfusion Web Client

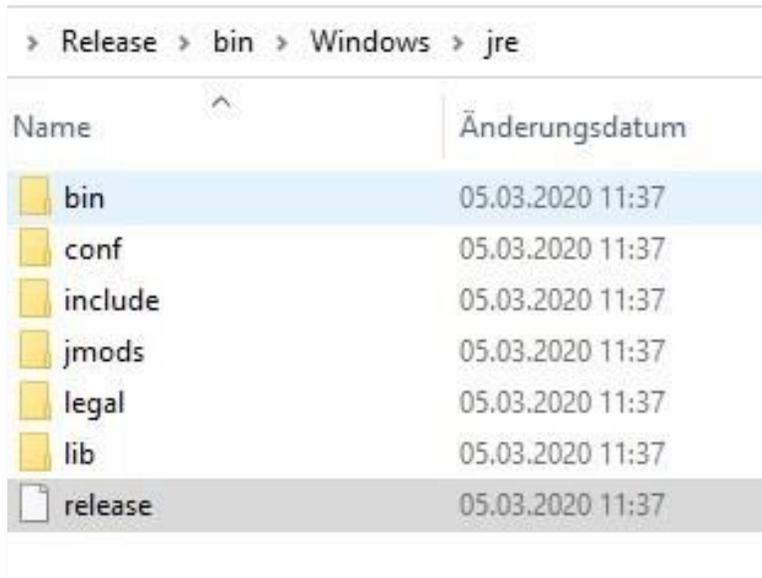


Oracle Java replacement - Open JDK support



Oracle Java replacement

- Open JDK 14 support



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

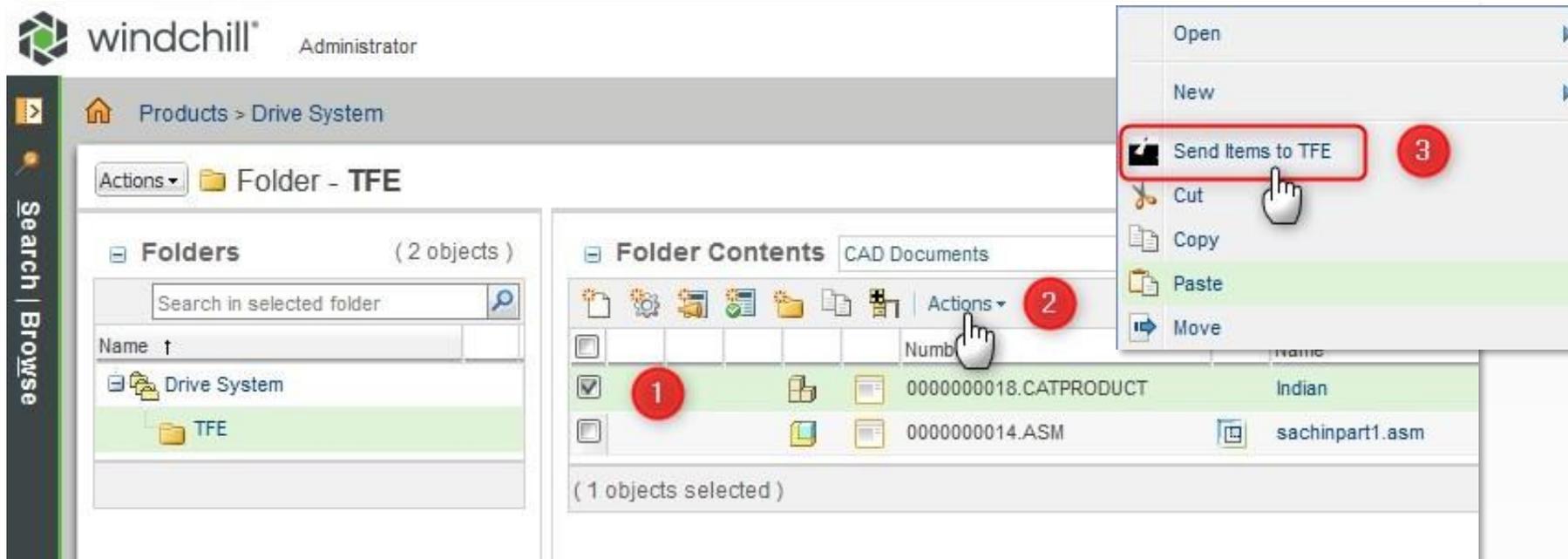


TRUfusion Enterprise PTC Windchill Integration



TRUfusion Enterprise Integration with PTC Windchill

- New plugin for PTC Windchill



TRUfusion Enterprise Integration with PTC Windchill

- Integrated plugin for job creation

The image illustrates the integration workflow for creating a TFE Send Job. It consists of three sequential steps:

- Step 1: Collect items** - The user is presented with a 'Baseline Objects' table. The table contains one object:

Name	Number	Version	State	Last Modified	Context
Indian	0000000018.CATPRODUCT A.1	In Work	2021-01-08 11:05 CET	Drive System	
- Step 2: Product structures** - The user configures filters for the job creation process, including 'Document filter group', 'Select Partner Mapping' (set to 'DEFAULT'), and 'Select Job Type' (set to 'INTERNAL').
- Step 3: Login** - The user is redirected to the TRUfusion Enterprise login page, where they enter their 'Username' (user1) and 'Password' to access the system.



3rd Party Integrations



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



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



TRUfusion Enterprise Roadmap Priorities

PDX Modernization Customer Journey



PDX Process Modernization Journey



- Path to business value
- Business stakeholder alignment
- Legacy state review
- Business case
- Roadmap the future
- Plan to transform and evolve



- Replace
- Retire
- Consolidate
- Migrate
- Re-factor
- Use cases
- Educate
- Best practises



- Implement
- Test
- Validate
- Train
- Decommission legacy



- Go live
- Adopt
- Use
- Measure
- Support
- Create value
- Monitor



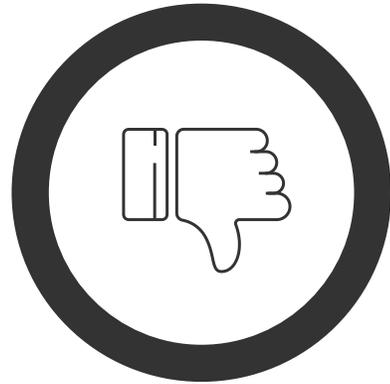
- Learn
- Measure
- Strengthen
- Strategize
- Optimize
- Improve



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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