



Rocket TRUfusion Enterprise Virtual User Meeting

21.04.2021



Begrüßung

Hans-Peter Uhrig
Senior Account Executive

Agenda

13:30 - 13:45

Begrüßung, Hans-Peter Uhrig

13:45 - 14:00

Product Roadmap, Martyn Davies

14:00 - 14:45

Produktdemo der Release 7.9.4.0 Thomas Fechner

14:45 - 15:55

Kundenprioritäten für die Roadmap, Hans-Peter Uhrig

15:55 - 16:00

Nächste Schritte, Hans-Peter Uhrig



Ihre Ansprechpartner bei Rocket



Hans-Peter Uhrig

Senior Account Executive



Thomas Fechner

Senior Manager,
Customer Solutions
Engineering



Martyn Davies

Director of Product
Management



Rocket Software

In Zahlen



31 Jahre
gegründet am
16.4.1990



Firmenhauptsitz
in **Waltham, MA, USA**



> 22.700
Kunden



2.400
Partner



30
Niederlassungen ww



1.600
Mitarbeiter weltweit



600
In der Entwicklung



24 × 7 × 365
Weltweiter Kunden-Support



Unser Partner Nr. 1
seit April 1994



21
IBM Champions in 2021



Jeder in der westlichen Welt hat schon einmal mit Software von Rocket Berührung gehabt, meistens ohne es zu wissen.



44 der Fortune 50
Unternehmen



10 der Top 10
Banken (F500)



9 der Top 10 Luft- u. Raum-
fahrtunternehmen (F500)



4 der Top 5
Handelsunternehmen
(Forbes Global 2000)



5 der größten PKW &
LKW Hersteller
(Forbes Global 2000)

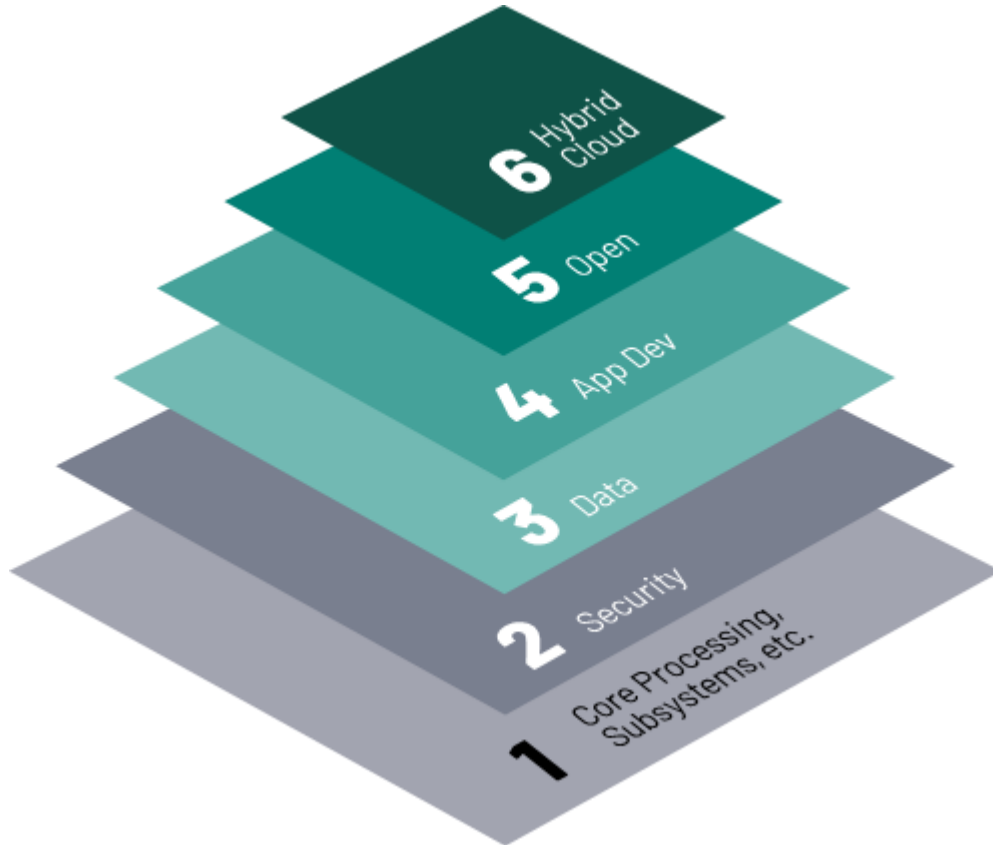


5 der Top 5
Gesundheits-Versorger
(Forbes Global 2000)



Rocket Innovation auf mehreren Ebenen

modernisieren, automatisieren und erneuern ohne Plattformwechsel



✓ Bestandssysteme mit Cloud Infrastruktur verbinden oder dorthin migrieren

✓ Open Source Software in Bestandssysteme integrieren

✓ Anwendungen und Benutzererlebnisse entwickeln, die von Anwendern erwartet werden

✓ Beschleunigtes Datenwachstum beherrschen und Real-time Zugriff für AI, ML, Analytics u.s.w. ermöglichen

✓ Datensicherheit kontinuierlich verbessern und Konformität ermöglichen

✓ Betrieb von Kernsystemen effizienter machen und ihre Akzeptanz verbessern

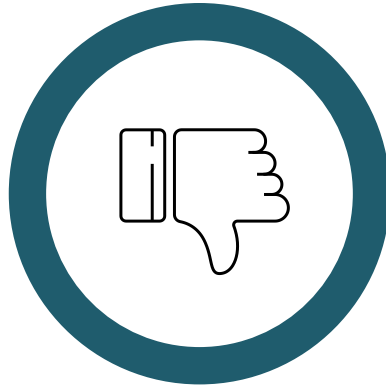


Ihr Feedback wird gefragt

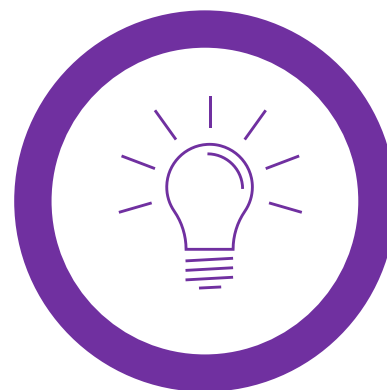
4. Sitzung: Ihre Prioritäten für zukünftige Roadmaps



Favoriten



Unbeliebtes



Wünsche





Rocket 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



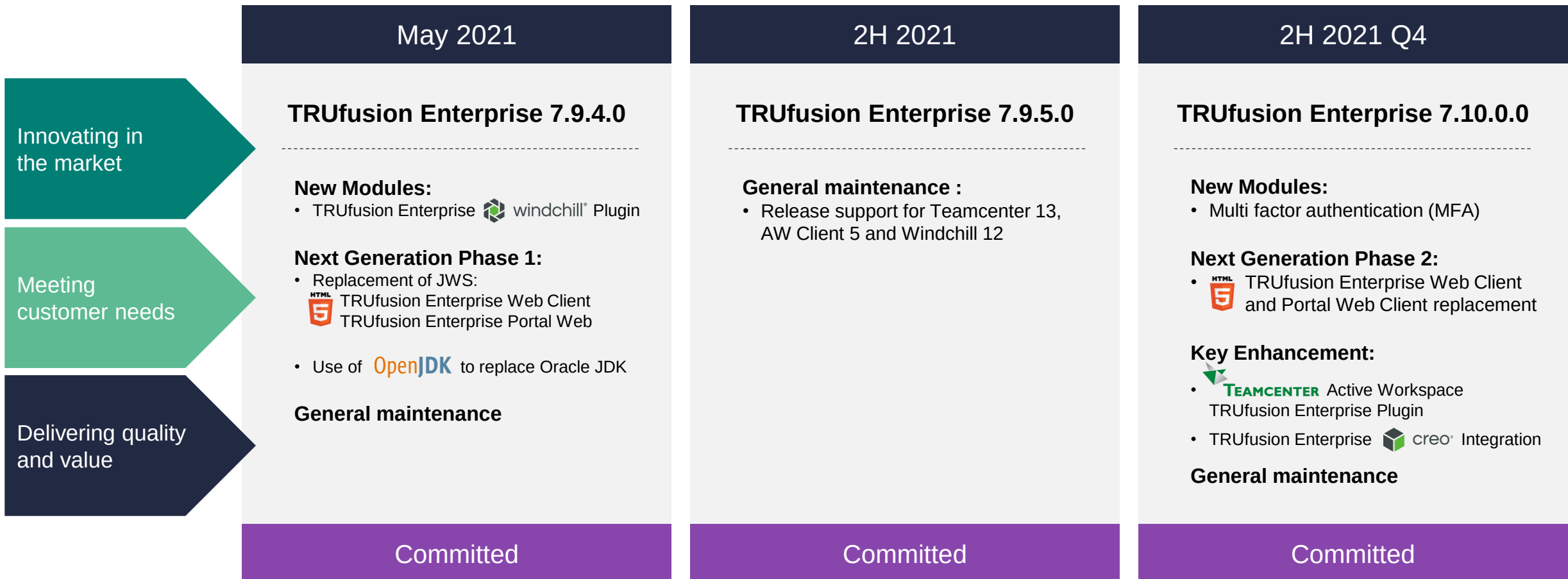
24/7 solution access backed by Rocket support



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

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

LIGHTING



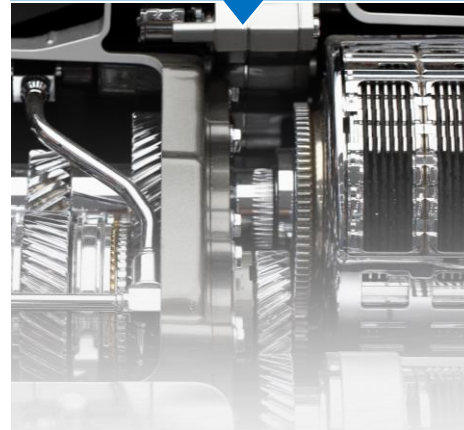
Challenge

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

Results

Boosted user productivity &
ROI < 12 months

MOBILITY SOLUTIONS



Challenge

Multiple sites, geo's and
systems created
inefficiencies & cost

Results

Vendor rationalization,
reduce time for PDX

METAL CASTING



Challenge

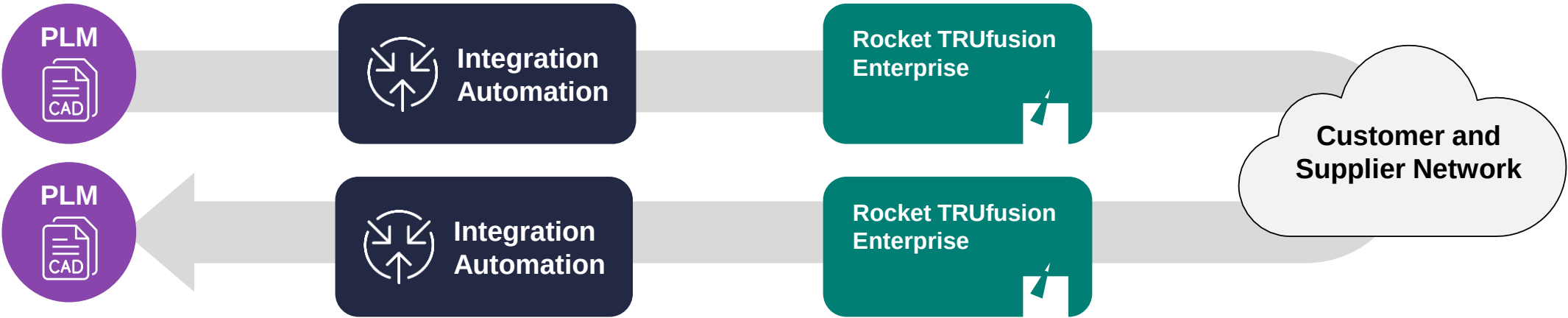
Cost/delays of manual
process & customer
compliance

Results

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



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



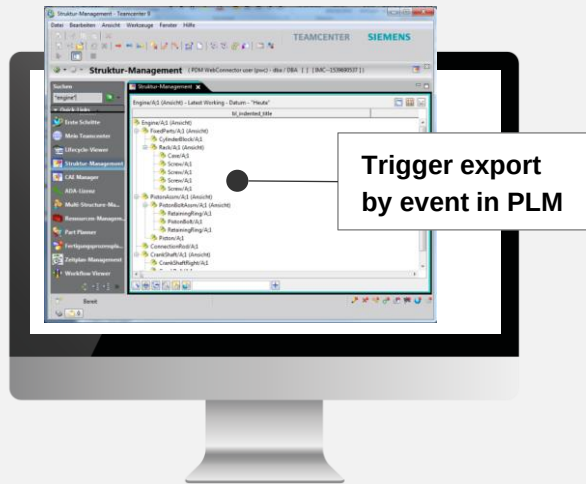
Partnerships 	Features 	Benefits 	What is the purpose? 
Solution Partner PLM PTC PartnerAdvantage SIEMENS T-Systems	- PLM + CAD integrated Automated data orchestration ✓ CAD checking ✓ CAD translation ✓ CAD renaming Secure Multiple mediums: - OFTP2, Portal (on prem or cloud) - Complete audit trail	- Reduce the risk and cost of errors - Protect valuable intellectual property (IP) Reduce product development lead-times 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	- 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



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

Analyse contained properties and compare

Easy installation

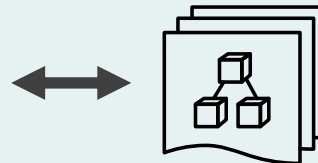
- ✓ Installer
- ✓ Auto-recognition of CAD data model

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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Thank You!





Neues in Rocket TRUfusion Enterprise 7.9.4.0

Thomas Fechner
Senior Manager, Customer Solutions Engineering

Agenda

- 1 Modernisierung der Web Komponenten – Phase 1
- 2 Oracle Java Ersatz - Open JDK Unterstützung
- 3 TRUfusion Integration mit PTC Windchill
- 4 Integration von Anwendungen anderer Anbieter
- 5 Verbesserung der Sicherheit



1. Modernisierung der Web Komponenten - Phase 1



Modernisierung der Web Komponenten

- Java Web Start (JWS) im Web Client und Web Portal wurde durch eine modernere, HTML/Web-basierte Benutzeroberfläche ersetzt.
- Neues Oberflächen-Design mit vereinfachtem Workflow zur Job-Erstellung



Modernisierung der Web Komponenten

- Die neue HTML Oberfläche des 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



Modernisierung der Web Komponenten

- Empfänger Informationen mit interaktiver Suche zur Kontaktauswahl

New send job

Recipient information

Send to

Add contact email addresses to receive your files

Browse contacts CC to

CC to

Add contact email addresses to get a cc email notification

New send job

Recipient information

Send to

Add contact email addresses to receive your files

CC to

Thomas Fechner
tfechner@rocketsoftware.com

ail notification



Modernisierung der Web Komponenten

- Auswahl eines CAD Systems und einer Projektumgebung

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.



Modernisierung der Web Komponenten

- Dateiauswahl mittels Mausziehen (*drag & drop*)

Selected Files

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

Name	Size in KB	Top file	Remove
Assembly_Group_Crankshalf.prt	62.972	☐	
Assembly_Group_Piston.prt	90.523	☐	
Assembly_Radial_Engine_Component.prt	187.671	☒	
Assembly_Rod_Master.prt	76.062	☐	
Assembly_Rod_Secondary.prt	64.126	☐	



Modernisierung der Web Komponenten

- Dateien und Pakete

Combine in one package ☐

Package name

Compression

Create package

Files and Packages

Assembly_Group_Crankshalf.prt.zip 2487.639KB X

Discard Done



Modernisierung der Web Komponenten

- Beschreibungen für Abschnitte

Description fields

Naming *

Inhouse project *

Customer project

Project manager

Notes *

Engdat free text

Sending:

Approver

☐ No approval required

Discard

Send



Modernisierung der Web Komponenten

- JWS Ersatz im TRUfusion Enterprise Portal
 - Neue Übersicht für versandte Jobs im Portal

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



Modernisierung der Web Komponenten

- JWS Ersatz im TRUfusion Enterprise Portal
 - Projekt- und Dateiauswahl

File selection

Project environment

Rocket NX 1953

Selected Files

Remove all

Browse files

Name	Size in KB	Top file	Remove
Assembly_Group_Crankshalf.prt	62.972	☐	
Assembly_Group_Piston.prt	90.523	☐	
Assembly_Radial_Engine_Component.prt	187.671	☐	
Assembly_Rod_Master.prt	76.062	☐	
Assembly_Rod_Secondary.prt	64.126	☐	



Modernisierung der Web Komponenten

- JWS Ersatz im TRUfusion Enterprise Portal
 - Funktionen für Verpacken und Umbenennen

The diagram illustrates a workflow for creating a package in the TRUfusion Enterprise Portal. It consists of two main panels connected by a large black arrow pointing from left to right.

Left Panel (Initial State):

- Combine in one package:** A toggle switch that is currently turned off (grey).
- Package name:** An empty text input field.
- Compression:** A dropdown menu showing "No compr..." with a downward arrow.
- Include file(s):** A grey button.
- Files and Packages:** A section containing a list of files. The first entry is "Assembly_Group_Crankshalf.prt.tar" with a size of "2498.56KB" and a close icon (X).

Right Panel (Final State):

- Combine in one package:** A toggle switch that is now turned on (blue).
- Package name:** A text input field containing the value "Assembly_Group_Crank".
- Compression:** A dropdown menu showing "Tar" with a downward arrow.
- Create package:** A blue button.

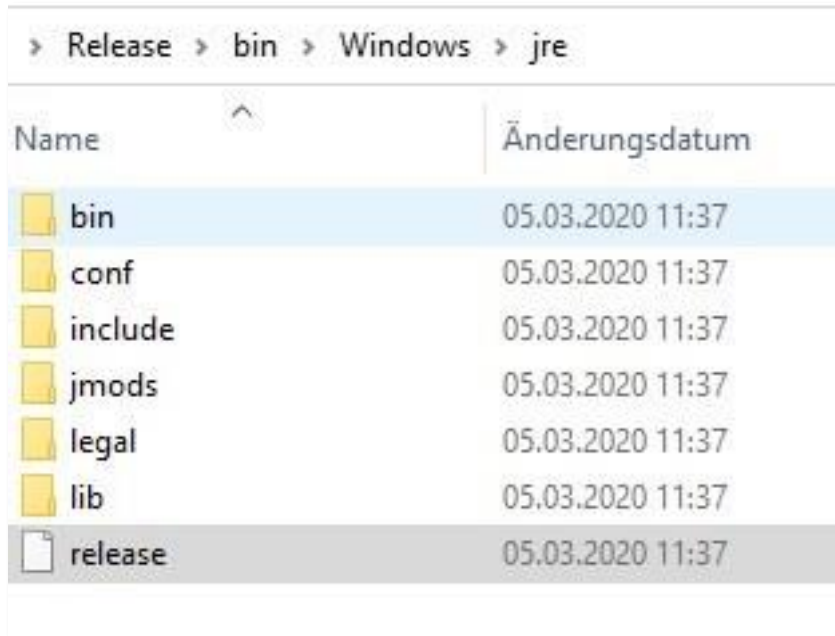
2. Oracle Java Ersatz

- Open JDK Unterstützung



Oracle Java Ersatz

- Unterstützung von Open JDK 14



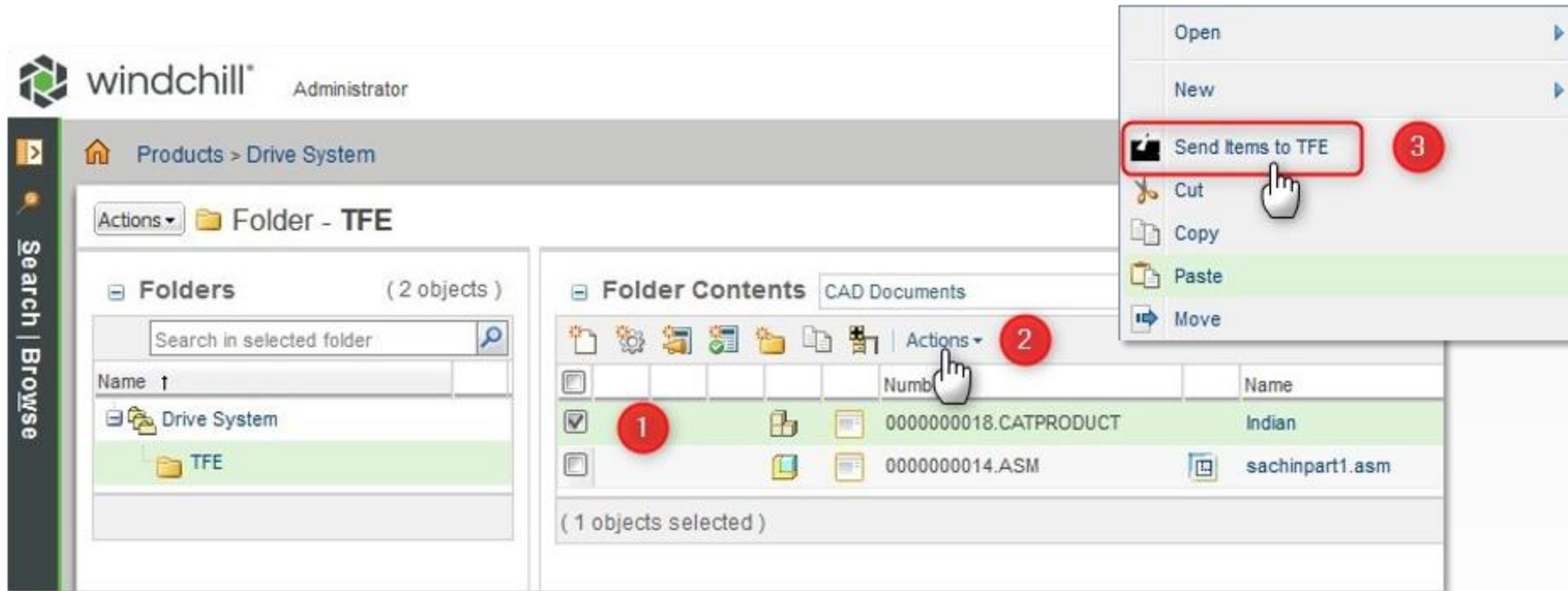
> Release > bin > Windows > jre		
Name		Änderungsdatum
bin		05.03.2020 11:37
conf		05.03.2020 11:37
include		05.03.2020 11:37
jmods		05.03.2020 11:37
legal		05.03.2020 11:37
lib		05.03.2020 11:37
release		05.03.2020 11:37

3. TRUfusion Enterprise Integration mit PTC Windchill



TRUfusion Enterprise Integration mit PTC Windchill

- Das neue Plug-in für PTC Windchill 11



TRUfusion Enterprise Integration mit PTC Windchill

- Voll integriertes Plug-in zur Job-Erstellung

The image displays the 'Create TFE Send Job' workflow in PTC Windchill, showing the 'Collect items' step, the 'Product structures' step, and the 'TFE Send Job' step, with a 'Welcome to TRUfusion Enterprise' login screen on the right.

Create TFE Send Job - Step 1: Collect items

Baseline Objects (1 objects)

Name	Number	Version	State	Last Modified	Context
Indian	0000000018.CATPRODUCT A.1	In Work	2021-01-08 11:05 CET	Drive System	

(0 objects selected)

Create TFE Send Job - Step 2: Product structures

Document filter group

CAD Models: ALL CAD Drawings: ALL Non-CAD Content:

Select Partner Mapping

Indian: DEFAULT

Select Job Type

Job Type: INTERNAL

Welcome to TRUfusion Enterprise

Username: user1

Password: [password field]

☐ Remember me

Login



4. Integration von Anwendungen anderer Anbieter



Integrationen

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



5. Verbesserung der Sicherheit



Verbesserung der Sicherheit

- Im Rahmen der erhöhten Sicherheitsanforderungen an unsere Produkte verwendet Rocket neue Lösungen zur Analyse unserer Programme.
- Rocket setzt die anerkannten Lösungen **Polaris** und **Veracode** ein, um die Software statisch und kontinuierlich zu analysieren.
- Dadurch können wir neue Bedrohungen und Schwachstellen schneller und öfter identifizieren, beseitigen sowie Qualität und Sicherheit unserer Software verbessern.





Danke!



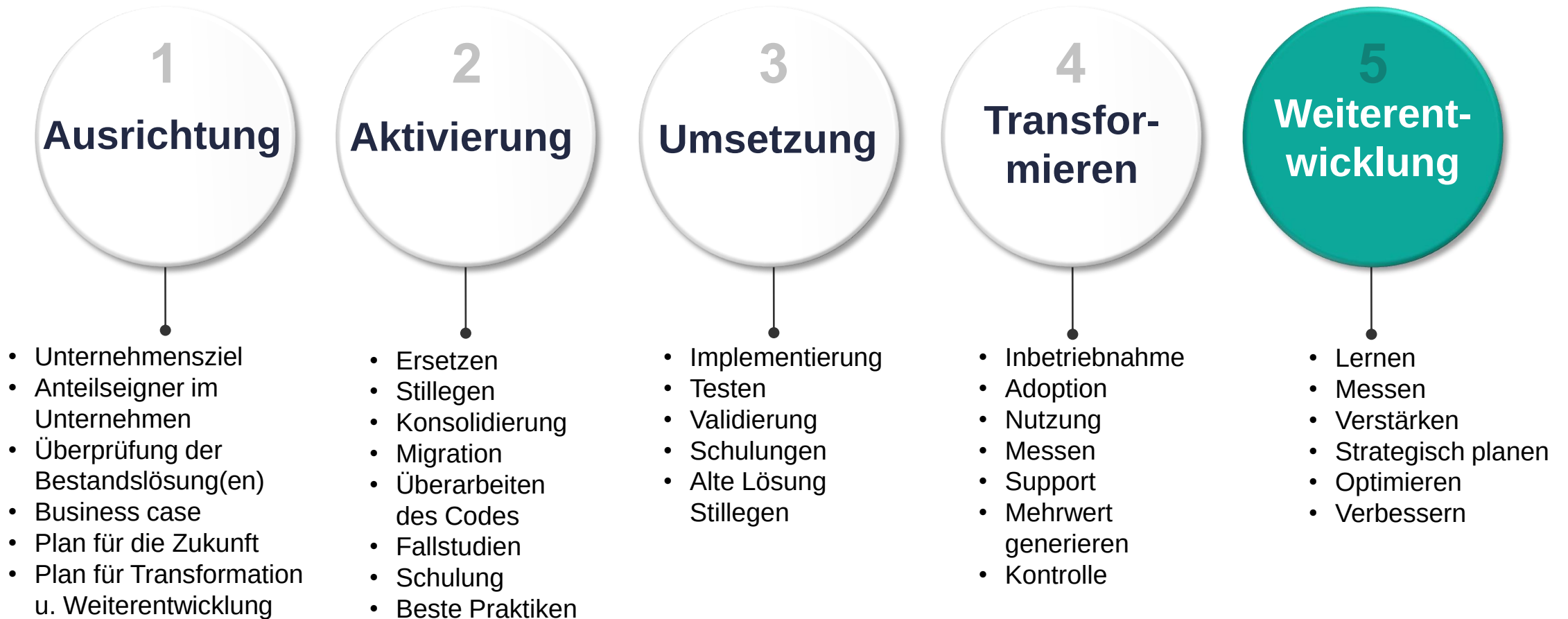
Kundenprioritäten für die Roadmap

Hans-Peter Uhrig
Senior Account Executive

Die Reise zur PDX Prozeßmodernisierung



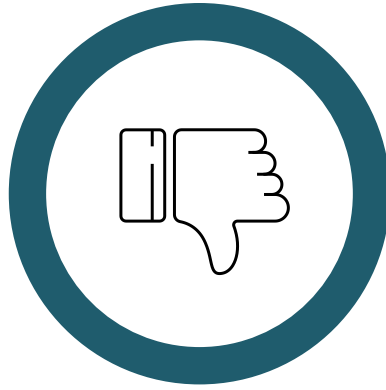
Die Reise zur PDX Prozeßmodernisierung



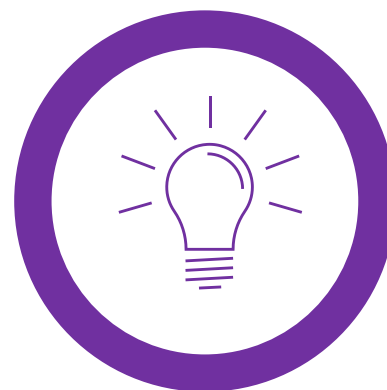
Ideenfindung für die Roadmap



Favoriten



Unbeliebtes



Wünsche



Themen zur Diskussion

Thema 1 Modernisierung

- Web Clients
- Architektur
- Sicherheit

Thema 2 Integration

- PLM, CAD und verwandte Software
- Kollaboration und Automatisierung
- Kommunikation

Andere Themen Durch Anwender-Input

- ?
- ?
- ?
- ?



Nächste Schritte



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Wie und wo Sie Rocket finden können

Rocket Forum

Kommunizieren Sie mit uns in der Rocket TRUfusion Enterprise community

<https://community.rocketsoftware.com>

Welcome to the Rocket Forum
DISCOVER, LEARN, ENGAGE, NETWORK



Rocket Build

Unser *Hackathon* für neue Produktideen

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

Rocket.Build



Rocket Support

Melden Sie ein Problem, laden Sie eine neue Version herunter, und mehr unter:

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

Rocket Blog

Neuigkeiten von Rocket Software unter:

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



Ihre Ansprechpartner bei Rocket



Hans-Peter Uhrig

Senior Account Executive

huhrig@rocketsoftware.com



Thomas Fechner

Senior Manager, Customer Solutions Engineering

tfechner@rocketsoftware.com



Martyn Davies

Director of Product Management

mdavies@rocketsoftware.com





Danke!



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