ptc

LIVEWORX

A NEW ERA IN PRODUCT LIFECYCLE INNOVATION

SESSION ID: PL1128B

# WINDCHILL+ STRATEGY AND ROADMAP


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# SaaS PROVIDES REAL BENEFITS FOR CUSTOMERS

# PLM TRENDS IN MANUFACTURING

Manufacturers are migrating PLM to cloud, and SaaS PLM is how are looking to deliver real value, faster.

## Migrating to Cloud [1]

- Manufacturers have or plan to move PLM to Cloud
- Only 19% plan to remain on-premises

## Shift to SaaS accelerates [1]




- Growth in PLM SaaS procurement
- Perpetual and Subscription (non-SaaS) procurement all declining

## Public Cloud SaaS [2]

- Manufacturers have or plan to use Public Cloud SaaS PLM

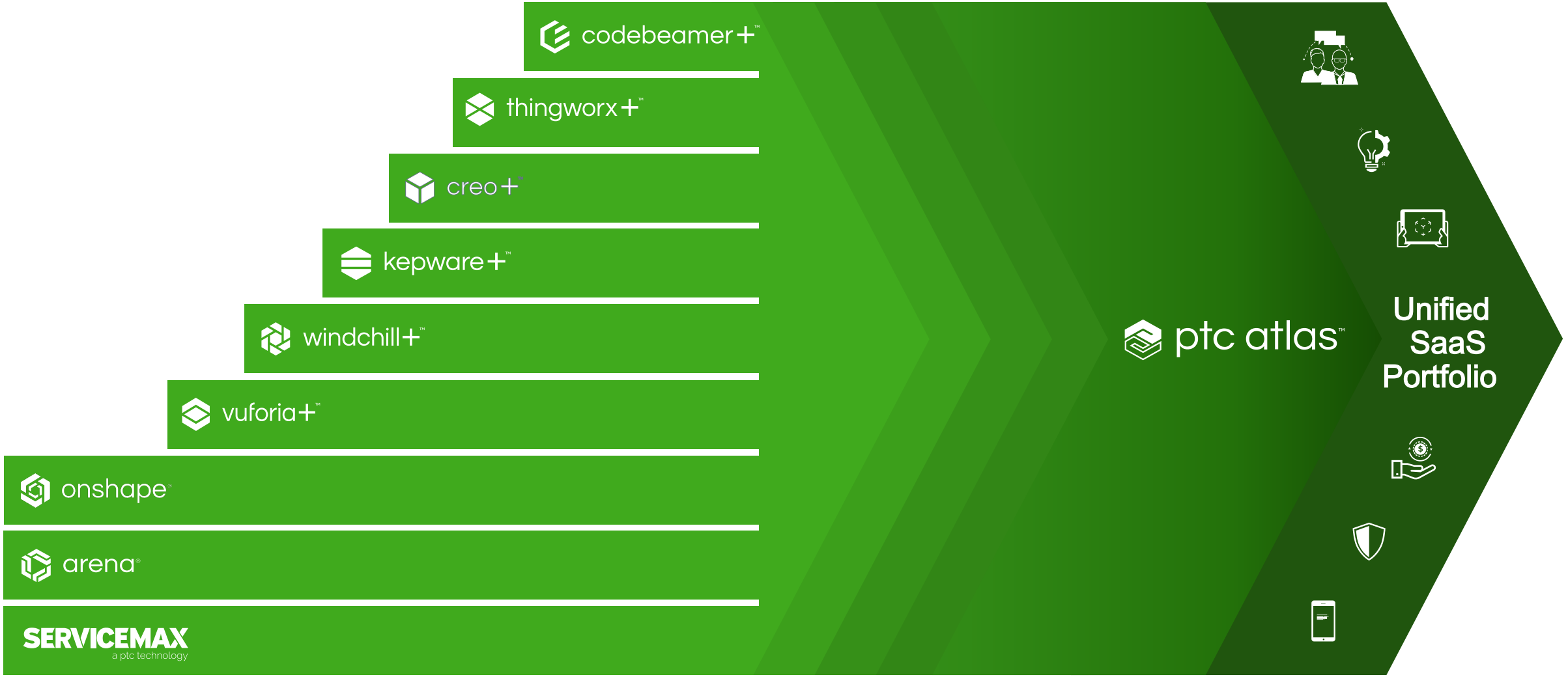
## SaaS Design Tools [2]

- Manufacturers currently use or plan to use SaaS design tools including CAD, CAM, and CAE

## Sustainability - driven design [3]

- Manufacturers are prioritizing PLM to achieve their most pressing product sustainability goals

# ROADMAP TO SaaS FUTURE




Note: PTC's plus strategy leverages Atlas, the original SaaS platform acquired with Onshape. PTC will continue to offer on-premise offerings for Creo, Windchill, Integrity/ Codebeamer, ThingWorx and Vuforia indefinitely.

# PTC ATLAS PLATFORM

ptc atlas™

arena®
onshape®
SERVICEMAX
a ptc technology

vuforia+™ windchill+™ kepware+™ creo+™

Login , Start Page & Global Administration

PTC Business Operation Systems

Developer Services

Digital Twin Services | Visualization Content Services | Applied Analytics Services | Application Services

Data Integration & Orchestration Services

Platform Core Services

Tenant Mngt

Identity & Access Mngt

Analytics

Collaboration

IaaS / PaaS

A Trusted Platform

Security

Privacy

Compliance

Availability

Regionality

Recovery

# VISION windchill+™

## Accelerating Value beyond a traditional customized On-Premises solution

### Unified PTC+ Portfolio With Exclusive Value - Added Services on Atlas

Seamless interoperability with PTC+offerings

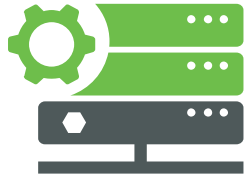
Exclusive SaaS features to improve collaboration, drive business insights, and accelerate time to value

### Industry Best Practice SaaS Application Experience

Simplified admin & end user experience

Streamlined provisioning and frictionless expansion

### Optimized Tailoring & Upgrade Experience



Flexible & safe configuration management

Regular & frequent upgrades and updates

# windchill+™ EXCLUSIVE SAAS ROADMAP

## 2023

### Modernized ERP Integration

**Atlas Flow** for **ERP integration** supported. Flow provided using Solution Central Edge's tech stack so that an edge runtime can be **deployed as** an **IOT connected application, eliminating** the **need for VPN**

### Self-service UI for WC+ implementors

Allows system implementors to **understand build deployments** across Dev/ Test/ Prod & promote them between systems **with no ticket** -based process

### Centralized Identity Management

**Unified Atlas Identity Management** for all +Portfolio provides a common experience and seamless ability to interact with product support

### Zero-downtime upgrades/updates

**Continuous innovation** delivered with proactive, built-in testing that ensures predictive and seamless upgrade/ update experience.

## 2024

### Custom flows and integrations

Allow WC+ **to interact with on-prem and other cloud native solutions**, & provide **flexible & secure integration** of WT+ to simplify integration activities including collaboration services, e.g. MS Teams

### Creo View SaaS

**Engage with powerful Digital Mock-ups** through with a browser native 3D content Viewer. Users can engage and interrogate product data on any device!

## 2025+

### Windchill+ Business Insights

Realize PLM value even faster through the power of **Analytics driven Insights to identify opportunities for process improvement**

### Creo+ Collaboration Integration with WC+

**Collaborate in Windchill like never before** with a seamless integration between the Creo+ Collaboration service as part of the workspace in Windchill

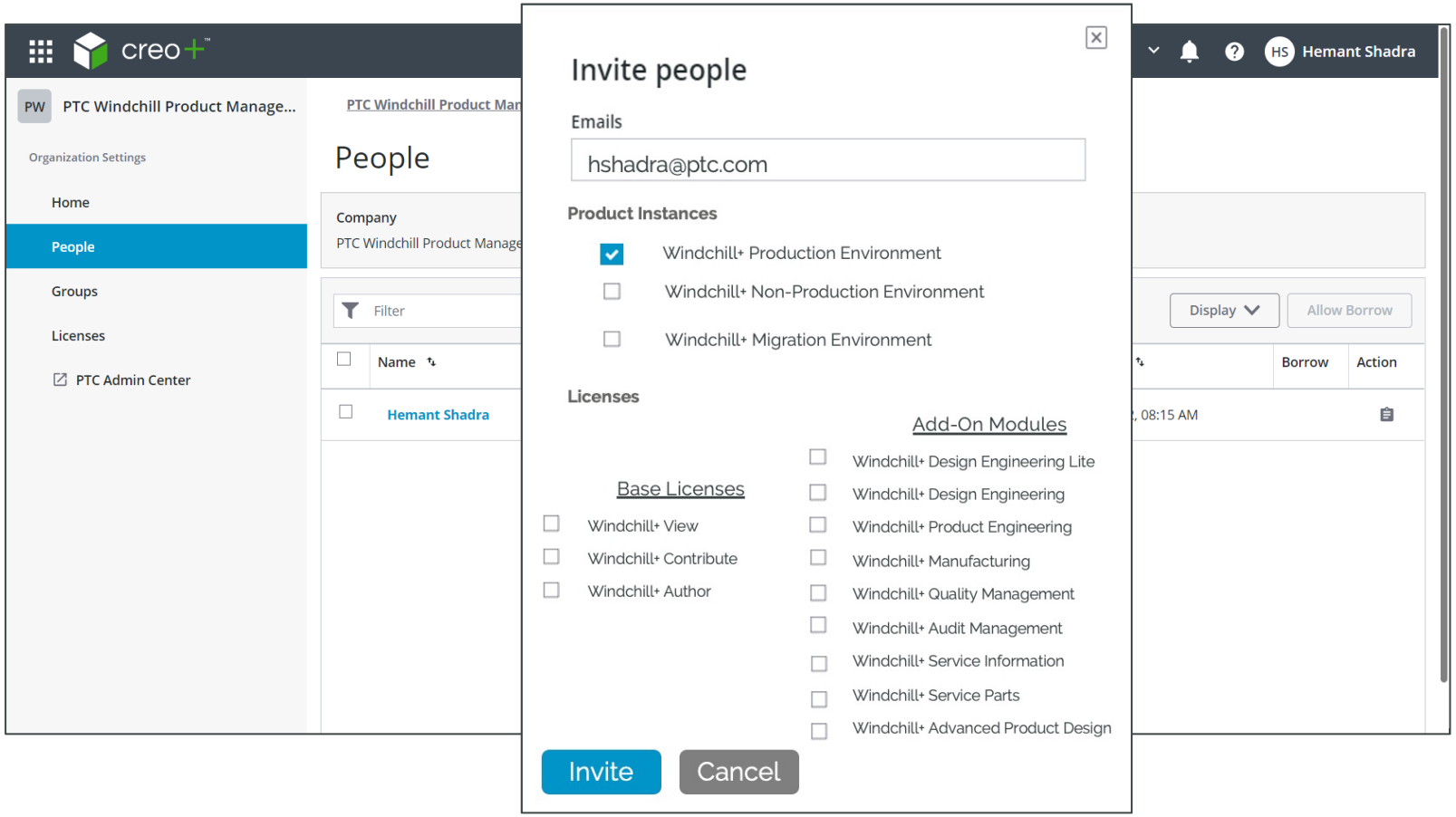
**Future features will be continuously improved based on current usage/customer feedback**

*Future looking information. Subject to change without notice. © 2023 PTC*

# WINDCHILL+ CENTRALIZED IDENTITY MANAGEMENT

- Feature Highlights
  - SSO w/ Ent. LDAP
  - Manage User/Group
  - Assign license
  - … And more
- Windchill+ white glove set up and easy migration
  - Included with SaaS Conversion offerings

Seamless, common user and license management throughout PTC's SaaS portfolio



# WINDCHILL+ SELF-SERVICE

- Administration freedom without constraints
- Push-button automation on-demand

## Windchill+Business Administration with PTC Service Infrastructure automation

| | Customer Admin/Dev: Create and Tailor | PTC Enablement: Engine Room |
|---|---|---|
| | | |
| **Role / Responsibility** | Front-End App Administration and Application Tailoring | Service Catalog Automation |
| **PTC Self-Service Focus Area: Apply Change** | Example Activity<br>• Develop customization<br>• Modify object (BAC type)<br>• Create package for testing<br>• Initiate promotion to QA/ Prod<br>• Create and associate unit test | Tool & Process Automation<br>• Tool for package creation<br>• UI for submit package<br>• Deploy on, Promote to QA, Prod<br>• Validation automation<br>• Backup, Refresh and/ or Restore |

# OPTIMIZED UPGRADE EXPERIENCE

- Clear schedule
- Easy to understand roles and activities
- Automated service with assured quality

## Solving the traditional challenges of Upgrade On-Premise

**Personalized Experience** →

Calendar and Planning Guide

Fast and Efficient, Minimal Disruption

Process Transparency

Hypercare

**Full Service and Hands-Off** →

Prescriptive Customization Handling

Fully Automated Process Workflow

Quality Measurement and Feedback

Automated Validation

Windchill+Targets
- Always on the latest release
- Zero downtime upgrades

# ADDITIONAL LIVEWORX SESSIONS!

- PLM for the Digital Thread: Strategy and Roadmap
  - Wed., May 17.  1:00 PM. Room PL 1120B.  R. Morrison, J. Zemsky
- Windchill+ and the transition to SaaS
  - Wed., May 17.  1:55 PM.  Room PL 1129B.  T. De La Iglesia
- Integration Patterns: PLM for the Digital Thread
  - Thursday, May 18.  10:10 AM.  Room PL 1127B.  H Shadra
- Windchill+ Change Set Management
  - UX Lab.  Mon-Wed. C. Manning
  - Sign-up to attend a session

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Your feedback provides us with valuable information on how to shape future content strategy for the event!

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# THANK YOU

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