ANALYSTS: BUSINESS BENEFITS

Capgemini

Operational benefits of ≥10% *are realized by 76% of companies with large-scale AR in areas such as* **productivity**, **efficiency**, **safety**

IDC — ANALYZE THE FUTURE

Manufacturing benefits:
- ✓ *Increased efficiency (70%)*
- ✓ *Decreased training time (60%)*
- ✓ *Improved accuracy (42%)*

Services benefits:
- ✓ *Improved knowledge transfer (66%)*
- ✓ *Employees more efficient (60%)*
- ✓ *Effectiveness / first-time-fix-rates (50%)*

ABERDEEN

Companies who use AR see year-over-year business growth:
29% gross margin lift, 17% revenue lift, 14% customer retention lift

FORRESTER

PTC Customer's Study

Forrester AR Report

Economic Impact:
- ✓ *172% ROI*
- ✓ *Benefits of $12.6 M*
- ✓ *<6 Month Payback*

Services benefits:
- ✓ *Reduction in New Hire Training (50%)*
- ✓ *Reduction in Overtime Spend (10-12%)*
- ✓ *Faster Authoring Time (60%)*
- ✓ *Reduction in Scrap and Rework (5-10%)*

EXPERT CAPTURE

PTC ATLAS SAAS PLATFORM

| Capture & Author | Enhance | Distribute | Execute | Analyze |

IMPORT CAD

3D MODEL

Capture & Author:
- 3D MARKERS
- PART SELECTION
- VIDEOS & PHOTOS
- AUDIO
- STEPS
- LOCATIONS

vuforia capture™

Enhance:
- STEP-BY-STEP INSTRUCTIONS
- VIDEOS & PHOTOS
- VERSION CONTROL
- AR LIVE GUIDE SETUP
  - TRACKING
  - WAYFINDING
  - MARKERS

External Content & Editing Tools

Distribute:
- WORKFLOW APPROVALS
- DISTRIBUTION LISTS & USER GROUPS

Execute:
- PROCEDURE CONTENT PLAYBACK
- PROCEDURE SESSION LOGGING
  - UNIQUE SESSION ID
  - EXECUTION DATE/TIME
  - USERNAME
- END USER FEEDBACK
  - VERIFICATION
  - TEXT ENTRIES
  - MEDIA CAPTURE

vuforia vantage

Analyze:
- REAL-TIME INSIGHTS
- HISTORIC REPORT GENERATION

Export (CSV)

Capture domain expertise and leverage 3D CAD Data to scale a library of digital knowledge experiences embedded into the physical world

Scale digital mentors to enable workers to re-live the expert's experience to get trained more effectively

Enable a workforce with work instructions that can improve productivity, reduce errors & enable continuous improvement

VUFORIA SAAS PROVIDES THE SECURITY YOU NEED

Attestation and Certification – request report here - https://www.ptc.com/en/about/trust-center/soc2
- Certified SOC 2 Type I and II compliance
- ISO 270001:2013 next

Cloud Hosting
- Microsoft Azure
- Multi-layered security provided by Microsoft across physical datacenters, infrastructure, and operations in Azure

Content Encryption
- In transit via HTTPS/TLS and certificates
- At rest with 256-bit AES encryption
- Secure authentication through Azure Active Directory B2C, and OpenID Connect, SSO supported

Monitoring and Remediation
- Environment vulnerability scanning and penetration testing with threat-level remediation
- DDoS Protection Basic including always-on traffic monitoring and real-time mitigation of common level attack
- Controlled network access with VPN and IP filtering
- Multi-layer networks with separate perimeter and application firewalls

Backups and Disaster Recovery
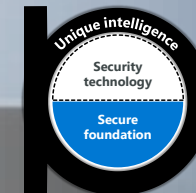
Did You Know?

94% of cloud adopters say the Cloud produces security benefits, and more than 50% of IT professionals rank security as a top reason for moving applications to the Cloud.[1]

1. Source: Rapidscale, https://rapidscale.net/resources/blog/cloud-facts/5-ways-convince-cio-move-cloud

ALL- INCLUSIVE SAAS SUBSCRIPTION

ptc

Vuforia Expert Capture - INCLUDED	SAAS

Infrastructure	• Hardware Acquisition, Sizing and Administration • OS/DB Acquisition, Maintenance, Version Compatibility and Support • Load Balancing • Infrastructure Monitoring • Technical Updates and Upgrades	✓ included
Application	• Application Architecture, Redundancy & Scalability • Application Administration & Support • Product Updates and Upgrades • Formal Change Control Process backed by Tools & Systems	✓ included
Resources	• PTC Vuforia Expertise and Access to R&D • Proactive Incident Management with Resolution and Root Cause Analysis • 24/7 Monitoring and Technical Support • PTC Customer Success Support	✓ included
Security	• SSAE 16 SOC2 Compliance • Content Encryption for Data in Transit and at Rest • Secure Authentication (Active Directory, OpenID Connect) and SSO Support • Multi-layered Application Security Management including service isolation, network and web application firewalls, user access controls and auditing • Environment Vulnerability Scanning and Penetration Testing • DDoS Protection for real-time monitoring and remediation for network level attacks • Backups and Disaster Recovery	✓ included
Performance	• Proactive Performance Monitoring and Tuning • CDN global solution for delivering high bandwidth content • Guaranteed Uptime and Industry Standard SLA	✓ included

All-inclusive Subscription