

The Enterprise Driver

- designed for large businesses
- to make their workforce more productive
- to make life easier for IT professionals.
- focussed on reliability
- tuning for professional applications.
- delivered on a set date



R

Enterprise Needs

Revised Quarterly Release Schedule for 2018

February

14th

18.Q1 Enterprise Driver

May

9th

18.Q2 Enterprise Driver

August

 8^{th}

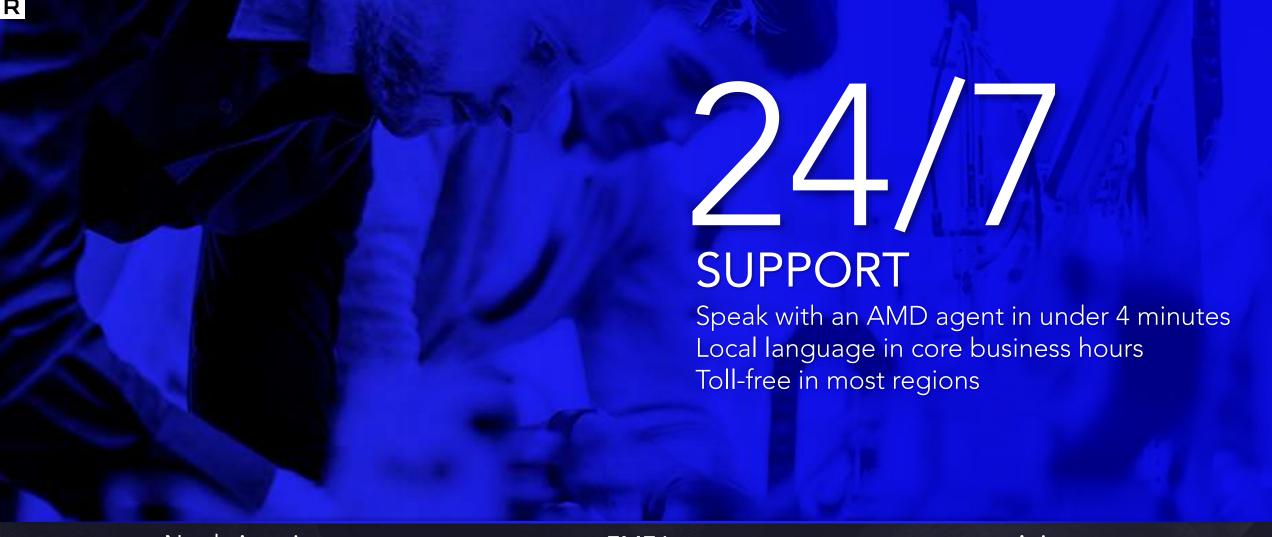
18.Q3 Enterprise Driver

November

14th

18.Q4 Enterprise Driver





North America
US & Canada: 866-284-2093

EMEA

UK: **0-800-086-9034** (+44 208-068-5178)

France: 0800-914847

(+33 184887939)

Germany: **0800-182-5841** (+49 305-679-5870)

Asia

China: 400-120-3037 India: 1-800-266-6797 Japan: 0800-222-0553

ENTERPRISE EDITION

Optimize Your Graphics Investment

Performance Security Simplicity Quality

Innovation











Quality 9



Enterprise Edition Quality Promise

Extensive Stability Testing Delivers Enterprise-Grade Driver Reliability



Stress Tested for 24/7 Environments

ZERO End-User CAD Issues with AMD's Lead Automotive Partner*



Extensive OEM Platform Testing

Only ONE End-Customer Issue Reported by AMD's Leading OEM Partner*



Extensive ISV Certification Testing

100% Success Rate for Enterprise Edition 18.Q1 Certifications*



Software ENTERPRISE EDITION

'2017 internal AMD Radeon™ Pro Software testing data





 $\underset{\mathsf{More\ OEM\ Platform\ Testing}^*}{2x}$

 3_{X} More ISV Certification Testing *

1.5x
More Stress Testing*

*2016 AMD internal data, testing of Radeon™ Pro Software Enterprise Drivers compared to AMD FirePro™ drivers



2017 Radeon[™] Pro Software Issues Reported^{*}

Extensive Pre-Launch Testing Minimizes Post-Launch Issues





Majority of Issues Discovered by AMD Before Driver is Sent to Partners



Partner Testing and Beta Testing Waves Deliver High-Quality Driver to End Users



Zero Issues Reported by Over 98.% of AMD Customers*

*2017 internal AMD Radeon™ Pro Software testing data



Radeon[™] Pro Software Enterprise Edition

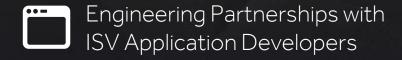
ISV Application Certifications

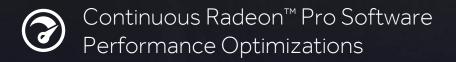


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Radeon[™] Pro Software Keeps Getting Faster^{*}

Boost Your Productivity





Focused on End-User
Application Performance



*Learn more at https://pro.radeon.com/en/software/enterprise



Enhance Performance with Fan Control

Manually Adjust GPU Fan Speed



2x Performance Uplift Over Default Settings for Very Demanding Workloads*





Boost Your Fan Speed Without Impacting Your AMD Warranty





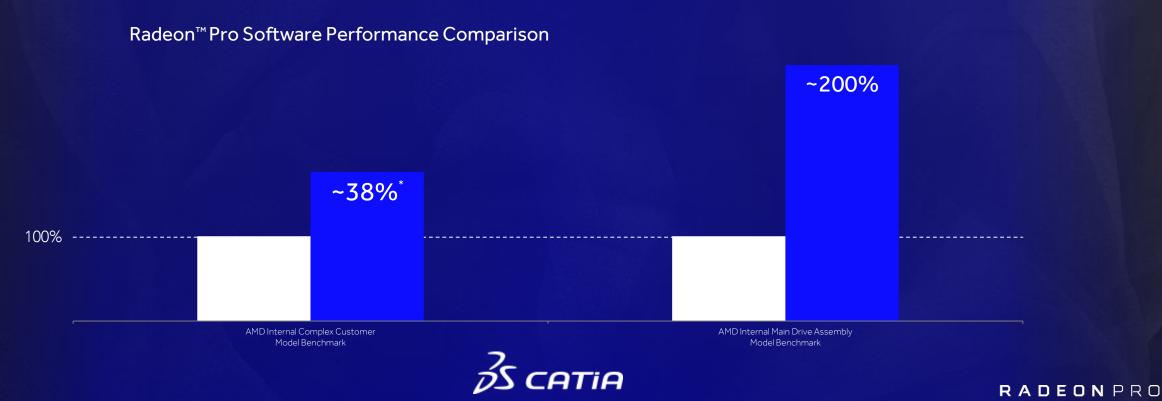


See RPS-30 in endnote



Dassault Systèmes® CATIA® Performance

18.Q2 vs. 17.Q2 Year-Over-Year Performance Improvements



■ Radeon Pro Software Enterprise Driver 17.Q2

Radeon Pro Software Enterprise Edition 18.Q2

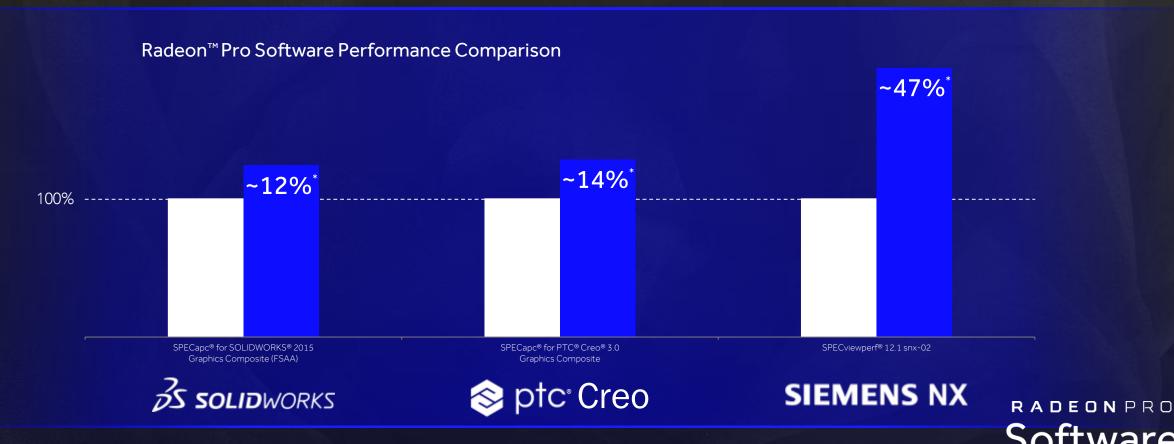
Software ENTERPRISE EDITION

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Design & Manufacturing Application Performance

18.Q2 vs. 17.Q2 Year-Over-Year Performance Improvements



■ Radeon Pro Software Enterprise Driver 17.Q2

Radeon Pro Software Enterprise Edition 18.Q2

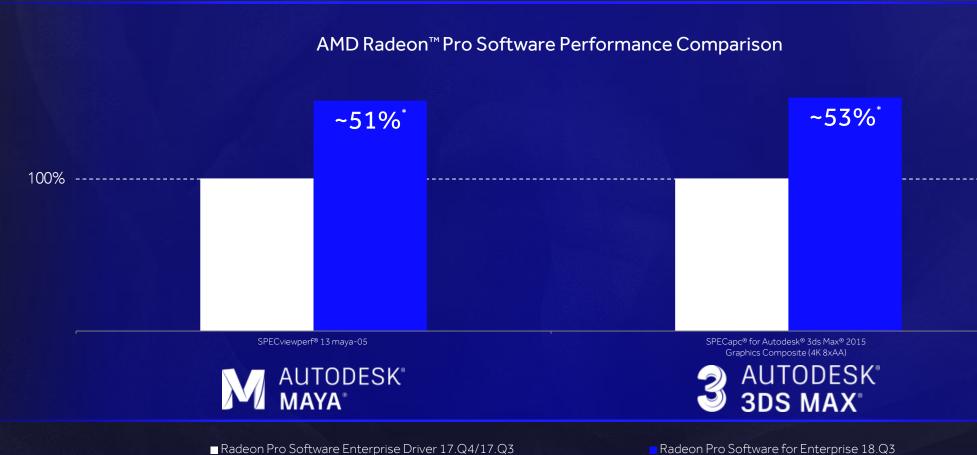
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Media & Entertainment Workflows

Performance Improvements



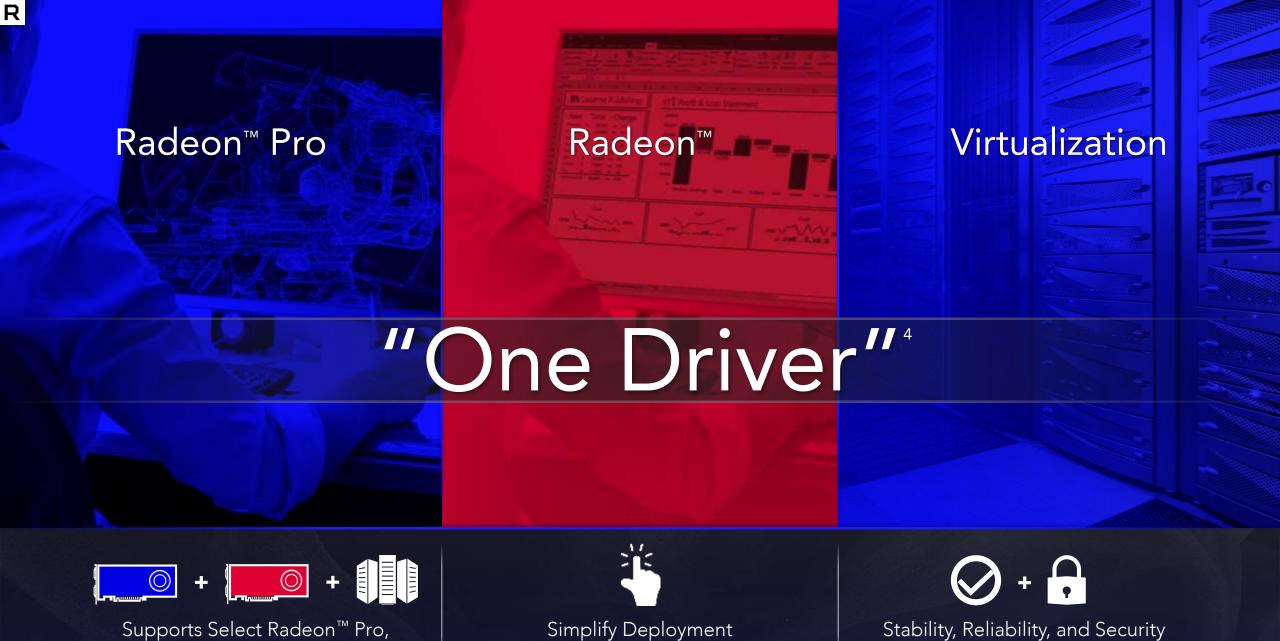
Software

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Radeon[™], and AMD FirePro[™] Graphics

R

RADEONPRO

Software



"Driver Options"





Software Software

Swap Between Up to Three Drivers*



Streamline Game Design Workflows



Create, Design, Playtest, and Optimize

The "Driver Options" feature is an optional installation when setting up the Radeon™ Pro Software Enterprise Driver 17.Q4, and is compatible with the Radeon™ Pro WX series (desktop only) and Radeon™ Vega Frontier Edition graphics cards, and only supports Windows® 10. *Swap between one Radeon™ Pro Software driver and up to two Radeon™ Software for Radeon™ Pro drivers



R

RADEONPRO

Software

Work. Swap. Play.

"Driver C	ptions"	Professional	Mode
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"Driver Options" Gaming Mode

Can Swap to Radeon™ Software	Can Swap to Radeon™ Pro Software	
Radeon™ Pro Software Performance, Quality, and Reliability	Radeon™ Software Experience, Performance, and Stability	
Professional Features of Radeon™ Pro Software	Gaming Features of Radeon™ Software*	
Radeon™ Pro Software Certifications on Radeon™ Pro WX series products**	Enabling High-performance Gaming Experiences	
Radeon™ Software for Radeon™ Pro Driver Updates from within Radeon™ Pro Settings	Radeon™ Software for Radeon™ Pro Driver Updates from within Radeon™ Settings	

The "Driver Options" feature is an optional installation when setting up the Radeon™ Pro Software Enterprise Driver 17.Q4, and is compatible with the Radeon™ Pro WX series (desktop only) and Radeon™ Vega Frontier Edition graphics cards, and only supports Windows® 10. *Radeon™ WattMan not available on Radeon™ Pro products. **For more information on which products are certified for Radeon™ Pro WX series products, please visit http://support.amd.com/en-us/download/workstation/certified







MxGPU AMD MxGPU Hardware Virtualization Delivers

Quality of Service



Native AMD Drivers Deterministic Performance Performance



Workstation-Class Graphics Up to 16 Users per GPU Security Features



No Software-Based Virtualization Overlay Value

RADEONPRO

Software

ENTERPRISE EDITION

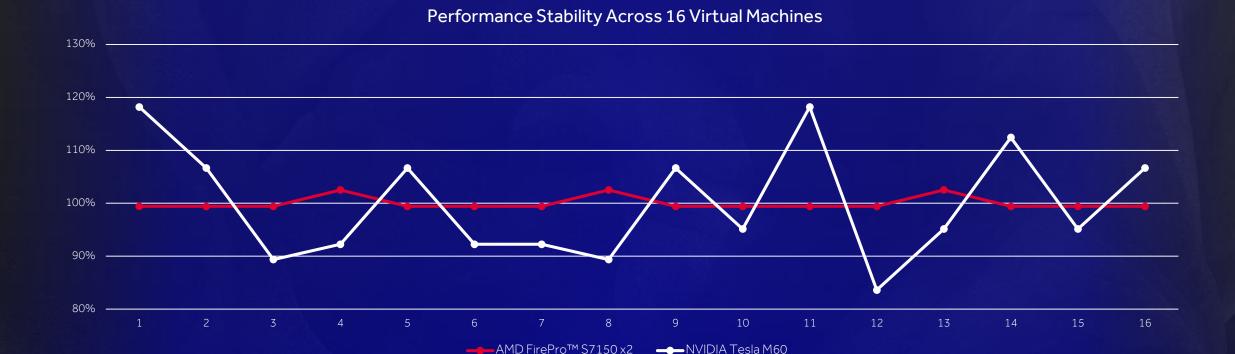


No Fee End User Licenses Low TCO



Quality of Service in Virtualized Graphics Deployments Using AMD MxGPU Technology

With 16 Virtual Machines, AMD FirePro™ S7150 x2 Graphics Delivers up to 9x Lower Standard Deviation in SPECapc® for SOLIDWORKS® 2015 than NVIDIA® Tesla M60, Derived Using Graphics Composite Scores from SPECapc® for SOLIDWORKS® 2015*



Performance Stability Across 16 Virtual Machines for AMD MxGPU (Red) and NVIDIA Tesla (White).

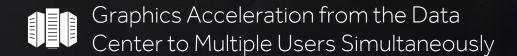
Values Normalized to Make the Mean 100%. Flatter Curve Nearer to 100% Is Better

*Results are based on August 2017 internal testing. See RPW-177 in endnotes. Use of third party marks / logos is for informational purposes only and no endorsement of or by AMD is intended or implied. GD-83



CITRIX° XenServer® Support

Enabling MxGPU for Citrix® VDI and App Virtualization Deployments





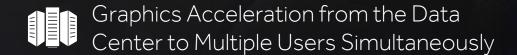
Support for Citrix® XenDesktop®and XenApp®





vmware vSphere Support

Enabling MxGPU for VMware® Horizon and App Virtualization Deployments





Linked Clones Technical Preview Support with MxGPU

Compatible with: AMD FirePro™ S7100X, S7150, and S7150 x2 products. Supports: Windows® 7/10 Use of third party marks / logos is for informational purposes only and no endorsement of or by AMD is intended or implied. GD-8





GIM Open Source

Open-Source KVM Host OS Driver for Enterprises and Cloud Service Providers



Tailor GIM (Guest Interface Manager) to Your Production Environment



Reiterates AMD's Commitment to Open-Source Solutions

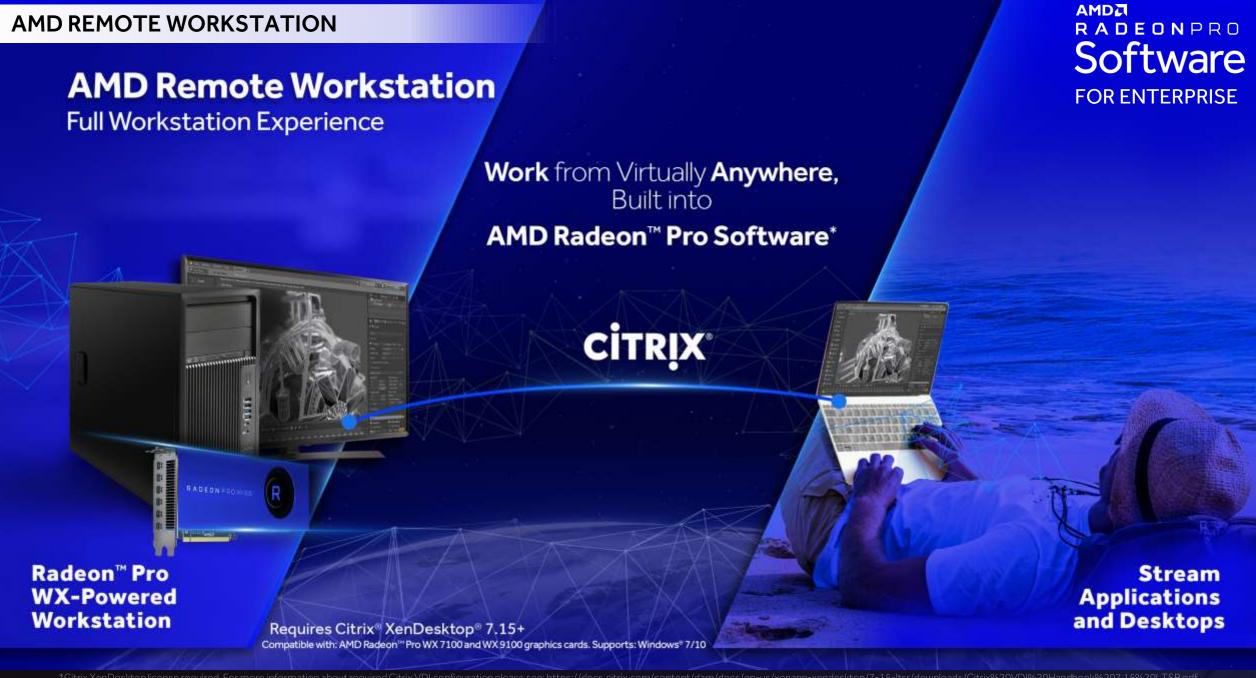


Available on GitHub



Compatible with: AMD FirePro™ S7100X, S7150, and S7150 x2 products Jse of third party marks / logos is for informational purposes only and no endorsement of or by AMD is intended or implied. GD-83





CLOUD RENDERING

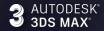
AMD Radeon™ ProRender in the Cloud

Render from Virtually Anywhere With AMD MxGPU Technology





AMD Radeon ProRender is AMD's Powerful Physically-Based Rendering Engine











AMD Radeon ProRender is Available for Leading DCC Applications





Industry-Leading Innovation

RADEON™ PRORENDER

RADEON™ PRO RELIVE

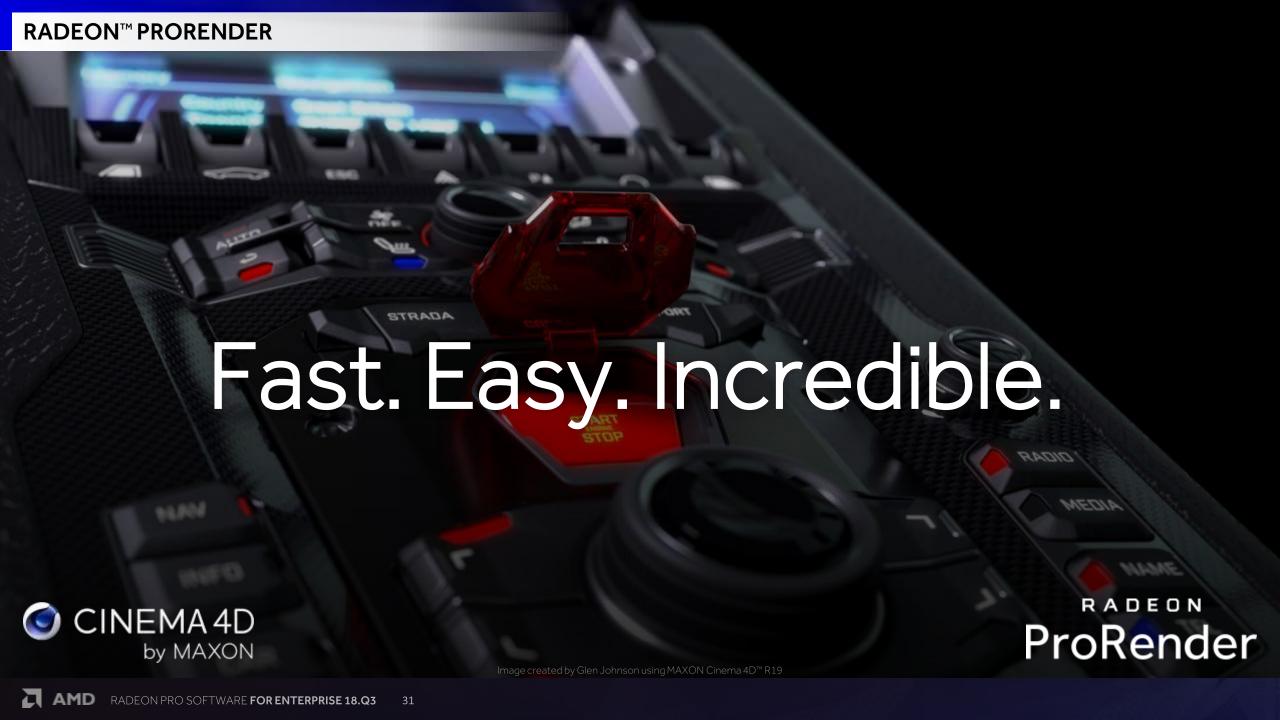
AMD MxGPU

Enabling Mission-Critical Workflows



Image created by Glen Johnson using MAXON Cinema 4D™ R19





Radeon ProRender

AMD's Powerful Physically-Based Rendering Engine



Fast and Accurate Renderings
Enable Real-Time Design Decisions

OpenCL™ Hardware Agnostic and Supports

Metal® 2 Windows®, Linux®, and macOS®

Available for Leading Digital Content Creation Applications

3 AUTODESK®

blender

AUTODESK[®]

MAXON © CINEMADE **35 SOLID**WORKS



lmage created by Glen Johnson using MAXON Cinema 4D™ R1

See RPSW-002 in endnotes. Use of third party marks / logos is for informational purposes only and no endorsement of or by AMD is intended or implied. GD-83



Radeon ProRender For Developers

New Rendering Features for Application Developers



Support for Volumetrics

Render Advanced Effects like Smoke, Fog, and Clouds for Even More Realistic Images

Metal® 2 Support

Maximizes the Performance of GPU-Accelerated Rendering on macOS°

More AOV Options

Such as Reflections and Diffuse Lighting for Compositing

Adaptive Subdivision

Speed Up Workflows by Easily Rendering Complex Shapes from Simple Meshes

Stacked IOR Support

Improved Liquids in Transparent Objects Rendering

Image created by Yan Ge (IHDT) using MAXON Cinema 4D™ R19
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Radeon ProRender For 3 AUTODESK® MAX®

New Plug-In Features
That Make Artists' Lives Easier



Updated Uber Shader and Light Shader

Enables Better Physically-Based Rendering Workflows with More Realistic Lighting



Interactive Denoising

Enables Fast, Clear Real-Time Previews and Cuts Final Render Times



More AOV Options

Such as Reflections and Diffuse Lighting for Compositing

Supports: Windows® 7/10
Image created by Pablo Castaño Norkus using Radeon™ ProRender for 3ds Max®
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Radeon ProRender For M AUTODESK* MAYA*

New Plug-In Features

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Interactive Denoising

Enables Fast, Clear Real-Time Previews and Cuts Final Render Times



More AOV Options

Such as Reflections and Diffuse Lighting for Compositing

*Feature only available on Windows® and macOS® plug-ins. Image created by Cirstyn Bech-Yagher Supports: Windows® 7/10, macOS® High Sierra 10.13.3, Linux® CentOS® 6.5/7.2 Use of third party marks / logos is for informational purposes only and no endorsement of or by AMD is intended or implied. GD-8



Radeon ProRender For **blender**

New Plug-In Features
That Make Artists' Lives Easier



Updated Uber Shader and Light Shader

Enables Better Physically-Based Rendering Workflows with More Realistic Lighting



Support for Volumetrics

Render Advanced Effects like Smoke, Fog, and Clouds for Even More Realistic Images

Adaptive Subdivision
Speed Up Workflows by
Easily Rendering Complex
Shapes from Simple Meshes

More AOV Options

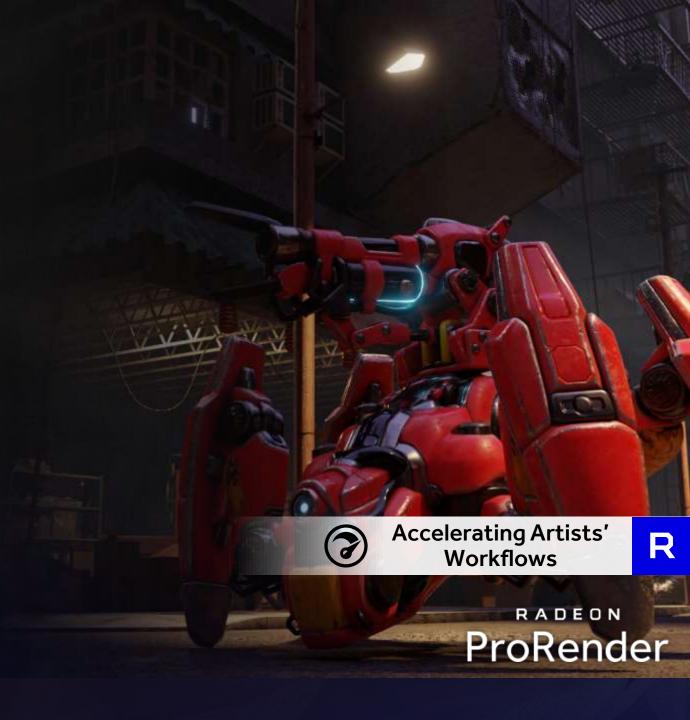
Such as Reflections and Diffuse Lighting for Compositing

Supports: Windows® 7/10, macOS® High Sierra 10.13.3, Linux® Ubuntu® 16.04.3

Mech-Spider image by Theory Studios created using Radeon™ ProRender for Blender™

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Radeon Pro ReLive

Record Your Work for Collaboration, Presentation, Training, and Support



Capture Windowed Professional Applications



Remove Webcam Backgrounds to Put Yourself in the Video

Radeon[™] Pro Overlay UI for One-click Access and Control of Radeon Pro ReLive



Trim, Your Videos From Within Radeon[™] Pro Settings





Improve Communication



Software ENTERPRISE EDITION

Compatible with: Radeon™ Pro WX series, Radeon™ Pro SSG, Radeon™ Pro Duo series, AMD FirePro™ W series, and Radeon™ Vega Frontier Edition. Supports: Windows® 7/10

