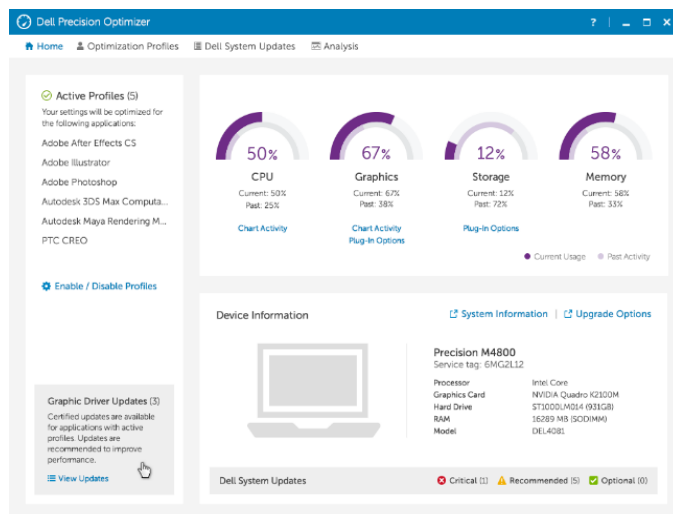# Dell Precision Optimizer

Maximize and manage performance with easy-to-use software

Automatic Performance Tuning

Did you know you can increase how well your application performs on Dell Precision Workstation by dynamically adjusting system settings? But don't waste hours trying to figure out the optimal settings. Let the Dell Precision Optimizer do this for you.

- Dell Precision Optimizer offers application performance profiles that automatically adjust system settings to maximize application performance. You do not require admin rights to use profiles. Just select the application profile and the Optimizer "*listens*" for you to begin using the application. It will then make the appropriate settings adjustments for you.

Central Management using System Center Configuration Manager (SCCM) and KACE

- Deploy Dell Precision Optimizer on multiple machines with headless client, enable application profiles on behalf of end users, deliver new profiles, and gather analytics from a single user or a group of users in to SCCM and create performance, reliability, and usage reports to assess, plan, and address resource needs.

Certified Graphics Drivers

- Download and install ISV certified graphics driver from the Optimizer to run the ISV application in the environment it was certified for.

Value add plug-ins
- Download and install the Intel® CAS-W plug-in to accelerate storage performance and Radeon ProRender graphics plug-ins from the Optimizer to render images with high degree of visual realism.

Simplified Systems Management

- Improve system reliability with the Optimizer's simplified system maintenance capabilities. Download updates for BIOS, firmware, drivers, application profiles, and Dell applications to ensure your system has the latest updates. Each update is classified by criticality, allowing you to select only the updates you want.

Utilization Analytics and Reporting

- The Optimizer contains a rich user home screen with utilization data on your CPU, memory, storage and graphics in real-time and over a defined tracking period.

- Get enhanced intelligence on CPU and Graphics displaying real-time analytics, graphs, with an over-application performance widget. Track utilization across all logical processors and all GPUs found on your system.

- The Analysis feature allows you to monitor utilization of your Dell Precision. Understand where bottlenecks occur and what system resources are over-utilized with a Workload Analysis report.

- Print and send these graphs to the IT department or support organization for knowledge of your system performance.

- Proactively address resource bottlenecks by getting smart notifications when CPU, memory, and storage utilization reach pre-defined threshold levels.

Application Performance Guidance

- Get Performance insights and configuration recommendations from Dell Performance Engineering based on your application usage.

Dell Precision Optimizer v4.0

Feature	Technical Specification	
Dell Precision Platform Options	Precision T1700 Precision T3420 Precision T3620 Precision Tower 5810 Precision Tower 7810 Precision Tower 7910 Precision Rack 7910 Precision T3600 Precision T5600 Precision M2800 Precision M4800 Precision M6800 Precision 3510 Precision 5510 Precision 7510 Precision 7710	Precision 3520 Precision 5520 Precision 7520 Precision 7720 Precision 5720 All-in-one
Operating System Options	Windows® 10 Pro (64-Bit), Windows® 8.1 Pro (64-Bit), Windows® 7 Professional (32-Bit)	Windows® 10 Pro (32-Bit), Windows® 7 Professional (64-Bit)
Graphics Options	GPU utilization and application profile support for Dell Precision certified graphics cards from AMD and NVidia	
Application Profiles	Adobe® After Effects® CS/CC Adobe® Illustrator® CC Adobe® Media Encoder® CS/CC Adobe® Photoshop® CS/CC Adobe® Premiere® Pro CS/CC Adobe® SpeedGrade® CC Autodesk® AutoCAD® Autodesk® Inventor® Autodesk® Maya® Autodesk® MotionBuilder® Autodesk® Mudbox® Autodesk® Revit® Autodesk® 3ds Max® Avid Media Composer® Dassault Systèmes SolidWorks® Dassault Systèmes CATIA® Dell Precision Factory Standard Settings	PTC® Creo® Siemens NX™ Avid Media Composer Schlumberger Petrel Bentley® MicroStation ANSYS Fluent ANSYS Workbench Sonar Cakewalk Maxon Cinema 4D Landmark DecisionSpace® G1
Language Support	English, French, German, Japanese, Simplified Chinese, Traditional Chinese, Spanish, Brazilian Portuguese, and Korean	
Install Options	Version 4.0 download available via www.dell.com/optimizer	
Regions	This is a worldwide solution	