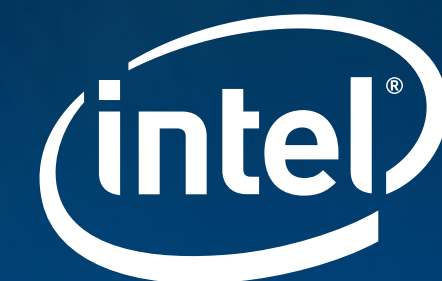




**DELL** Technologies

# Virtual and Augmented Reality Workflows



# Virtual and Augmented Reality – Making it Real

In this new world of smarter working, computers aren't just sitting on your desk or in your hand, they're all around you. Thoughtfully designed to make you more productive and your life easier. Letting you engage in more immersive ways. Inspiring you to collaborate more naturally. Even predicting things you need, before you know you need them. And both Virtual Reality and Augmented Reality are parts of the story of changing usage patterns that increase productivity.

The movie "Ready Player One" increased people's desire to interact with AR & VR technology and with a growing number of VR startups working across multiple industry sectors, the VR ecosystem is thriving. In fact, IDC forecasts the headset market to grow to 65.9 million by 2022. The good news for those businesses entering the marketplace is that Dell makes it easier for them to deploy VR and experiential visualization strategically in production environments. We do this by de-risking the process through a unique combination of VR-ready product engineering architectures and ISV and software extension certification. If you work or plan to operate across the below industries (or companies serving them), you'll need to look more closely at your toolsets.

**See the potential for applications of AR/VR we witness today.**



Healthcare & Life Sciences

[Find Out More](#)



Energy

[Find Out More](#)



Finance

[Find Out More](#)



Media & Entertainment

[Find Out More](#)



Engineering & Manufacturing / Architecture & Construction

[Find Out More](#)



# Healthcare in the Modern Era

Technologies such as AR, VR and AI have revolutionized how patient data is recorded, meaning the clipboards on beds and doctors' rounds are now things of the past. Using powerful workstations, information is now viewed on high-definition screens and acted upon in minutes for greater patient care. There can be no doubt that technology plays an important role in advancing the goals of healthcare organizations and their systems, as well as ensuring patient safety. So, if you are working in or planning to operate in healthcare or companies serving it, you will have to be prepared to look at your toolsets.

**See the most common industry workflows below.**



Research  
(Academic  
Medical Center)

[Find Out More](#)



Virtual Reality (VR)  
Augmented Reality (AR)  
Artificial Intelligence (AI)

[Find Out More](#)

# Research / Academic Medical Center Applications

Clinical research and medical training have changed considerably in the last few decades. Thanks to technological developments in imaging, virtualization, AR, VR, artificial intelligence (AI), and more, clinical research and medical training is more streamlined than ever before. At the same time, these technologies are creating a more affordable, more effective, and more standardized research environment. As a worldwide leader in Healthcare and Life Sciences IT solutions, Dell offers workstations with the computational power to analyze and act on large research data sets and the screen resolution to view trials and research content in the greatest possible detail for fast and effective outcomes.



## RESEARCH

Flat screens limit perspective. By processing data in a 3D environment, Dell's VR and visualization solutions help medical research professionals boost productivity to take healthcare to the next level. Traditional screens limit what you can fit in and interact with. Loading your data in 3D allows you to see and interact with it all. This is particularly beneficial for gene sequencing.



## TRAINING

The National Training Laboratories have found 'learning by doing' using VR exercises, results in 75% of what it teaches, being retained. Compare this with traditional techniques such as lectures and reading (5% and 10% respectively). The incredible opportunity VR and AR represents for medical training is obvious. With Dell's Precision mobile workstations, clinicians can create fully-immersive AR and VR content with next-generation NVIDIA® Quadro™ professional graphics, and powerful performance normally found only in tower workstations.

### Challenges:

1. Trying to simulate an operating room environment and surgical tasks.
2. Discrepancies in hardware and software requirements arising due to different application fields.
3. Different researchers emphasizing different models of research utilization.

### Overcome those challenges with Dell's solutions below:



# 3D Medical Labs

## Precision 3640 Tower

The human body is a 3D structure, so it makes sense to be able to create 3D models in intricate detail that allows clinicians to dissect right through the body, without having to be in the lab. Dell's Precision workstations provide the capability for medical labs to load data into a 3D environment to see and interact with all of it simultaneously.

### Small but mighty VR creation

Harness the power of workstation performance, VR content creation and reliability in an affordable, smaller, yet expandable tower design, featuring the latest Intel® Xeon® processors.

### Ready for VR

Prepare yourself for impressive VR in the surprisingly affordable Precision 3640 Tower. Next generation AMD Radeon™ Pro and NVIDIA® Quadro™ professional graphics with up to 225W of graphics support handles VR content creation with workstation-class performance you can count on.

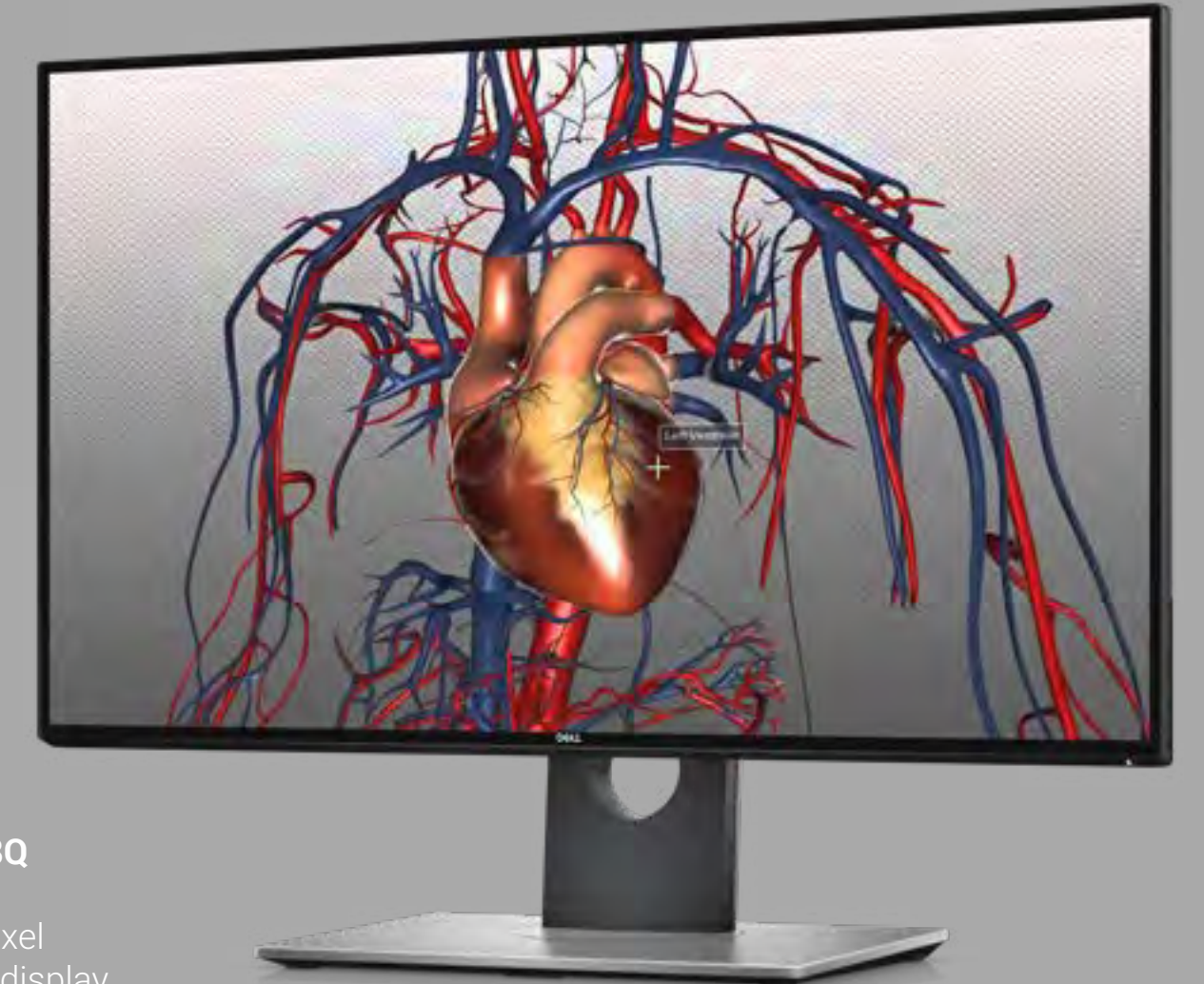


**Dell Wireless Premium Keyboard and Mouse Combo | KM717**  
Enjoy an elegant design that fits into virtually any workspace.



### HTC Vive Pro Eye™

Use virtual reality to train students. Load CT- and MRI-Scans in DICOM format to view, annotate and modify them in real 3D.



### Dell UltraSharp 27 4K Monitor | U2718Q

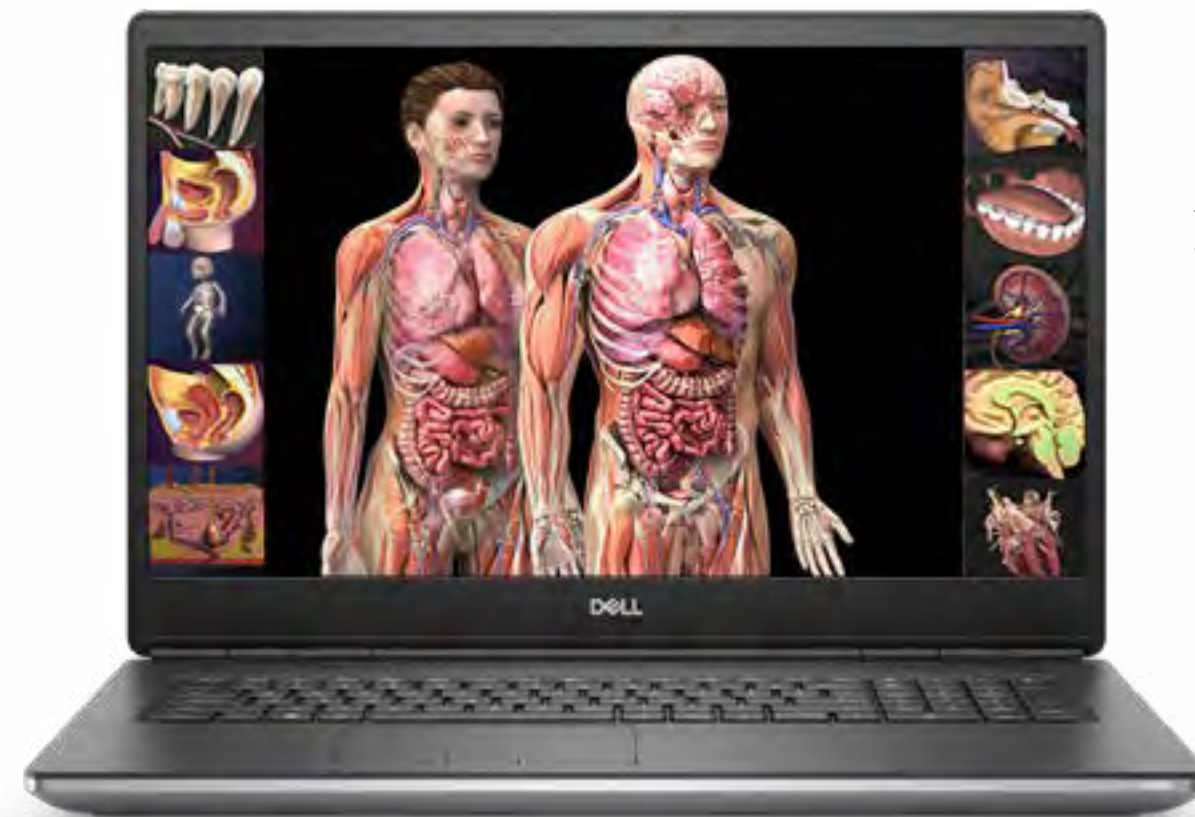
The world's first 27" 4K monitor with InfinityEdge. See stunning colors and pixel perfect details on a virtually borderless display.



# Medical Teaching in 3D

## Precision 7550/7750

Being able to use VR and 3D modeling is now not only helping to achieve greater knowledge retention for medical learners, but is also better preparing medical students to address life and death situations. Dell's Precision 7750 workstations allow users to convert existing didactic modules into interactive virtual reality modules to increase immersion, engagement and retention and reduce the cost of training.



### Redefine reality

Create fully-immersive AR and VR content with next generation NVIDIA® Quadro® professional graphics and powerful performance normally found only in tower workstations.



### Superior power. Slim design.

Our highest performance mobile workstations boast 15" and 17" displays. Featuring the latest Intel® Core™ i9 and Xeon® processors, the 7550/7750 are optimised for your AI and VR workloads.

- CPU: Dual Intel® i7, i9, Xeon®
- Memory: 32/128GB 2933MHz Super Speed
- Graphics: NVIDIA® RTX™ 5000
- Storage: 1TB NVMe, SSD



### Dell UltraSharp 27 4K Monitor | U2718Q

The world's first 27" 4K monitor with InfinityEdge. See stunning colors and pixel perfect details on a virtually borderless display.



### HTC Vive Pro Eye™

Immersion equates to better information retention, and therefore better teaching. Record your lesson in VR and export it as a fully immersive Virtual Reality lesson, a 360° movie or a normal movie.



### Dell Wireless Premium Keyboard and Mouse Combo | KM717

Keep your desk clutter-free with a modern wireless keyboard and mouse combo with scissor chiclet keys and LED tracking.



### Dell Performance Dock | WD19DC

Incredibly powerful Thunderbolt Dock delivering up to 210W. Leave your power brick at home and plug in one cable for both data and power for your Precision 7550/7750 workstation.



# Gene Sequencing in VR

## Precision 7920 Tower

With genome sequencing, researchers have a critical gateway to understanding the underlying molecular pathways for disease. And for some diseases, every hour closer to discovery and results can mean the difference between life and death. Genomic processing requires immense computational power and storage. Dell's Precision 7920 Tower enables clinicians to work with larger amounts of data, create more realistic models and determine better treatment paths for individuals.



### Max performance. Superior scalability.

The world's most powerful workstation, the new Precision 7920 Tower provides ultimate performance and scalability to grow alongside your vision.

- CPU: Dual Intel® Xeon® Platinum
- Memory: 128GB 2933MHz
- Graphics: NVIDIA® Quadro RTX™ 6000
- Storage: 1TB NVMe, 1.2TB SAS

### Redefine reality

Create fully-immersive AR and VR content with next generation NVIDIA® Quadro® professional graphics and powerful performance normally found only in tower workstations.

READY FOR

VR



### HTC Vive Pro Eye™

Immersion equates better information retention, and therefore better learning and productivity, critical for gene sequencing. Integrating VR into this workflow allows users to combine gene expression, gene pathways, proteins, and cell action data on the fly within minutes.

In fact, integrating VR into gene sequencing workflows is so transformative, it can speed up processes that previously took months on end and turn them into 5 minute jobs.



### Dell Wireless Premium Keyboard and Mouse Combo | KM717

Keep your desk clutter-free with a modern wireless keyboard and mouse combo with scissor chiclet keys and LED tracking.



### Dell UltraSharp Ultra HD 4K Monitor with PremierColor | U3219Q

The perfect display for ideal color coverage and incredible clarity on color-critical projects.



# Virtual Reality/Augmented Reality, Artificial Intelligence/Machine Learning Applications

Our world is becoming more immersive with the rise of technologies such as AI, ML, AR, VR and IoT. AI uses sophisticated algorithms to 'learn' features from a large volume of healthcare data, then use the insights to assist clinical practice. In fact, oncology researchers are currently using deep learning (DL) algorithms to recognize cancerous tissue at a level comparable to trained physicians. Dell Precision workstations deliver the power to deploy and manage cognitive

technology platforms, including AI, and its sub-sets machine learning (ML) and deep learning (DL). We collaborate with a select group of industry partners to deliver versatile cognitive technology workstation configurations, so every machine exceeds expectation. It's a cost-effective solution that puts these advanced technologies within reach.



## SURGICAL PLANNING

VR and AR are transforming the operating room in ways we never dreamed possible. Surgeons are now able to plan surgeries in completion before the first incision is made using a combination of MRI and augmented reality.



## SURGERY REHEARSAL

Difficult surgeries, such as those involving the brain, throat, and heart are nerve-racking for the surgery team and the patient. This stress can be alleviated with the use of VR technology and digital recreations of the human body that enable surgeons to practice and rehearse in advance in a zero-risk environment.



## RESEARCH & CLINICAL DECISION SUPPORT

As a knowledge-base that generates patient specific assessments and recommendations for clinicians and researchers when and where those decisions are being made, AI can improve research and clinical decision support (CDS) to provide the best service possible.



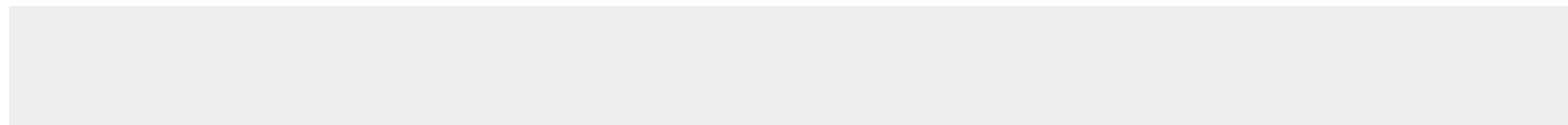
## MEDICAL IMAGING

Similar to CDS tools, medical imaging AI provides physicians with additional information that empowers them to quickly and accurately diagnose particular conditions. An algorithm could be written, for example, to review a million different chest films, both with and without malignancies, helping them to spot malignancies.

### Challenges:

1. Algorithm opacity.
2. Patient privacy and data security.

**Overcome those challenges with Dell's solutions below:**





# Surgery Planning in AR

## Precision 3640 Tower

Safe surgery saves lives. And the ability to create a surgical simulation in pin-sharp 3D imaging and navigate around the virtual body can help de-risk a procedure long before the first incision is made. Dell's Precision 3640 Tower and high-resolution screens can really help to bring ideas to life and make surgery safer.



### Small but mighty VR creation.

Harness the power of workstation performance, AR/VR content creation and reliability in an affordable, smaller, yet expandable tower design featuring the latest Intel® Core™ and Xeon® processors.

### Ready for VR.

Prepare yourself for impressive AR/VR in the surprisingly affordable Precision 3640 Tower. Next generation AMD Radeon™ Pro and NVIDIA® Quadro™ professional graphics with up to 225W of graphics support handles VR content creation with workstation-class performance you can count on.



### Dell 27 Touch Monitor | U2718Q

Bring your ideas to life with a new 27" workspace that empowers precise digital surgery preparation. Featuring an innovative pen and totem, U2718Q features intuitive, responsive touch capabilities designed to improve your workflow.

### Ergotron 24-189-055 Neo-Flex WideView WorkSpace Cart

Widen your view and move it too. Configure this compact, height-adjustable computer cart to your needs: Flexible open architecture supports a wide range of displays and a fleet of accessories.



### Microsoft HoloLens 2

Live MRI data can be exported into augmented reality via Render-X and allow you to see inside a patient and plan your surgery in advance.



### Dell Premier Wireless Keyboard and Mouse | KM717

Enjoy an elegant design that fits into virtually any workspace.



# Surgery Rehearsal in VR

## Precision 7550/7750

To prepare for surgery, doctors are now using virtual reality to allow patients to preview their own procedure – providing them with greater peace of mind. Not only that, but the technology also enables surgeons to improve their approach to the procedure using a 3D model of the body. Dell's Precision 7550 and 7750 workstations allow surgeons to create fully-immersive AR and VR content for more precise planning and safer outcomes.



### Redefine reality

Create fully-immersive AR and VR content with next generation NVIDIA® Quadro® professional graphics and powerful performance normally found only in tower workstations.



### Superior power. Slim design.

Our highest performance mobile workstations boast 15" and 17" displays. Featuring the latest Intel® Core™ i9 and Xeon® processors, the 7550/7750 are optimised for your AI and VR workloads.

- CPU: Dual Intel® i7, i9, Xeon®
- Memory: 32/128GB 2933MHz Super Speed
- Graphics: NVIDIA® RTX™ 5000
- Storage: 1TB NVMe, SSD



### HTC Vive Pro Eye™

Use virtual reality with ImmersiveView to practice complex surgeries in advance in a safe, repeatable environment.



### Dell Premier Wireless Keyboard and Mouse Combo | KM717

Keep your desk clutter-free with a modern wireless keyboard and mouse combo with scissor chiclet keys and LED tracking.



# Energy in the Modern Era

With renewable energy taking center stage, geologists are exploring new ways of making effective and compliant use of diminishing natural energy. This research demands rapid data workflows, 3D mapping and VR imaging, and Energy companies need powerful and portable workstations that deliver crystal-clear imaging with the strength to withstand the rigors of onsite working.

**See the most common industry workflows below.**



Interpretations

[Find Out More](#)

# Interpretations Workflow

As a geologist/geophysicist, your work requires you to go beyond traditional tasks and perform advanced workflows. As part of a robust and integrated 3D geological interpretation solution. This enables you to capture best practices and share them across your organization. Dell Precision workstations provide the latest industry enhancements, increasing performance and productivity by accelerating access to complex and large workflows.



HALLIBURTON/LANDMARK

DSG 10ep



SCHLUMBERGER

Petrel



IHS MARKIT

Kingdom

## Challenges

Incorporating new technologies such AR/VR/AI to enhance workflows

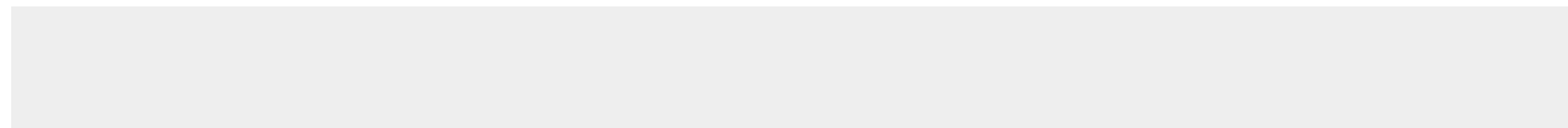
## Challenges

Accelerating time to market for new/legacy applications and products

## Challenges

Transforming legacy infrastructure to modern platforms for lower TCO and greater business agility

See Dell solutions below:

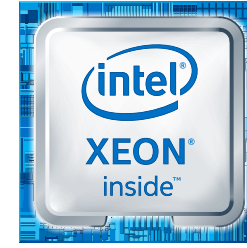




# Interpretations Fixed Solution

## Precision 7920 Tower

Dell Precision workstations provide extreme performance, enabling high-end graphic visualization, interpretation and simulation for modeling and analysis.



### Max performance. Superior scalability.

The new Precision 7920 Tower provides ultimate performance and scalability to grow alongside your vision.

- CPU: Dual Intel® Xeon® Platinum
- Memory: 128GB 2933MHz
- Storage: 2 X 1TB NVMe Class 50
- Graphics: NVIDIA® RTX™ 5000/6000/8000
- VR/AR Headset



### Adapts to your innovations.

Your Precision 7920 Tower is ready for complex projects, including virtual reality workflows, with the next generation AMD Radeon Pro™ and highest-performing NVIDIA® Quadro® graphics.

### HTC Vive Pro Eye™

Use virtual reality to train employees and collaborate on predictive/bid data analytics.



### Dell UltraSharp Ultra HD 4K Monitor with PremierColor | UP3216Q

The perfect display for ideal color coverage and incredible clarity on color-critical projects.

### Dell Wireless Premium Keyboard and Mouse Combo | KM717

Keep your desk clutter-free with a modern wireless keyboard and mouse combo with scissor chiclet keys and LED tracking.





# Interpretations Mobile Solution

## Precision 7750

Dell Precision workstations provide the extreme performance to enable high end graphic visualization, interpretation and simulation for modeling and analysis.

### Our most powerful 17" mobile workstation is VR and AI ready.

The newly designed 17" mobile workstation is also small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (8TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while running the most intensive applications.

- CPU: Intel® 6/8 Core™ i7, i9, Xeon®
- Memory: 32/128GB 2933MHz
- Storage: 2 X 1TB NVMe Class 50
- Graphics: NVIDIA® RTX™ 5000
- VR/AR Headset



Redefine reality and create fully-immersive AR and VR content with next-generation NVIDIA® Quadro™ professional graphics and powerful performance normally found only in tower workstations.

### HTC Vive Pro Eye™

Use virtual reality to train employees and collaborate on predictive/bid data analytics.



### Dell UltraSharp 49 Curved Monitor | U4919DW

A revolutionary 49" dual QHD curved monitor with ultra wide views, multitasking features and seamless connectivity for an immersive work experience.



### Dell Wireless Premium Keyboard and Mouse Combo | KM717

Keep your desk clutter-free with a modern wireless keyboard and mouse combo with scissor chiclet keys and LED tracking.



### Dell Professional Dock | WD19DC

Dell's most powerful dock\* delivers the ultimate productivity experience. Charge your system faster, support up to four 4K displays and connect to your peripherals via a single cable with dual USB-C connectors for up to 230W of power delivery



\*When used with Dell systems with Type-C. Based on Dell internal analysis of competitive products using publicly available data as of February 2019.



# Finance in a Modern Era

Modern trading and finance doesn't keep regular office hours, nor regular places of business. Beyond the demand for fast transactions, the trading floor – wherever it resides – has an insatiable hunger for information and market data. Multiple computer connections, diverse display models, voice, data access and demand for convergence at every trading desk are now the norm.

If you are working or planning to operate across this industry, or the companies serving it, you'll need to look more closely at your toolsets.

**See the most common industry workflows below.**



Financial  
Analysis

[Find Out More](#)



# Financial Analysis

As part of a financial advisory firm, you are under enormous pressure to enhance not only your front office with new digital technology, but to transform business and operating models as well. Finance is not just about number crunching anymore. Social finance, AI-enabled finance, and instant finance are just among the latest trends to shake up the industry. Dell Precision workstations power trading floors, financial analysis and banking through close partnerships with financial institutions and ISVs.



## FINANCIAL ANALYST

Performs financial analysis for external or internal financial clients as a core part of the job using a combination of fundamental and technical chart analyses.

**Why a workstation?** Analysts require the fastest and most reliable computer workstations with multiple monitors. The Dell workstation provides the reliability and performance needed for quick and easy access to comprehensive data sets.



## FINANCIAL ADVISOR

Suggests and renders financial services based on the client's financial situation.

**Why a workstation?** A workstation should provide high-end graphics so advisors can load and interpret multiple client workflows. It should also provide the performance required to analyze customer and industry trends in real-time.

## Challenges:

1. Need for reliability, performance, and connectivity for multiple high resolution monitors on the trading floor.
2. Incorporation of AR/VR and AI to enhance analysis, as well as big data analytics.

**Overcome those challenges with Dell's solutions below:**



# Financial Analyst Workflow

## Precision 3640 Tower

Analyzing from current and past financial data analytics and performance. Preparing reports and projections based on this analysis. Coordinating with other members of the finance team to review financial information and forecasts. Providing financial models and forecasting. This reliable workhorse gives you all of this functionality and more.

### Small but mighty.

Harness the power of workstation performance, content creation and reliability in an affordable, smaller, yet expandable tower design.



### Ready for VR.

Prepare yourself for impressive VR in the surprisingly affordable Precision 3640 Tower. Next generation AMD Radeon™ Pro and NVIDIA® RTX™ professional graphics handles VR content creation with workstation-class performance you can count on.



### HTC Vive Pro Eye™

Use virtual reality to train employees and collaborate on predictive/bid data analytics.



### Dell Premier Wireless Keyboard and Mouse | KM717

Enjoy an elegant design that fits into virtually any workspace.



### Financial Analyst Monitor Setup:

#### 4x Dell UltraSharp 27" 4K Monitor | U2718Q

The world's first 27" 4K monitor with InfinityEdge. See stunning colors and pixel perfect details on a virtually borderless display.



# What you see is what they get

In a world where content is king and the discerning audience demands an end product that's more vivid and interactive, what is envisaged in the mind of the creator must transfer onto the screen. Over the Top streaming (OTT), Virtual Reality (VR), and High Dynamic Range imaging (HDR) are all transforming how people consume content, with the Media & Entertainment industry seeing new pipelines being driven by these technological innovations.

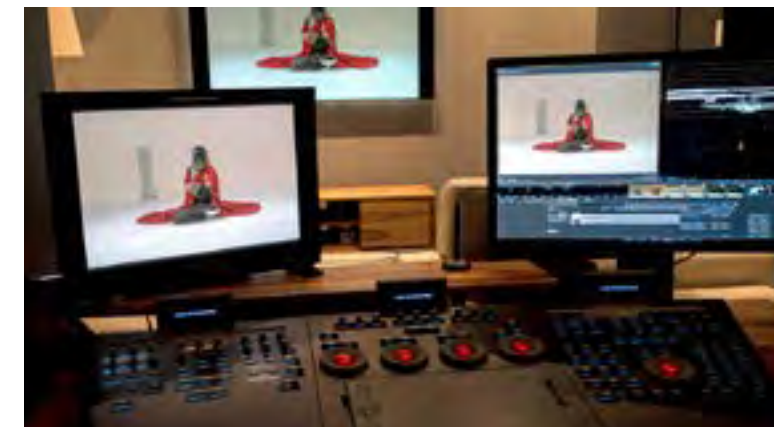
To keep pace, the creatives in your studio will need complimentary hardware at their fingertips that delivers the computation power and rock-solid reliability necessary to produce content across these modern media.

## Where does your adventure begin?



Movies &  
Television

[Find Out More](#)



Visual  
Effects

[Find Out More](#)

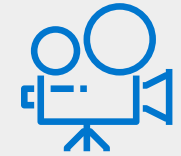
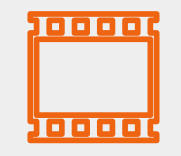
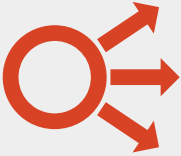






Animated  
Features &  
Game  
Development

[Find Out More](#)

# Movies & Television Workflow

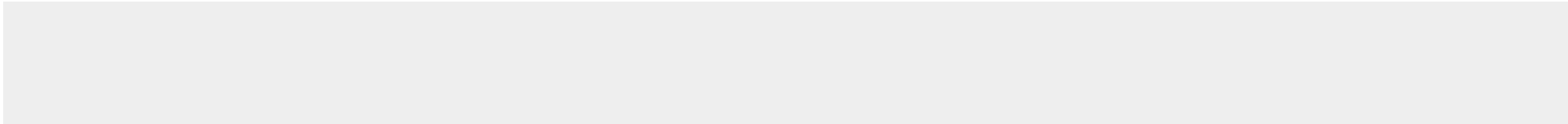
Whether for the big screen or small screen, post-production workflows need to be crisp, clear and cutting-edge. That means media capture, editorial development, VFX and compositing, color grading and finishing, and publishing final finished media. Dell helps you push the envelope of innovation by dynamically fine-tuning your workstation to your preferred applications at the fastest possible speeds. And with ISV certification, you can rest assured you'll have performance and reliability.

 <b>MEDIA CAPTURE</b>	 <b>EDITORIAL DEVELOPMENT</b>	 <b>MOTION GRAPHICS</b>	 <b>VFX + COMPOSITE</b>	 <b>SOUND DESIGN/MIX</b>	 <b>COLOR GRADE/FINISH</b>	 <b>PUBLISH</b>
AJA	Adobe® Premiere Pro®	Autodesk® Maya®	Adobe® After Effects®	Adobe® Audition®	Adobe® SpeedGrade®	Adobe® Media Encoder®
Blackmagic Design	Avid® Media Composer	Autodesk® 3ds Max®	Adobe® Photoshop®	Avid® Pro Tools	Autodesk® Flame®	
Bluefish444	Blackmagic DaVinci Resolve	Foundry Nuke™	Assimilate Scratch	Blackmagic Fairlight	Blackmagic DaVinci Resolve	
GoPro	Grass Valley Edius	MAXON Cinema 4D	Autodesk® Flame®	Steinberg Nuendo		
RED	MAGIX VEGAS Pro	SideFX Houdini™	Blackmagic Design Fusion		FilmLight BaseLight	
Sony	Sony	Blender 3D	Foundry Nuke™			

### Challenges:

1. Content creation standards are being driven to even higher resolution (8K).
2. Trends such as OTT, virtual production and HDR are creating all new pipelines.
3. Your studio has to rapidly expand and contract to accommodate spike projects.
4. An inability to call on high-power and fit-for-purpose infrastructure leads to costly outsourcing.
5. Trying to stay ahead of the competition means that your studio may need to open new facilities, close, or merge existing ones.

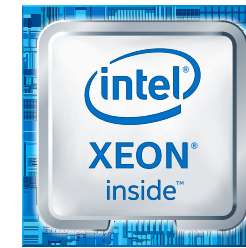
### How we're turning challenges into opportunities:





# Ultimate Video Editing Precision 7920 Tower

Precision workstations can dramatically improve real-time and offline rendering, using dedicated professional graphics card(s). With high-speed, multi-core CPUs like those found in Precision tower or rack workstations, it's time to make the switch. More reason to switch is they can come preinstalled with Linux, meaning you benefit from the power to design at a greater pace, configure images in minutes and transfer large and time-sensitive files with confidence.



## Precision 7920 Tower

Featuring the latest Intel® Core™ and Xeon® processors. For when you're working on projects with large complexity, local and offline rendering and complex visual effects.

## Dell UltraSharp 32 8K Monitor | UP3218K

For when you're shooting in 6K or 8K, this 32" monitor allows you to review footage in its purest format.



## Dell UltraSharp 27 4K HDR Monitor | UP2718Q

Review your video in HDR10 with Dell's first 27" 4K HDR monitor. Dell PremierColor on this monitor offers everything you need to tackle color-critical jobs – wide color coverage, incredible color depth, accurate color and customizable color parameters.



## X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



## Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



## HTC Vive Pro Eye™

Enhance your production workflow with a virtual environment. Replace physical monitors with virtual ones, and get closer to your timeline work than ever before.



## Jabra Evolve 75

This wireless headset lets you get up to stretch without being tethered. Stay focused on your project with ambient noise cancellation, and collaborate virtually with others.



# Mobile Video Editing Precision 7750

When you're working on-set, on the move, or on large, complex projects, Dell's most powerful 17" mobile workstation is ideal for local and offline rendering and complex visual effects. It can come preinstalled with Linux, meaning you get the power to design faster, configure images in minutes and transfer large, and time-sensitive files with confidence.



### Our most powerful 17" mobile workstation is VR and AI ready.

The newly designed 17" mobile workstation is also small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (8TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while running the most intensive applications.

### PremierColor UltraHD resolution screen

You won't believe your eyes. View your projects with complete clarity.

### HDR & 8K support

Support for HDR and 8K resolution with DisplayPort 1.4 as well as dual Thunderbolt 3.

### Additional productivity when you need it.

### Dell Performance Dock | WD19DC

Incredibly powerful Thunderbolt Dock delivering up to 210W. Leave your power brick at home and plug in one cable for both data and power for your Precision 7750 workstation.



### X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



**QUADRO  
RTX STUDIO**

Dell Precision 7740 workstations configured with RTX™ GPUs are NVIDIA® Quadro RTX™ Studio ready.

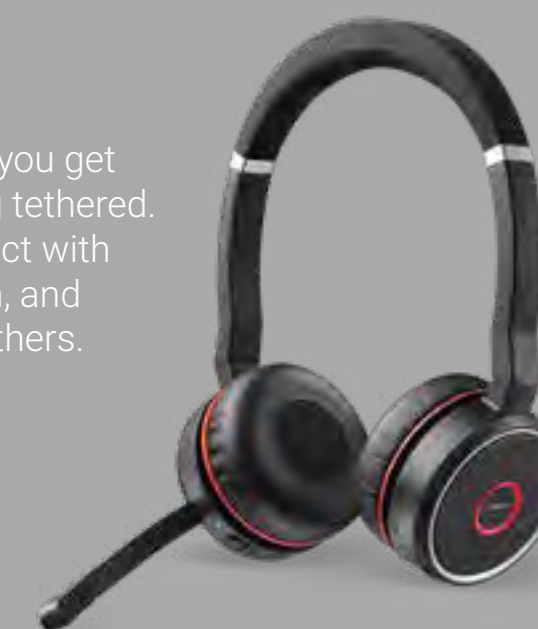


### HTC Vive Cosmos™

Enhance your production workflow with a virtual environment. Replace physical monitors with virtual ones, and get closer to your timeline work than ever before.

### Jabra Evolve 75

This wireless headset lets you get up to stretch without being tethered. Stay focused on your project with ambient noise cancellation, and collaborate virtually with others.



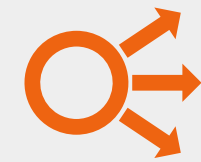
### Dell UltraSharp 32 8K Monitor | UP3218K

For when you're shooting in 6K or 8K, this 32" monitor allows you to review footage in its purest format.



# Visual Effects Workflow

Modern visual effects make the unreal look real for audiences. For creators, Dell's superior visual effects technology takes the realms of probability and transforms it by dynamically fine-tuning your workstation to run your preferred applications at the fastest possible speeds, and with ISV certification, you can rest assured that you'll have guaranteed reliability too.



## MOTION GRAPHICS

Autodesk® Maya®

Autodesk® 3ds Max®

Foundr Modo®

Foundry Katana®

MAXON Cinema 4D

SideFX Houdini™

Blender 3D



## VFX + COMPOSITE

Adobe® After Effects®

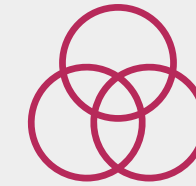
Adobe® Photoshop®

Assimilate Scratch

Autodesk® Flame®

Blackmagic Fusion

Foundry Nuke®



## COLOR GRADE/FINISH

Adobe® SpeedGrade®

Autodesk® Flame®

Blackmagic DaVinci Resolve

FilmLight BaseLight



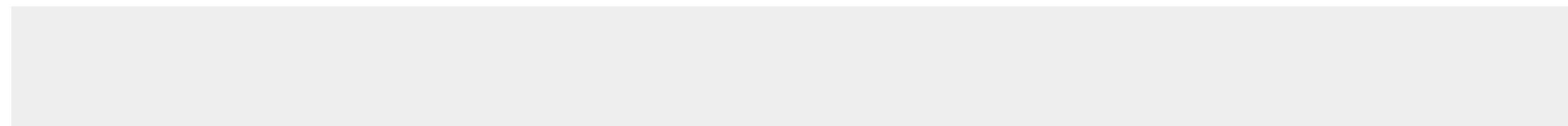
## PUBLISH

Adobe® Media Encoder®

### Challenges:

1. Being forced to move large parts of your infrastructure and render farms to accommodate electrical power constraints.
2. Trying to release superior content that relies on available industry talent.
3. Discerning and increasing sophistication of viewing audience requires more realistic VFX.
4. Trends such as OTT, VR and HDR are creating all new pipelines.

### How we're turning challenges into opportunities:

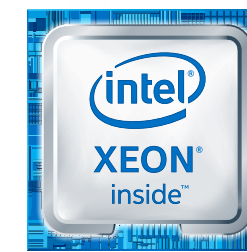


# Ultimate Visual Effects Precision 7920 Tower

For visual effects artists that want to develop mind-blowing visual effects.

The revolution in visual innovation begins here. Make sure you are a leader, not a follower.

Precision doesn't just run applications. It's custom built for the job.



### Precision 7920 Tower

Featuring the latest Intel® Core™ and Xeon® processors. For when you're working on projects with large complexity, local and offline rendering and complex visual effects.

**Dell UltraSharp 32 8K Monitor | UP3218K**  
For when you're shooting in 6K or 8K, this 32" monitor allows you to review footage in its purest format.



### Dell UltraSharp 27 4K HDR Monitor | UP2718Q

Review your video in HDR10 with Dell's first 27" 4K HDR monitor. Dell PremierColor on this monitor offers everything you need to tackle color-critical jobs – wide color coverage, incredible color depth, accurate color and customizable color parameters.



### X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



### Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



### HTC Vive Pro Eye™

Enhance your production workflow with a virtual environment. Replace physical monitors with virtual ones, and get closer to your timeline work than ever before.



### Jabra Evolve 75

This wireless headset lets you get up to stretch without being tethered. Stay focused on your project with ambient noise cancellation, and collaborate virtually with others.



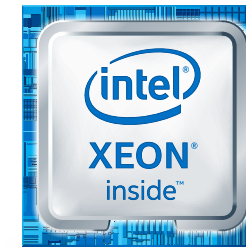
# Ultimate Visual Effects

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### Jabra Evolve 75

This wireless headset lets you get up to stretch without being tethered. Stay focused on your project with ambient noise cancellation, and collaborate virtually with others.



# Animated Features & Game Creation Workflows

In movies, animators only have to worry about what's going to be on-screen in the field of vision, whilst in 3D video games, environments must work at a full 360-degree level. Dell delivers dynamic workstation fine-tuning to run your preferred applications at the fastest possible speeds, and with ISV certification, you can rest assured that you'll have guaranteed reliability too.

 2D IMAGE EDITING	 3D MODEL & ANIMATE	 VR HARDWARE PLATFORMS	 SOUND DESIGN/MIX	 SOFTWARE DEVELOPMENT	 INTERACTIVE (GAME) ENGINES
Adobe® Photoshop®	Autodesk® 3ds Max®	HTC Vive	Adobe® Audition®	Microsoft C++	Epic Unreal Engine
Adobe® Premiere®	Autodesk® Maya®	Oculus Rift	Magix	Python	Unity3D
Adobe® After Effects®	Foundry Modo®	Google Cardboard	SoundForge	C# ('C-sharp')	Crytek
Substance Designer	Maxon Cinema 4D	Sony Playstation VR	Avid® Pro Tools	Javascript	Cry Engine
Substance Painter	Blender 3D	Samsung Gear VR	Audacity	Perforce	Amazon Lumberyard
	SideFX Houdini™				

## Challenges:

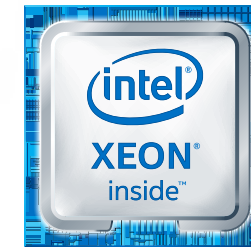
1. Being forced to move large parts of your infrastructure or render farms to accommodate electrical power constraints.
2. Trying to release superior content that rests on available industry talent.
3. Games are more immersive and expansive than ever.
4. Discerning and younger audiences are rejecting lower-quality games.
5. Trends such as OTT, VR and HDR are creating all new pipelines.
6. Continued growth in multiplatform games, especially mobile platforms.

## How we're turning challenges into opportunities:



# Ultimate Animating Precision 7920 Tower

Dell's most powerful\* fixed workstation delivers ultimate performance and scalability to grow alongside your vision. Now there's no limit to your potential. And, these workstations can come preinstalled with Linux, giving you the power to design faster, configure images in minutes with starker and more lifelike graphics, plus transfer large and time-sensitive files with confidence.



**Precision 7920 Tower**  
Featuring the latest Intel® Core™ and Xeon® processors. For when you're working on projects with large complexity, local and offline rendering and complex visual effects.



**Dell UltraSharp 38 Curved Monitor | U3818DW**  
The expansiveness of this 37.5" curved screen paired with virtually borderless InfinityEdge creates a near-complete field of view, providing an almost uniform visual focus that reduces eye movement across the screen. With fewer distractions, you'll work more comfortably and productively.

**HTC Vive Pro Eye™**  
Review your CGI project in 3D.



**Dell Premier Wireless Keyboard and Mouse | KM717**  
Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.

**3dconnexion SpaceMouse Pro**  
Tumble/track/dolly in one single fluid motion, without shuffling between the mouse and keyboard.



**X-Rite Colorimeter i1Display Pro**  
Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



\*When equipped with two Intel® Xeon® Scalable Processors, available 3.0TB 2933MHz of memory capacity and NVIDIA® GP100 graphics. Based on Dell internal analysis of competitive workstation products as of October 2017.



# Design Engineering, Architecture, and Manufacturing in the Modern Era.

In modern times, change is the only constant. The design engineering, architecture, and manufacturing industries are all seeing paradigm shifts in how products and structures are being developed and built.

Advances in simulation and analysis, digital twins and generative design are enabling new design paradigms.

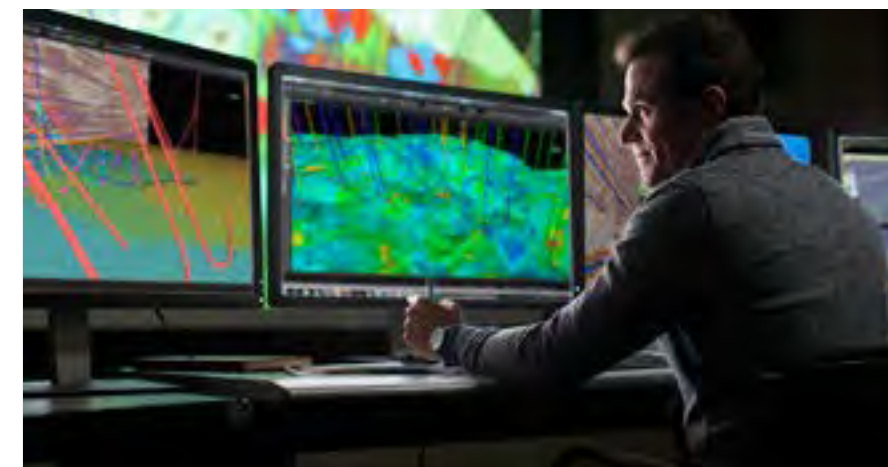
Augmented Reality (AR), Virtual Reality (VR), and Photo-Realistic visualization are enhancing design and collaboration.

Integrated design, additive manufacturing and IoT technologies are driving ever-increasing product complexities.

Building Information Modelling (BIM) is driving better design and manageability of projects.

If you are producing or planning to produce interactive and new-dimensional content for these industries or companies serving them, you should be prepared to look at your toolsets and review the way you work.

**See the most common industry workflows below.**



Engineering and  
Manufacturing

[Find Out More](#)









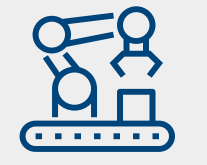
Architecture,  
Engineering and  
Construction

[Find Out More](#)



# Engineering and Manufacturing Workflow

To compete in a world where production is moving from commoditization to personalization, today's leading engineers and manufacturers need to streamline workflows using high performance workstations. The challenge is doing that effectively whilst incorporating new technologies such as IoT, reducing physical prototypes and enhancing collaboration.

 <b>CONCEPT DESIGN</b> Quickly evaluate design options.	 <b>SYSTEMS DESIGN</b> Define major systems and how they work together.	 <b>INDUSTRIAL DESIGN</b> Define shape, look and feel, user interaction.	 <b>DETAILED DESIGN</b> Define design in full detail.	 <b>SIMULATION / ANALYSIS (CAE)</b> Evaluate performance to meet specifications.	 <b>VISUALIZATION</b> Simulate visual experience.	 <b>MANUFACTURING (CAM)</b> CNC Machining, create tool paths / additive MFG.
Dassault Systèmes® SolidWorks®	Autodesk Inventor® Autodesk Fusion™	Autodesk Alias® Studio	Autodesk Inventor® Autodesk Fusion™	ANSYS® Mechanical™ ANSYS® Fluent®	Autodesk 3ds Max® Dassault Systèmes® SolidWorks®	Autodesk HSMWorks MasterCAM
Dassault Systèmes® CATIA® Natural Sketch	Dassault Systèmes® SolidWorks®	Dassault Systèmes® SolidWorks® Industrial Designer	Dassault Systèmes® SolidWorks®	Autodesk Inventor® Autodesk Fusion™	Dassault Systèmes® SolidWorks® Visualize	Dassault Systèmes® DEMIA Dassault Systèmes® SolidWorks® CAM
Autodesk AutoCAD®	Dassault Systèmes® CATIA®	Dassault Systèmes® CATIA® Industrial Design	Dassault Systèmes® CATIA®	Dassault Systèmes® SolidWorks®	Dassault Systèmes® 3DExcite	PTC Creo® Siemens NX™ CAM
SketchBook® Pro	PTC Creo®	PTC Creo®	PTC Creo®	Dassault Systèmes® CATIA®	Dassault Systèmes® CATIA®	SolidCAM
PTC Creo® DEX	Siemens NX™	Siemens NX™	Siemens NX™	PTC Creo® Siemens NX™	PTC Creo® Render Studio Siemens NX™	Vero Software EDGECAM
PTC Creo® Sketch					Siemens TCVis™	SURFCAM

See Dell solutions below:

Product Design

Simulation and Analysis

Visualization



# Fixed Product Design Precision 5820 Tower

Dell Precision 5820 Tower workstation delivers scalable performance for 2D and 3D CAD applications, such as:

Dassault Systèmes® – SolidWorks® and CATIA®, Autodesk Inventor®, Autodesk AutoCAD®, PTC Creo®, Siemens NX™

## Precision 5820 Tower

Expand your ideas with the Precision 5820 Tower. Featuring high performance in an innovative, versatile compact design and the latest Intel® Xeon® processors.



## Dell UltraSharp 27 4K Monitor | U2718Q (3840x2160)

Ideal monitor for mainstream CAD providing great color quality and resolution for detailed 2D/3D modeling.



## HTC Vive Pro Eye™

Review your CGI project in 3D.



## 3Dconnexion SpaceMouse Pro

With an advanced ergonomic design and on-screen display, SpaceMouse Pro delivers superior comfort and a simpler, more productive workflow.



## Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



# Mobile Product Design

## Precision 5750

Dell Precision 5750 workstation delivers scalable performance for 2D and 3D CAD applications, such as:

Dassault Systèmes® – SolidWorks®  
CATIA®, Autodesk Inventor®, Autodesk  
AutoCAD® PTC Creo®, Siemens NX™

### Beauty meets performance.

This all-new 17" mobile workstation is the smallest, thinnest and lightest in its class. Immerse yourself into the 16.10 4-sided InfinityEdge display, up to HDR400, while working away on the elegant keyboard and large touchpad. This system just over 4.7lbs, yet has the power to be Ready for VR.



### Dell UltraSharp 27 4K Monitor | U2718Q (3840x2160)

Ideal monitor for mainstream CAD providing great color quality and resolution for detailed 2D/3D modeling.



### HTC Vive Cosmos™

Enhance your production workflow with a virtual environment and get closer to your designs than ever before.



### 3Dconnexion SpaceMouse Wireless

This easy to carry wireless device, has a patented 6-Degrees-of-Freedom (6DoF) sensor that allows you to rotate, zoom and manipulate.



### Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



### Dell Thunderbolt Dock | WD19TB

Experience ultimate productivity with the World's most powerful Thunderbolt™ dock\*. The WD19TB offers up to 130W of power delivery for faster charging when at your desk with Dell ExpressCharge.

\*Based on Dell internal analysis of competitive products using publicly available data as of February 2019. Power Delivery of up to 130W when used with compatible Dell systems. ExpressCharge Boost is available on select Dell systems.



# Mobile Simulation and Analysis (CAE)

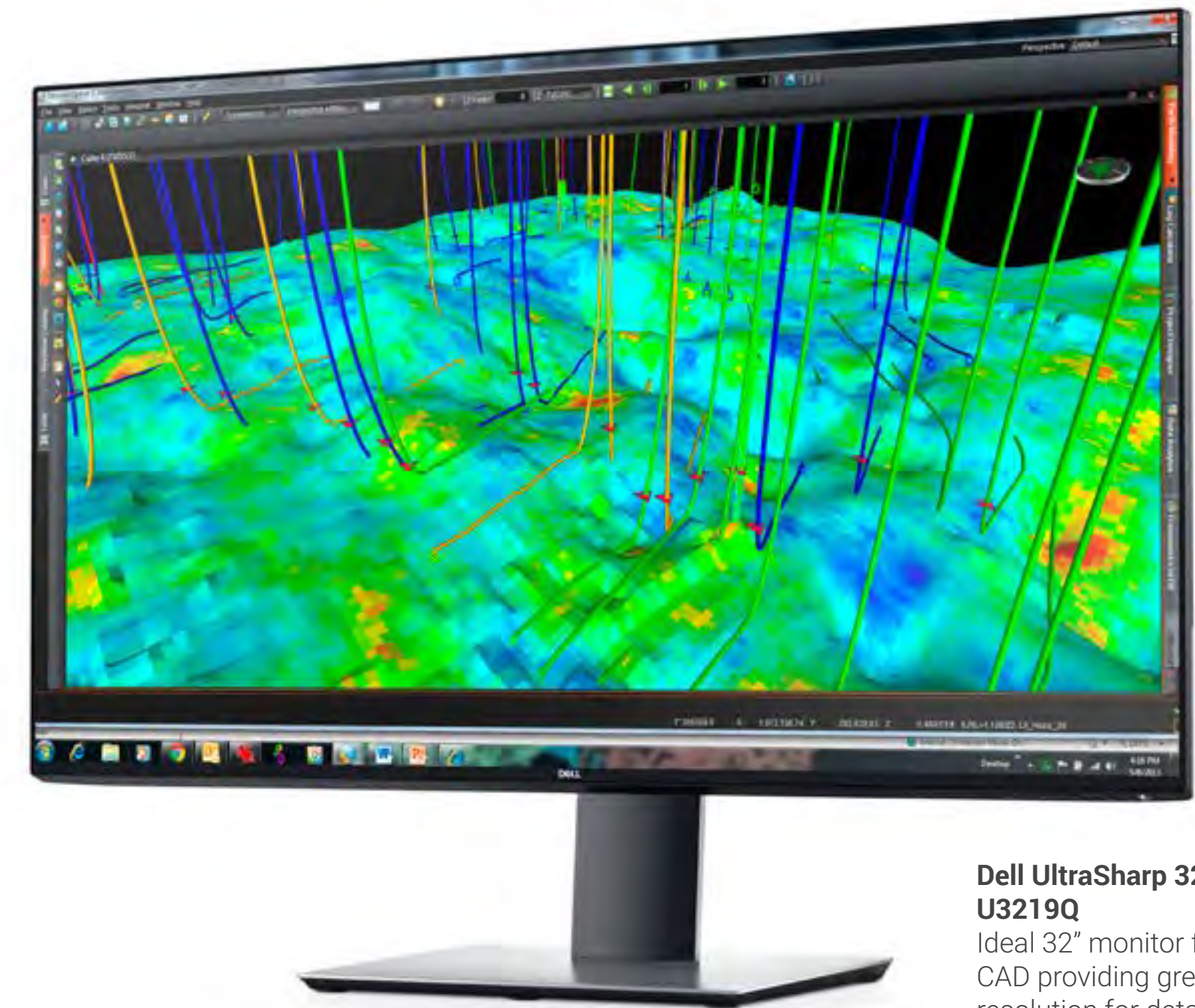
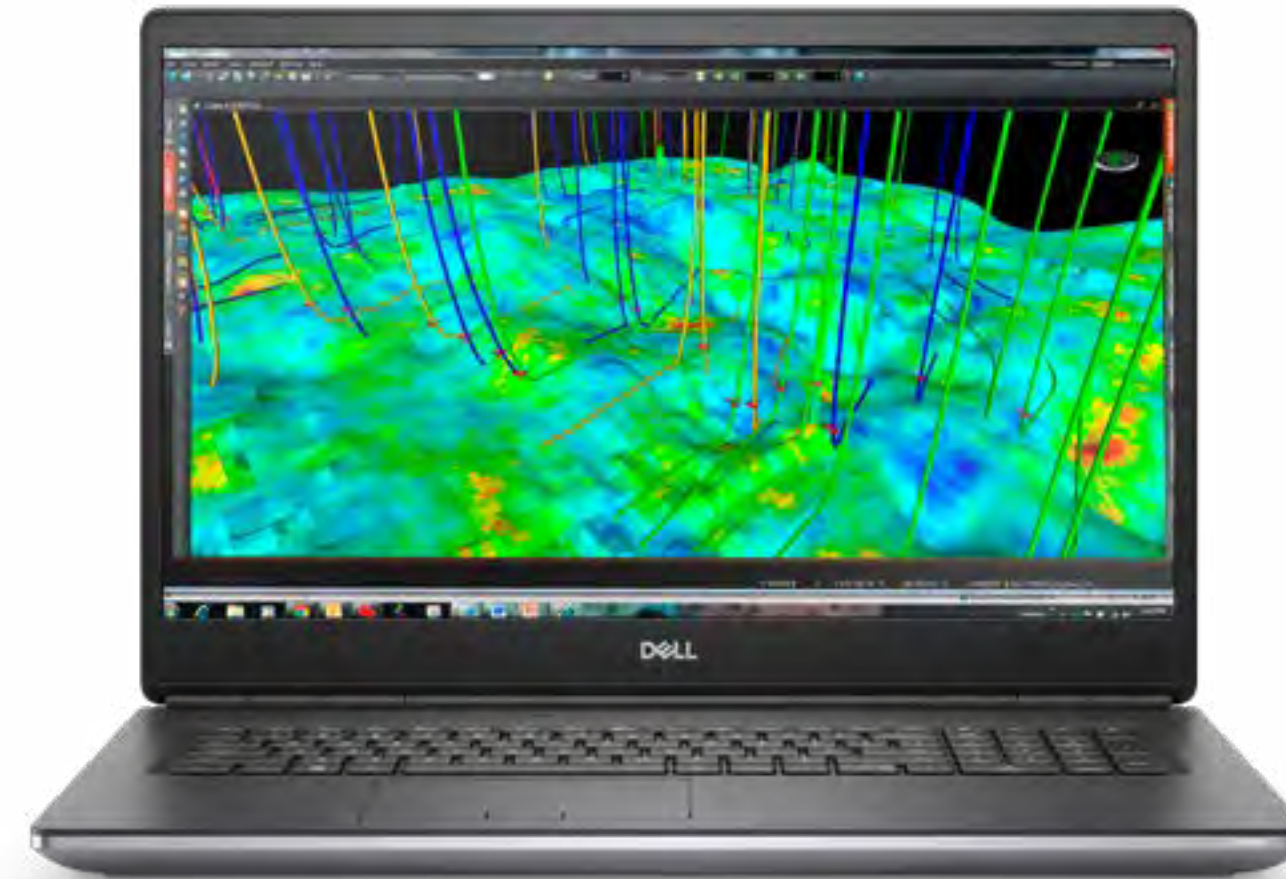
## Precision 7750

The Dell Precision 7750 workstation delivers scalable performance for CAE applications, such as:

ANSYS® Mechanical™, Fluent®, Discovery™ Live, Altair® HyperWorks®, solidThinking®, COMSOL Multiphysics®

### Our most powerful 17" mobile workstation is VR and AI ready.

The newly designed 17" mobile workstation is also small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (8TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while running the most intensive applications.



### Dell UltraSharp 32 4K USB-C Monitor | U3219Q

Ideal 32" monitor for mainstream CAD providing great color quality and resolution for detailed 2D/3D modeling.



### HTC Vive Pro Eye™

Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



### Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



### Dell Performance Dock | WD19DC

Boost your PC's power up to 210W on the World's most powerful dual USB-C dock\*. Get the flexibility you need with magnetically separable USB-C cables.



### 3Dconnexion SpaceMouse Wireless

This easy to carry wireless device, has a patented 6-Degrees-of-Freedom (6DoF) sensor that allows you to rotate, zoom and manipulate.

\*Based on Dell internal analysis of competitive products using publicly available data as of February 2019. Power Delivery of up to 130W when used with compatible Dell systems. ExpressCharge Boost is available on select Dell systems.



# Fixed Visualization

## Precision 5820 Tower

The Dell Precision 5820 Tower workstation delivers scalable performance for visualization applications, such as:

Dassault Systèmes® – SolidWorks®  
Visualize, 3DEXCITE, Autodesk® 3ds  
Max®, VRED Siemens PLM Teamcenter®  
Visualization

**Precision 5820 Tower**  
Expand your ideas with the Precision 5820 Tower. Featuring high performance in an innovative, versatile compact design and the latest Intel® Xeon® processors.



**Dell UltraSharp 32 8K Monitor | UP3218K**  
7680 x 4320 at 60 Hz  
A large format 32" monitor with high resolution and color quality, ideal for visualization.



**HTC Vive Pro Eye™**  
Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



**Dell Premier Wireless Keyboard and Mouse | KM717**  
Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



**X-Rite Colorimeter i1Display Pro**  
Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



**3Dconnexion SpaceMouse Pro**  
With an advanced ergonomic design and on-screen display, SpaceMouse Pro delivers superior comfort and a simpler, more productive workflow.



# Mobile Visualization

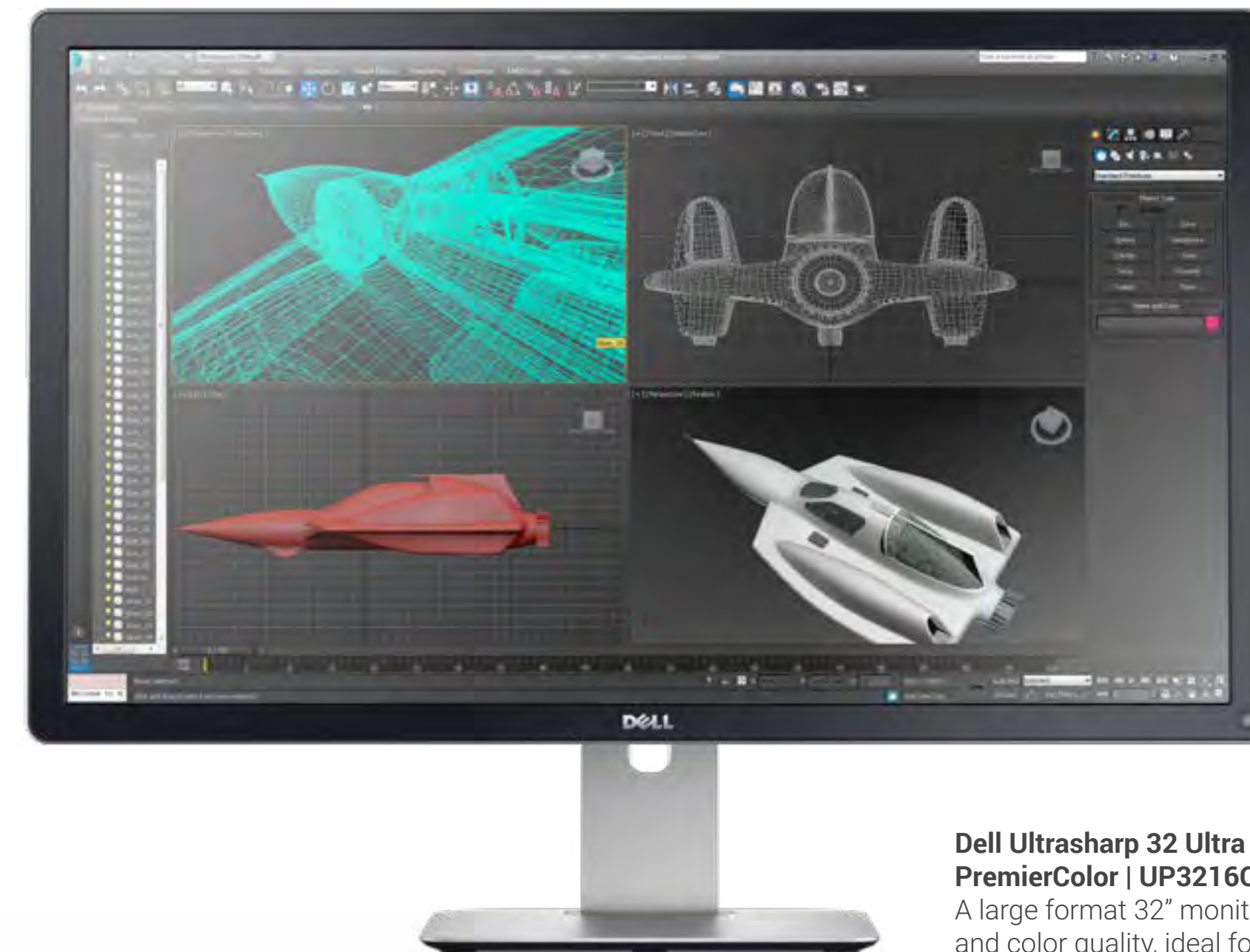
## Precision 7750

The Dell Precision 7750 workstation delivers scalable performance for visualization applications, such as:

Dassault Systèmes® – SolidWorks® Visualize, 3DEXCITE, Autodesk® 3ds Max®, VRED, Autodesk® 3ds Max®, VRED Siemens PLM Teamcenter® Visualization

### Our most powerful 17" mobile workstation is VR and AI ready.

The newly designed 17" mobile workstation is also small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (8TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while running the most intensive applications.



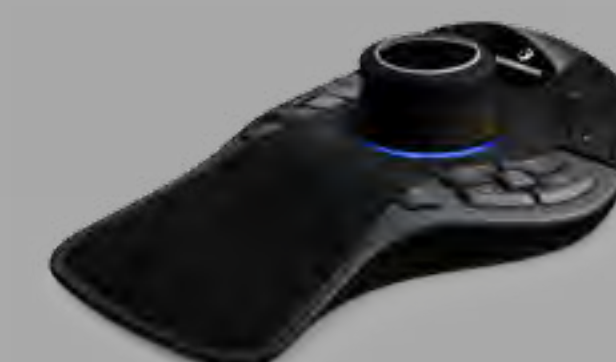
**Dell Ultrasharp 32 Ultra HD 4K Monitor with PremierColor | UP3216Q (3840x2160)**  
A large format 32" monitor with high resolution and color quality, ideal for visualization.



**HTC Vive Pro Eye™**  
Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



**Dell Premier Wireless Keyboard and Mouse | KM717**  
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**X-Rite Colorimeter i1Display Pro**  
Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.

**Dell Performance Dock | WD19DC**  
Boost your PC's power up to 210W on the World's most powerful dual USB-C dock\*. Get the flexibility you need with magnetically separable USB-C cables.








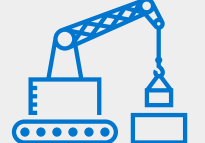


\*Based on Dell internal analysis of competitive products using publicly available data as of February 2019. Power Delivery of up to 130W when used with compatible Dell systems. ExpressCharge Boost is available on select Dell systems.



# Architecture, Engineering and Construction (AEC) Workflow

Today's AEC professionals have to wear multiple hats. They need to be able to design and visualize to meet customer needs, become greener, and quickly drive critical business decisions. The challenge is finding the appropriate workstations that support their need for photo-realistic rendering and AR/VR technology, and drive more efficient performance and collaboration.

 <b>CONCEPT DESIGN</b>  Quickly evaluate design options and massing studies.	 <b>VISUALIZATION / PRESENTATION</b>  Simulate, share and collaborate visual appearance and ideas.	 <b>ARCHITECTURAL DESIGN</b>  Define appearance – shape, look and feel.	 <b>ANALYSIS- STRUCTURAL, LIGHTING</b>  Analyze structural performance to meet specifications.	 <b>MECHANICAL / ELECTRICAL PLUMBING (MEP) SYSTEMS</b>  Evaluate performance to meet specifications.	 <b>DOCUMENTATION</b>  Document to pass on the Construction.	 <b>CONSTRUCTION PLANNING</b>  Plan and coordinate building process.	 <b>BUILDING CONSTRUCTION</b>  Plan and coordinate building process.
Trimble® Sketchup™	Autodesk 3ds Max	Autodesk Revit	Autodesk Revit Structure	Autodesk Revit MEP	Autodesk AutoCAD®	Autodesk NavisWorks	CNC Machining, create tool paths / additive MFG
Autodesk SketchBook® Pro	Autodesk Revit Live	GRAPHISOFT ARCHICAD	Autodesk Advance Steel	Autodesk AutoCAD MEP	GRAPHISOFT® ARCHICAD		
Autodesk® Formit	Autodesk NavisWorks®	Bentley Microstation	Tekla Structural Designer	Autodesk NavisWorks®	Bentley Microstation		
Insta 360 Pro™	Epic Games	Robert McNeel Associates Rhino®	Bentley Microstation	Trimble® PipeDesigner			
Adobe Illustrator®	Unreal Engine		Bentley STAAD.Pro	PipeDesigner			
Grasshopper 3D	Unity 3D		Bentley RAM Steel				
Bentley AECOsims	Chaos Vray						

See Dell solutions below:

Architectural Design

Visualization



# Fixed Architectural Design

## Precision 3640 Tower

The Dell Precision 3640 Tower workstation saves space and features ISV certification for architectural applications such as:

Autodesk Revit®, AutoCAD®, GRAPHISOFT® ARCHICAD, Bentley Software MICROSTATION, Robert McNeel & Associates Rhino®

### Precision 3640 Tower

For when you're working on projects with large complexity, local and offline rendering and complex visual effects and the latest Intel® Xeon® processors.



### Dell UltraSharp 27 4K Monitor | U2718Q (3840x2160)

Ideal 27" monitor for mainstream CAD, providing great color quality and resolution for detailed 2D/3D modeling.



### HTC Vive Pro Eye™

Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



### X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



### Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



### Jabra Evolve 75

The best wireless headset that allows you to stay focused on your project with ambient noise cancellation, collaborate using world-class speakers and HD voice and pair to multiple devices using Dual Bluetooth® connectivity.



### Sonnet eGFX Breakaway Box 550 | US Only

Increase graphics performance to application performance to increase rendering speeds, connect to 8K or 4K HDR monitors, or connect to a HTC Vive for virtual reality applications.



# Mobile Architectural Design

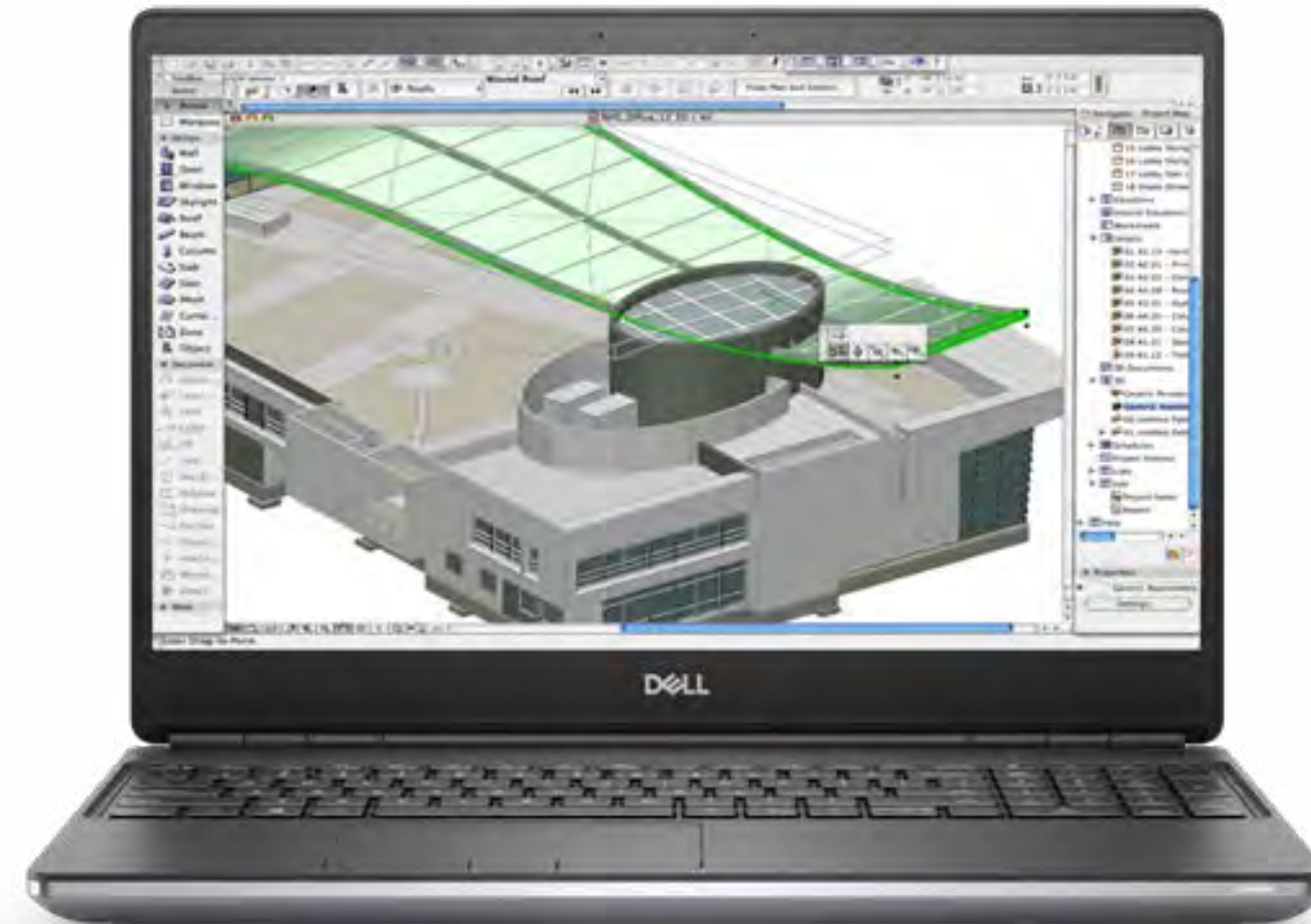
## Precision 7550

The Dell Precision 7550 workstation delivers power with mobility and features ISV certification for architectural applications such as:

Autodesk Revit®, AutoCAD®, GRAPHISOFT® ARCHICAD, Bentley Software, MICROSTATION, Robert McNeel & Associates Rhino®

### Dell's most powerful 15" mobile workstation.

The newly designed 15" mobile workstation is small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (6TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while hard at work.



### Dell UltraSharp 27 4K Monitor | U2718Q (3840x2160)

Ideal 27" monitor for mainstream CAD, providing great color quality and resolution for detailed 2D/3D modeling.



### X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.

### Dell Performance Dock | WD19DC

Boost your PC's power up to 210W on the World's most powerful dual USB-C dock\*. Get the flexibility you need with magnetically separable USB-C cables.

\* Based on Dell internal analysis of competitive products using publicly available data as of February 2019. Power Delivery of up to 210W when used with compatible Dell systems.



### HTC Vive Pro Eye™

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### Dell Premier Wireless Keyboard and Mouse | KM717

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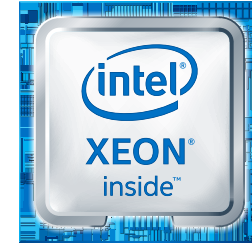


# Fixed Visualization

## Precision 7920 Tower

The Dell Precision 7920 Tower workstation delivers scalable performance for visualization applications, such as:

Dassault Systèmes® SolidWorks® Visualize, 3DEXCITE, Autodesk® 3ds Max®, VRED, Siemens PLM Teamcenter® Visualization.



### Precision 7920 Tower

Max performance. Superior scalability. The world's most powerful workstation, the Precision 7920 Tower and the latest Intel® Xeon® processors, provides ultimate performance and scalability to grow alongside your vision.



### Dell Ultrasharp 32 Ultra HD 4K Monitor with PremierColor | UP3216Q (3840x2160)

A large format 32" monitor with high resolution and color quality ideal for visualization.



### HTC Vive Pro Eye™

Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



### Dell Premier Wireless Keyboard and Mouse | KM717

Enhance productivity and enjoy its elegant design that will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



### X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.



# Mobile Visualization Precision 7750

The Dell Precision 7750 Tower workstation delivers scalable performance for visualization applications, such as:

Dassault Systèmes® SolidWorks® Visualize, 3DEXCITE, Autodesk® 3ds Max®, VRED, Siemens PLM Teamcenter® Visualization.

## Our most powerful 17" mobile workstation is VR and AI ready.

The newly designed 17" mobile workstation is also small enough to fit inside the previous generation, yet brings even more performance with the latest Intel® Core™ or Xeon® processors, up to NVIDIA® Quadro RTX™ 5000 graphics, scalable and fast storage (8TB) and memory (128GB, 2933MHz) options and an advanced thermal design to keep the system cool while running the most intensive applications.



## Dell UltraSharp 27 4K Monitor | U2718Q (3840x2160)

Ideal 27" monitor for mainstream CAD providing great color quality and resolution for detailed 2D/3D modeling.



## HTC Vive Pro Eye™

Review rendered architectural projects in virtual reality and allow clients to experience a realistic interpretation of the finished product.



## Dell Premier Wireless Keyboard and Mouse | KM717

Not only will it enhance productivity, but its elegant design will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth® LE.



## 3Dconnexion SpaceMouse Pro

With an advanced ergonomic design and on-screen display, SpaceMouse Pro delivers superior comfort and a simpler, more productive workflow.



## X-Rite Colorimeter i1Display Pro

Ensure a perfectly calibrated and profiled display to your client's color palette while delivering the speed, options and flexibility needed to maintain color accuracy.

## Dell Performance Dock | WD19DC

Boost your PC's power up to 210W on the World's most powerful\* dual USB-C dock. Get the flexibility you need with magnetically separable USB-C cables.



\*Based on Dell internal analysis of competitive products using publicly available data as of February 2019. Power Delivery of up to 130W when used with compatible Dell systems. ExpressCharge Boost is available on select Dell systems.