

DELL CLIENT SOLUTIONS

DELL OPTIMIZER

We make it intelligent.
You make it yours.



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DELL OPTIMIZER

Personalized intelligence built around you

In a work-from-anywhere world, powering the world's most intelligent business PCs* is not enough, Dell Optimizer is extending personalized intelligence to the rest of the Dell ecosystem.



New! Intelligent Ecosystem



New! Collaboration Touchpad



Intelligent Privacy



ExpressConnect



Intelligent Audio



ExpressSign-in



ExpressCharge



ExpressResponse

Dell Optimizer is our AI-based optimization software that learns and responds to the way you work, designed to automatically improve application and device performance, PC and accessory battery run-time, audio/video settings and privacy – all in the background while you're working.



[Click here to watch the video to see how it works!](#)

DELL OPTIMIZER

Safe, secure and manageable

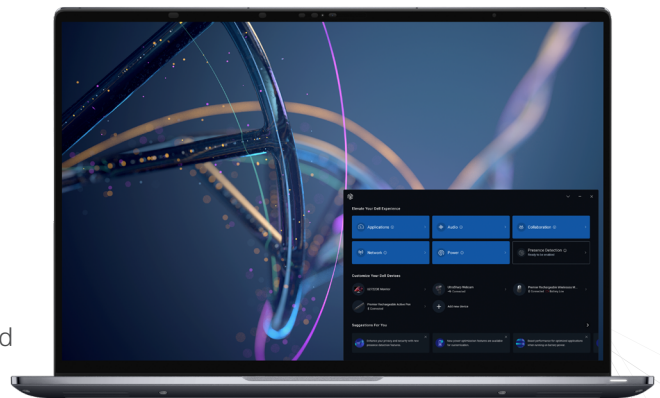
Artificial intelligence is seen by many as the baseline of transformative technology but it can be dangerous when not handled ethically and responsibly. With Dell Optimizer, optimization and data collection follow a stringent process to ensure your privacy and security.



At Dell, security and privacy are paramount.

Our technology gathers and analyzes optimization data locally on the system and never leaves the box. This is designed to continually improve your PC experience based on how you use your Dell device.

Telemetry information such as event data and service heartbeats are sent to Dell to help understand if the app is working appropriately and done anonymously. This ensures the continued improvement of the functionality and seamlessness of our software.



DELL OPTIMIZER

An intelligent ecosystem

Elevate your work experience with intelligent optimization extending from your PC to the rest of your desk.



Enjoy easy pairing and management of your Dell monitors and accessories with the [integration of Dell Display Manager and Dell Peripheral Manager](#).

[Dell Display Manager](#) offers optimal front-of-screen experience and efficient display management through comprehensive easy to use tools.

Customize and update all of your compatible Dell accessories³⁴ with advanced features*, such as AI Auto Framing in webcams and programmable keyboard keys, using [Dell Peripheral Manager](#)**.



DELL OPTIMIZER

Collaboration at your fingertips

Multi-task with ease with the **Collaboration Touchpad[^]** - putting frequently used video, screen share, mic and chat functions right at your fingertips.



Ease into your meetings with the Collaboration Touchpad[^] on select Latitude PCs.[^]

Gone are the days when you're frantically closing all the apps in your window just to get to that mute button in the middle of a Zoom call.

The **Collaboration Touchpad** provides easy access to frequently used Zoom features such as video, screen share, mic and chat, automatically popping up when you need them.

Haptic vibrations are now available on the Latitude 9440 for an enhanced collaboration experience.



DELL OPTIMIZER

Intelligent privacy anywhere

Privacy is a major concern – help keep sensitive data private with [a comprehensive suite of Intelligent Privacy features.](#)¹



Intelligently protect digital assets and privacy with:

Onlooker detection texturizes or turns on Safe Screen when an onlooker is detected.

Look Away Detect darkens the PC screen based on user behavior.

ExpressSign-in detects your presence and wakes up your system and locks your PC when you walk away.

Enjoy the benefits of seamless productivity and privacy with the integration of Intelligent Privacy and ExpressSign-in on select OptiPlex All-in-One PCs, Dell monitors or when used with select Dell webcams.



[Click here to see how Intelligent Privacy works.](#)

DELL OPTIMIZER

Elevate app performance with **ExpressResponse**

A new era of smart systems has begun. **ExpressResponse** manages the speed and performance of your favorite applications³, so every interaction feels like second nature.



“I love the way that Dell Optimizer prioritizes my most important applications. It helps my working day run more smoothly.”

Sakkanart Udomdirekrirk
Owner, Pragma Technology

Know your applications

Dell Optimizer allows you to choose what apps you like best, and machine learning handles the rest. It evaluates how each program consumes resources and identifies opportunities for optimization.

Enhances performance

After learning your selected applications, ExpressResponse boosts app performance and prioritizes the task at hand.

Peak efficiency for select Precision PCs

ExpressResponse delivers peak 240-watt performance on selected applications when unplugged from your power adapter. ^^



DELL OPTIMIZER

Unmatched connectivity with ExpressConnect

Benefit from the strongest Internet connection available. **ExpressConnect³** provides faster data and video downloads through the world's first simultaneous multi-network connection.⁴ It also joins the best network⁵ available wherever you work.



Simultaneous multi-network connection

Uses two network connections (wired and wireless) to simultaneously send and receive data for faster downloads.

Bandwidth Management

Prioritizes conference apps while working from anywhere.

Automatic Network Switching

Recommends switching to a stronger network when available.

[Watch this video to see how ExpressConnect benefits you](#)



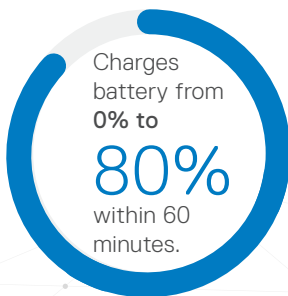
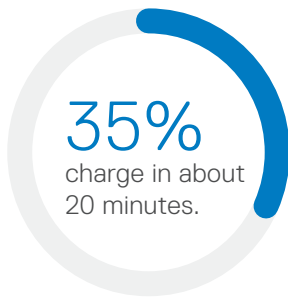
DELL OPTIMIZER

Extend your power with **ExpressCharge**

ExpressCharge analyzes power usage habits to improve PC battery utilization. It extends run times and charges your system faster when you need a boost in power.

“I noticed a significant difference to my battery life straight away - with Dell Optimizer I can now easily work for 12 hours without plugging in”

Peiying Zhang
COO Australia & New Zealand,
Schreder Australia



Extend the life of your PC battery

Advanced Charge keeps your PC batteries from overcharging when plugged into a direct power source, therefore, extending the life and health of your PC battery.

Quickly look up **battery details** within the new power interface and enjoy **smart alerts** that notify you of any power, thermal and battery changes within your hardware and ecosystem.

Guard Against Low Power

By regulating screen brightness, CPU performance, audio and more. **ExpressCharge** helps ensure your battery operates at its fullest potential.

Keeps you up and running

Get all the power you need in less time with up to 80% charge in an hour, or use **ExpressCharge boost** and gain 35% battery life in just 20 minutes.***

DELL OPTIMIZER

Hear and be heard with **Intelligent Audio**

Collaborate with confidence with **Intelligent Audio** as it detects your voice and stabilizes your system's volume for an enhanced conferencing experience.

“Emergency shelters are incredibly noisy places — not good environments for clear Zoom or Teams calls – but these virtual conversations directly impact people’s lives. Dell Optimizer’s Intelligent Audio technology has really saved us.”

Kelly Durand

Director of Organizational Learning,
People’s Emergency Center, Philadelphia



All the collaboration features you need

Intelligent noise elimination automatically reduces background noise via **neural-noise cancellation technology** - so the only thing your co-workers will hear during a meeting, is you.

Remove Others’ Background Noise intelligently removes background noises and echoes of the participants in your conference calls.

Voice Quality Monitoring monitors the quality of your voice during conference calls and notifies you when the quality is poor.

DELL OPTIMIZER

Productivity without disruptions

Deploy updates and optimize multiple systems simultaneously and remotely with minimal interruptions to your workflow through **centralized management**.

Manage to fit your work

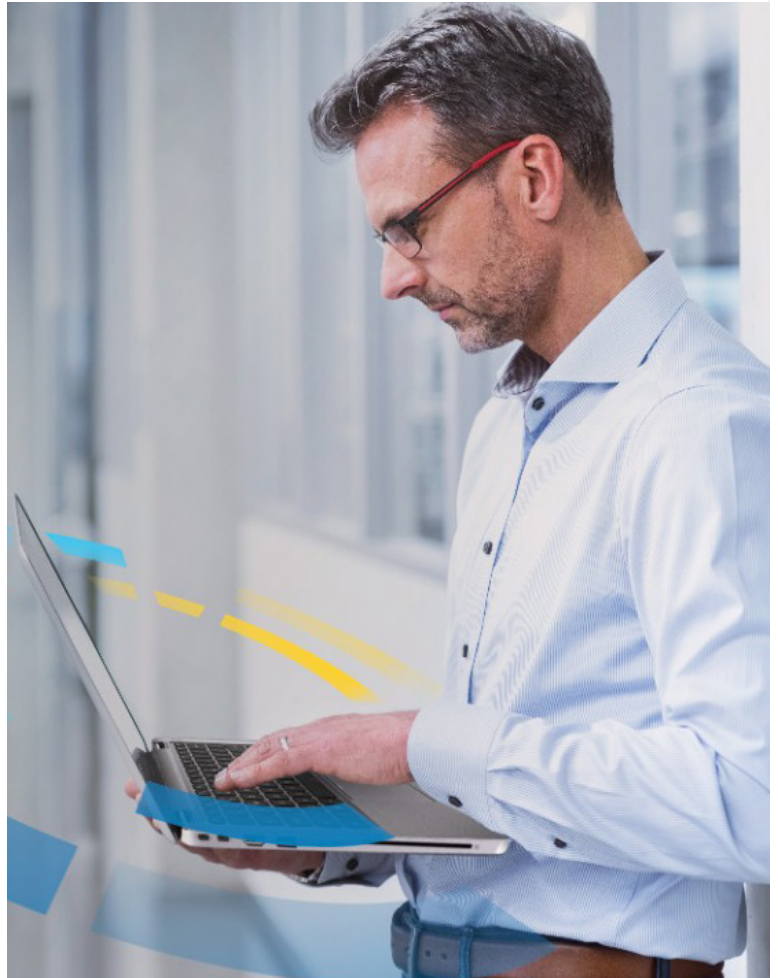
Create a seamless, easy-to-manage work experience for both end-users and IT decision makers. Set up individual features and modules from Dell Optimizer that fit your work environment with the **modular installation**.

Get personalized insights such as system and workload analysis with the Analytics feature on Dell Precision Workstations.

“Dell Optimizer brings us real, measurable productivity gains”.

Dario Ladu

Systems Engineer at freecon AG,
Switzerland



DELL OPTIMIZER

Explore the system that works for you

Whatever your needs or challenges are, Dell Technologies has a Dell Optimizer-powered system to help you maximize productivity.

	OptiPlex			Latitude Laptops				Precision Mobile Workstation			Precision Workstation			Rugged Laptops			
	3000	5000	7000	3000	5000	7000	9000	3000	5000	7000	3000	5000	7000	5430	7230	7330	
Collaboration Touchpad																	
Intelligent Privacy																	
Analytics																	
ExpressSign-In																	
ExpressCharge																	
ExpressConnect																	
ExpressResponse																	
Intelligent Audio																	

Orange icons indicate that the feature only works when system is connected to an external webcam or with select Dell monitors with integrated webcams using Dell Peripheral Manager.

Dell Optimizer features vary per PC model and platform. Please refer to the [Availability Matrix](#) for more details.





We make it intelligent. You make it yours.

To learn more, go to www.delltechnologies.com/optimizer.

^ Collaboration Touchpad is currently available on Latitude 9330 and 9440 and functional with Zoom only.

^^ Available on Precision 5470, 7670 and 7770 workstations only.

1 Based on Dell internal analysis of competitive PC performance software and applications. September 2021. Intelligent Privacy is available on select Dell systems and devices.

2 A 64-bit operating system is required to support 4GB or more of system memory.

3 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at <https://www.dell.com/support/home>.

4 *Disclaimer: Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using up to two wired or wireless connections. Simultaneous multi-network connection works with wired and wireless networks. For select Dell platforms, a USB Wi-Fi adapter is required to connect a second Wi-Fi network. Based on Dell internal analysis, September 2021.

5 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

6 The stated Watt Hour (Whr) is not an indication of battery life.

7 Intel Rapid Storage Technology requires a HDD, mSATA, or an SSD, as primary storage device. See OS requirements.

8 Wireless antenna and module available only at time of system purchase. Wi-Fi 6E availability may vary by region.

9 Dell Latitude 9420 are brominated flame retardant free (BFR-free) and polyvinyl chloride free (PVC-free); meeting the definition of BFR-/PVC-free as set forth in the iNEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR-/CFR-/PVC-free)'. Plastic parts contain less than 1,000 ppm (0.1%) of bromine (if the Br source is from BFRs) and less than 1,000 ppm (0.1%) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total less than 1,500 ppm (0.15%) with a maximum chlorine of 900 ppm (0.09%) and maximum bromine being 900 ppm (0.09%).

10 Mobile Broadband Subject to service provider's broadband subscription and coverage area; additional charges apply.

11 Onsite Service after Remote Diagnosis: Remote Diagnosis is determined by online/phone technician based on cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.

12 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions.

13 GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

14 Miracast Wireless Technology: Requires a compatible media adapter (sold separately and can be integrated into the display) and an HDMI-enabled display.

15 Weights vary depending on configuration and manufacturing variability.

16 Available in US only.

17 Based on Dell analysis, November 2020.

18 EPEAT Gold registered in the U.S. EPEAT registration varies by country and configuration. See www.epeat.net for registration status by country.

19 Based on Dell analysis, October 2020.

20 Based on a September 2020 analysis.

21 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

22 ExpressResponse must be enabled in the Applications feature. Dell Optimizer (DO) learns how user uses the selected applications over several hours. Based on Dell testing using Sysmark 2018 benchmark running productivity applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.

23 ExpressSign-in available on Latitude 9000, 7000 and 5000 series. See product details for availability.

24 ExpressCharge with DO requires 14 days to learn the user's behavior, then dynamically applies appropriate battery settings. DO Adaptive Battery setting must be enabled in the Power feature settings labeled "Adaptive Battery Performance". Improvement will vary based on product configuration, use, software, operating conditions, power management settings and other factors. Improvements may decrease over time. System performance may be impacted. ExpressCharge can recharge system battery from 0% up to 80% within 40 minutes. After charging has reached 80% capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging time may vary +/-10% due to system tolerance. ExpressCharge Boost can recharge system battery from 0% up to 35% within 20 minutes when system is powered-off and battery temperature is between 16-45 degrees C. With ExpressCharge mode enabled, the system battery can then continue charging up to 80% within 40 minutes. After charging has reached 80% capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging time may vary +/-10% due to system tolerance.

25 Based on Dell analysis, September 2020. Percentage of recycled content by weight.

26 Based on Dell internal analysis of battery life usage model calculations, Nov 2020. Results vary depending on usage and computing conditions.

27 Based on Dell internal analysis, November 2019.

28 Based on Dell internal analysis of battery life usage model calculations and 3 million keystrokes per year, Nov 2020. Results vary depending on usage and computing conditions.

29 Mobile Broadband Subject to service provider's broadband subscription and coverage area; additional charges apply.

30 Based on Dell analysis, February 2021.

31 Based on Dell analysis, September 2020. 21% bioplastics in LCD coverlid.

32 Based on the design, manufacture, packaging, product lifecycle maintenance and number of ecolabel registrations, including EPEAT Gold registrations for the Dell Precision, Latitude and OptiPlex portfolio as of May 2020.

33 Based on initial pairing. Learn more about Dell Pair and supported models here (<https://www.dell.com/support/kbdoc/en-us/000201693/what-is-dell-pair>)

* Based on Dell analysis, October 2022. Dell Optimizer not available in OptiPlex 3000 series, Latitude Chromebook Enterprise, and Linux-based devices. Feature availability and functionality may vary by model. For more details visit: <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/technical-support/dell-optimizer-features-availability-matrix.pdf.external>

***ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter. Charging times may vary.

++ FirstNet and the FirstNet logo are registered trademarks of the First Responder Network Authority. All other marks are the property of their respective owners.



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