



Untether On-the-Go Experiences

A Comprehensive Guide to Working, Learning, and Creating Freely from Anywhere

FROST & SULLIVAN VISUAL WHITEPAPER

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Megatrends Are Impacting the Ways We Work Now

Our world is in the midst of a continuous and rapid shift toward greater mobility. The proliferation of robust broadband technologies like 5G has reduced our need for physical tethering to any location, allowing us to live, work, and create in a state of perpetual motion. Advancements in battery life and charging technologies have removed the shackles of power constraints, giving us the freedom to roam. And the COVID-19 pandemic forced us to adapt to remote work and fostered a hybrid work model in which home and office blurred into a single, flexible workspace. This workspace has now expanded to accommodate work in living rooms, balconies, coffee shops, parks, and other spaces.

This progression toward mobility is not just about physical movement; it's also about growing autonomy and efficiency. With the rapid development and implementation of artificial intelligence (AI), Frost & Sullivan anticipates a future in which more tasks can be accomplished on the go, without the need to be tied to a specific desk or device. Frost & Sullivan research shows that 64% of businesses worldwide expect AI to increase productivity, demonstrating the profound impact this technology will have on the future of work. The investment in AI by organizations is increasing as well, with 61% planning to put more budget and resources into AI, often driven by the desire to improve operational efficiencies.

The mobile trend is also shaped by societal changes. Younger generations value flexibility and immediacy, and new technology conforms to these expectations. **People know what works best for them; they just need the tools to experience the world without limits.**

While new tech like 5G and generative AI are making it even easier for people to work untethered, now is the perfect time for users to access the right tools for a seamless transition away from traditional desk confines. This vBook examines why many people are choosing to pursue their goals on the go—and takes an in-depth look at the devices they need in order to be successful.





The Power to *Really* Be Productive from Anywhere

To succeed in today's innovative world, people must be empowered to transition from desk-based environments to pursue their passions, without hiccups, from anywhere. Too many people think that simply having the freedom to work on the go meets this challenge. But if we don't have the right tools at our disposal to properly work on projects while mobile, whether alone or in collaboration with our colleagues, friends, and family, we can't really get stuff done.

AI is also improving mobile productivity. By anticipating, predicting, and generating text, images, and more, AI makes it much easier for people to create content and collaborate on the go. **With short commands or prompts, users can unleash their creativity and get things done without spending hours sitting in front of a large monitor.** As a result, work gets done in less time and with less effort. And because everything runs from the cloud, content is available anywhere, across multiple devices, allowing for seamless transitions between fixed and mobile environments.

Almost half of all companies globally report that at least 50% of their knowledge workers work remotely—and they expect that number to grow. But nearly 75% of employees lack the proper technology to effectively perform their jobs on the go.

More than a quarter of IT decision-makers say that supporting remote workers is the top priority for their organization in the coming year.

The Benefits of Remote Work



Greater access to talent



Increased productivity



Reduced costs



Greater employee flexibility and happiness



Lower employee turnover



Enhanced inclusivity



Improved business continuity



Digital Pens Make It Easy to Write, Sketch, and Annotate on the Go

Digital pens offer mobile users an intuitive and precise tool for writing, sketching, and signing, enabling on-the-go notes, document mark-ups, and design work. By combining the traditional comfort of pen on paper with digital capabilities, users can decrease reliance on paper, thus reducing weight and physical clutter.

In many cases, people can be more precise by gripping a digital pen than by pointing with a mouse, creating animated drawings and editing photos, videos, and music at the pixel level. With a variety of virtual tips and a range of colors that can be switched out instantly in any app, digital pens are so versatile, they mimic different types of traditional drawing tools like brushes, pencils, and markers.

With digital pens, users create digital notes that can be easily edited, copied, shared, or backed up. These files are easy to index and search, helping users find specific information later—without having to deal with multiple paper notebooks, post-its, and so on. Because most apps integrate data and work across devices, people have their notes, sketches, and mark-ups available where and when needed.

Digital pens streamline collaboration by eliminating the need to digitize documents. Whether users are annotating patient records or marking up architectural plans, these advanced tools feed documentation directly back to a central system in real time. By circumventing the need to handle antiquated paperwork, users can maintain their focus on core tasks, fostering productivity and efficiency in their daily operations.



Who benefits from digital pens:

- ▶ Knowledge workers
- ▶ Deskless workers
- ▶ Creators
- ▶ Students
- ▶ Educators

Studies indicate that handwriting is correlated to information retention. **Digital writing tools** offer the benefits of this tactile experience while providing superior precision and comfort. Moreover, they digitize notes, making them easier to save, share, and review.



Tablet Keyboard Cases Turn Any Space into a Workspace

Tablet users value the freedom to untether themselves from desks, offices, and other traditional workspaces. For them, the tablet is more than just a device—it's a tool that enables their lifestyle. **However, these users often encounter limitations that impact productivity.** While tablets are powerful, their capabilities can fall short of users' requirements. This is where a keyboard case comes in. Designed to deliver laptop-like productivity without compromising portability or versatility, tablet keyboard cases allow people to use their tablets to accomplish their goals on the go.

Mobile executives and knowledge workers appreciate the small form factor and the portability that helps them carry less and stay productive. They can easily switch from typing and tracking to viewing a video or writing with a digital pen. Students can use keyboard cases to take notes in lecture halls and to study on the go, while creators can use them to edit photos, videos, and other content from anywhere. And all users know that their tablet is always protected from damage and harm.

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What to Look For in a Tablet Keyboard Case:

- ▶ **Versatility:** Multiple ways to interact with the tablet: reading, watching, typing, and writing
- ▶ **Detachable backlit keyboard:** Easy transitions between use modes, no matter the environment
- ▶ **Portability:** Thin and light devices with long battery life for easy travel
- ▶ **All-around Protection:** So users can confidently take their tablets anywhere
- ▶ **Fluidity:** A touchpad offers intuitive control; multi-touch gestures keep users in the flow
- ▶ **Smart connector technology:** Seamless, instant, and secure connectivity, no pairing required
- ▶ **Home for digital pen:** Easy access and storage



Portable Mice and Keyboards Make Mobile Work a Breeze

Portable mice and keyboards are specifically designed to be lightweight and simple to set up. They're ideal for mobile users who regularly move between their own desks and off-site locations. Mice help users avoid having to rely solely on the embedded touchpad, and keyboards give people better posture because they can elevate the laptop screen to eye level, allowing extended hours of comfort while they work, create, and learn at temporary desks.

Look for a portable mouse and keyboard with functionality that is just as good as a desktop model—with the precision, personalized shortcuts, and control that lets users easily work on graphics, documents, spreadsheets, and complex projects while on the go. Wireless connectivity is important, so cables aren't in the way. **Silent keys and clicks allow people to work in public without bothering those around them.**

Having a choice of durable, lightweight, slim designs allows people to select the best mix of features and functionality for their needs while deciding on how much comfort and style they want. Sometimes, functionality will outweigh portability—the key is finding the sweet spot for each user.



Features To Look For:

- ▶ Lightweight and compact
- ▶ Comfortable and quiet
- ▶ Precise and durable
- ▶ Long battery life
- ▶ Cross-device compatible
- ▶ Bluetooth wireless connectivity

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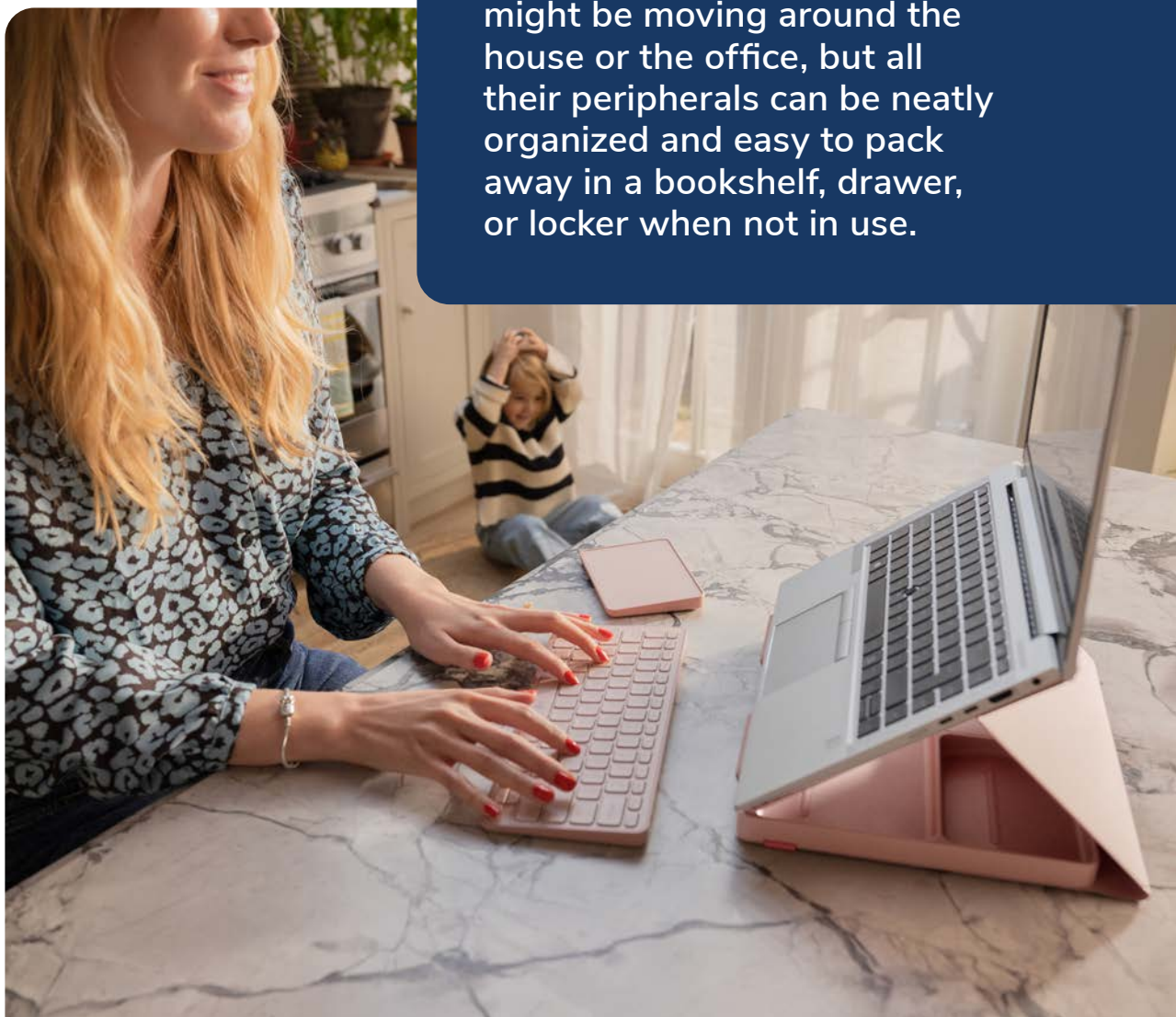


Portable Desk Kits Recreate the Desktop Anywhere

Portable desk kits serve as a one-stop shop for multiple productivity devices, including mice, keyboards, laptop stands, and touchpads. They let mobile users easily recreate the full functionality of a traditional desk from literally anywhere.

Sets that include multiple devices such as portable touchpads, keyboards, laptop stands, and mice bring the functionality and productivity of a traditional desk to different locations. **They provide the flexibility and convenience people need to stay efficient and comfortable while away from their regular workstations.** Portable desks should be easy to set up, pack away, and store, making them an ideal solution for working in unconventional spaces such as coffee shops, coworking locations, different areas of a home, or even outdoors.

Portable desk kits are the perfect option for people who routinely work in hybrid environments. These users might be moving around the house or the office, but all their peripherals can be neatly organized and easy to pack away in a bookshelf, drawer, or locker when not in use.





Portable Presenter Remotes Make Everyone a Better Speaker

Engaging communicators, including salespeople, executives, and professionals, appreciate the value of having a high-quality presentation remote ready in their bags. These tools allow them to express ideas, navigate through slides, play videos, and highlight key points without being tethered to a computer. Top-tier presenter tools are intuitive to use, reduce stress, and enable speakers to focus more on their audience, further enhancing their performance and leading to increased impact and improved business outcomes.

These tools are also useful for people who are presenting online rather than in person. **Many online presenters digitally highlight, magnify, and point to content on the screen to better guide the online audience through the content.** Using a purpose-built remote, instead of mouse clicks or the arrow keys on a keyboard, promotes better posture and body language in front of the webcam, too.



Choose a Presenter Device for Your Specific Needs:

- ▶ Highlight, magnify, and digital laser modes
- ▶ Intuitive, ergonomic design
- ▶ App to customize button functions, monitor battery life, and set timers
- ▶ Extensive operating range
- ▶ Broad compatibility
- ▶ USB and Bluetooth connectivity
- ▶ Fast charging

Look for **presentation devices** that offer an intuitive design, so that speakers can navigate slides and access content without having to look at the remote. That will let them keep their focus where it should be—on their material and their audience.



CASE STUDY: DIGITAL PENS IN EDUCATION

Christie Elementary is home to approximately 650 students in pre-kindergarten through 5th grade in Plano, TX, and prides itself on supporting a diverse student body in a learner-centered environment. The school uses Google Chromebooks and the Kami app, a leading annotation and classroom engagement tool, for activities such as digital notetaking, math assignments, and collaborative science projects. The goal is to enhance students' communication and creativity skills. "Kami levels the playing field by giving every student a voice and allowing their creative juices to flow," says Kaya Jones, a specialist teacher at the school.

But the practical reality was different. With students still developing fine motor skills, mastering digital input was a challenge. Students got frustrated with having to type quickly or write with their fingers on a touchpad, and they would often make mistakes or be unable to express ideas fully.

So, over the course of eight weeks, a group of students at Christie Elementary used the Logitech Pen with the Kami app. The digital pen allowed students to write naturally, just as they would with a regular pen or pencil. They started to draw, write, outline, annotate, and highlight with ease and precision.

Students loved how the pen felt in their hand, how the tip encouraged them to write neatly, and how they could write anywhere on the screen. Educators loved the long battery life, the ability to tap precisely, and the improvements in classroom collaboration. **They also felt that writing with the digital pen helped students retain more information.**

“

My students are more productive now that we are using the digital pens.”

—Kaya Jones PACE Specialist and Gifted Program Teacher





Frost & Sullivan Recommends: Embrace the Untethered Future

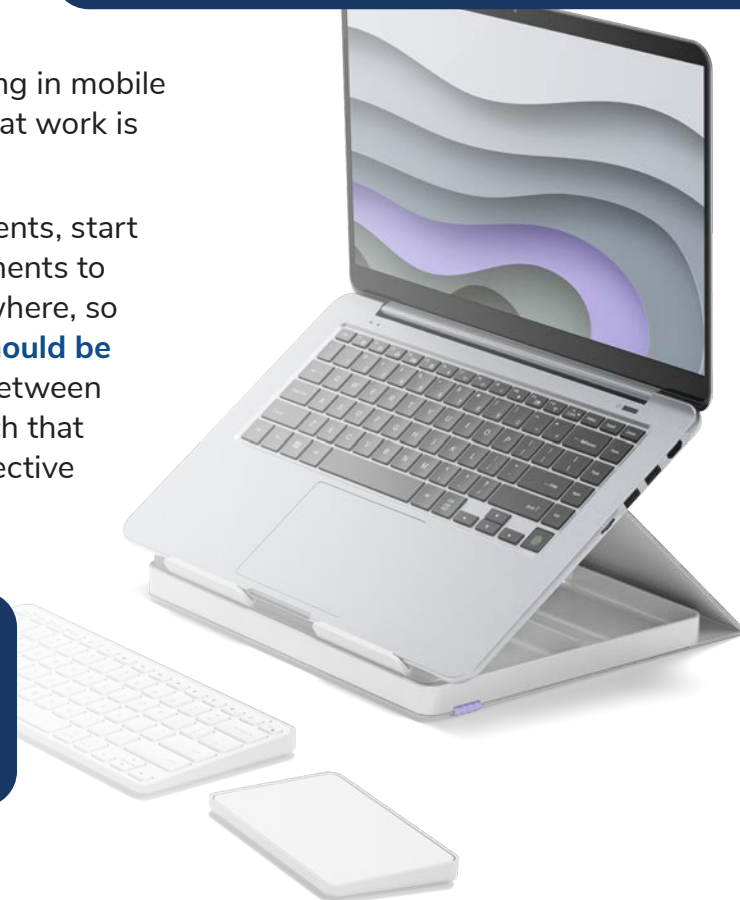
The future is becoming more and more mobile, and users expect to have their devices with them everywhere in order to tackle location-independent work, learning, and creation. Our newly mobile world—bolstered by 5G, AI, and reliable devices—offers a chance to accelerate the ways of working that younger generations demand.

But it's not enough to have permission to work from anywhere. To be successful, motivated, and productive on the go, people need the right tools for the job. Investing in mobile technology that seamlessly connects people, content, and technology will ensure that work is truly creative, inclusive, and engaging.

Whether you're buying mobile technology for yourself, your employees, or your students, start by identifying the tasks that need to get done on the go. Then, match those requirements to the tools that will make it possible to work, collaborate, iterate, and invent from anywhere, so you can support all manner of untethered experiences. **Your chosen technologies should be portable, fluid, and endlessly versatile.** Look for products that can bridge the gap between desk-based and truly remote work. The best vendors take a design-forward approach that focuses on creating purpose-built products with sustainability in mind. And cost-effective solutions mean that everyone who needs these devices can have them.

Consider a vendor that cares about the planet, designs products with sustainability in mind using recycled plastics and responsible packaging, and is certified carbon neutral.

Select a vendor that recognizes that the future is unbound—a world where location-independent work, learning, and creating are the norm rather than the exception.



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