



KONICA MINOLTA

WORKPLACE
OF THE FUTURE™

10 Technologies Driving the Workplace of the Future

innovation





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Read about the **Top 10 Tools** that give you a look into the workplace of the future —and the future of work itself.

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“There’s a way to do it better—**find it.**”

— Thomas Edison

Work is not where you are. Work is what you get done.

Is your company ready for the future? Ready or not, it's here. Technology is making it possible, freeing us from the confines of our desks to work anywhere, at anytime.

A study by the Future Workplace, a research firm specializing in preparing leaders for disruptions in recruiting, development and employee experience, found 76% of respondents believe work is no longer just where you are, it's what you get done. Driving this belief are generational changes in the workplace experience—both physically and in the tools and technologies used. In fact, the study found that 62% think technology must help employees be more productive and collaborate more interactively. That number got us thinking and considering—what are the top 10 tools and technologies that will have the largest effect on productivity?

This eBook will take a look at the Top 10 Tools and give you a look at the workplace of the future—and the future of work itself.



1. Office Management Technologies

Running an Office Made Easy. And More Efficiently.

The Internet has already revolutionized the workplace, but new office management technologies will make the office smarter. Virtual visitor management systems such as ALICE Receptionist and The Receptionist for iPad® offer a range of options for managing visitors to your office—even helping companies save money by forgoing full-time staff to manage the front desk. Meeting scheduling tools, like Teem, are connecting people with the right meeting rooms and resources—keeping meetings on track, increasing collaboration and streamlining how meetings are conducted.

Companies are motivated to invest in smart office technologies, whether it's to modernize their organizations—or attract today's always-connected, more mobile millennial talent.

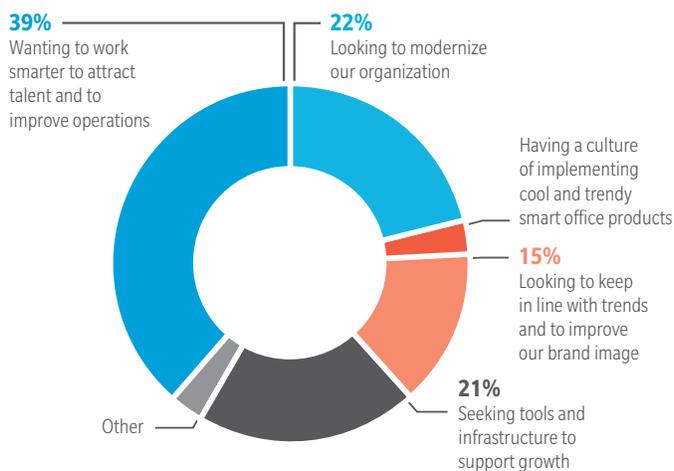
iPad is a registered trademark of Apple Inc., registered in the U.S. and other countries.



2. Internet of Things (IoT)

Connects, Gathers, Anytime, Anywhere.

Described as being the next big wave in technology, the Internet of Things (or IoT) is here. Think about the number of gadgets around us. Smartphones. Smart homes. Wearable devices. We are now at a point where all these machines can actually connect to each other. In the office, this interconnected system can empower your employees to save time and increase productivity. Desktop and mobile devices can connect to appliances, sensors and in and out of the workplace. Consider this scenario. You wake up in the morning and schedule a presentation using your tablet at home. You'll need to print materials for the meeting. Your MFP is low on toner—but fortunately your tech was alerted via his smartphone and fixed the problem in time for your materials to print. When you get to the meeting room, printed copies of your presentation are there. All the audiovisual equipment is set up. The smart coffee machine has brewed coffee. All the gadgets have communicated with each other; the appropriate parties were notified of any problems with equipment; and all your needs were met. The result? You save time on the process and focus on what you need to get done.



Motivation to Invest in Smart Technology



3. Advanced Collaborative Tools

Keeping Everyone on the Same Page.

Real-time collaboration is essential for the workplace of the future. Just imagine: you're based in San Francisco, but your marketing team is in Dallas, and your manufacturing is in Ohio. Not only do you need to make sure everyone is up to speed on your project, but also make sure they have access to the latest files. Advanced Collaborative tools allow you to manage workflow and provide real-time access to important documents—no matter where you are, or what time of day.

Tools such as SharePoint and FileAssist are easy-to-use, cloud-based document management applications that provide a secure place to store, organize and share information from almost any device. You can edit docs and do other smart office tasks together—even if you're in separate workspaces. Telepresence robots, such as Double® 2, give you a presence in the office—even though you're not physically there, allowing you to freely move from office to office, meet face to virtual face, no matter where you actually are present.

Advanced Collaborative Tools are literally redefining the workplace from a geographical place with four walls—to a collaboration of individuals regardless of where they are located.



4. Mobility

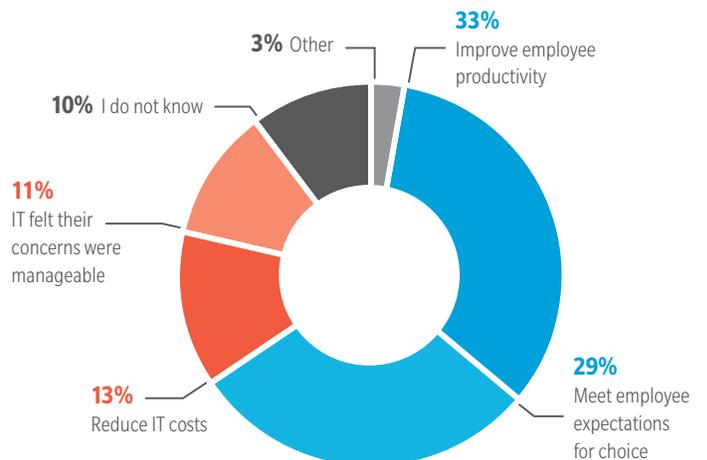
Moving Beyond the Remote Worker.

Recruiting and retaining top talent is a key challenge for many companies. And today's millennial employee desires greater workplace flexibility. Mobility in the future workspace extends to more than a remote workforce. It's about giving all your employees the tools they need to succeed, in whatever environment.

Our smartphones have already become as essential to us as our keys or wallet. That's part of the reason Bring Your Own Device (BYOD) has made significant inroads in the business world. Employees want to use their own laptop, tablet, smartphone, etc., to access privileged company information and applications. By allowing your employees to BYOD, you actually increase productivity while realizing cost savings.

But controlling and scaling mobile usage is critical to your BYOD policy. Imagine the challenge of downloading apps on multiple mobile devices while restricting access to parts of your network? Mobile Device Management allows you to do that easily, managing multiple devices from a single console. Mobile Device Management allows you to update mobile devices remotely, without having to collect everyone's physical device. And it ensures the safety of your network by keeping business data safe.

Distributed Computing is another key area in Mobility. Also known as virtual desktop infrastructure (VDI), it allows companies to run mission critical applications in the Cloud, fully replicating a desktop experience from any device. Access your email, company applications and other vital resources straight from a browser, without needing to update software. All Covered Workspaces, Konica Minolta's Distributed Computing, maintains everything right in our secure Cloud. Any device you use becomes your work computer—without the costs of buying all the applications for every device you work on. You can easily scale to the needs of your business, improving efficiencies, cutting capital expenditures, freeing up IT resources and ensuring the security of your data.



Reasons for BYOD Policy





5. Telepresence/Virtual Reality Augmented Reality



Redefining Collaboration

We've already touched on Double 2, the telepresence robot that helps you collaborate by giving you a presence even when you're not physically at a location. Double 2 can be best described as an iPad on wheels, easily accessed by a remote user with an iPad, smartphone or computer.

But telepresence technologies extend beyond the friendly Double 2. Online meeting and presentation software such as Webex allows you to have a meeting with anyone who has an Internet connection. You can share content from your computer so everyone can see the same document at the same time—even browse the web together.

And the promise of Virtual Reality (VR) and Augmented Reality (AR) will be fully immersive, allowing you to experience movies, games, websites and much more in 3D ways. In business, VR will allow us to show business concepts in more realistic terms. For example, if you are remodeling your office, the architect could actually walk you through and interact with the design the way it will be built, rather than just looking at architectural drawings. A doctor looking for a brain tumor could use VR to not just look inside—but literally travel through their patient's brain to find the exact location of a tumor. This immersive virtual world will open possibilities beyond the imagination for the future workplace.

6. CRM & Business Intelligence

Identifying and Leveraging Key Trends.

Customer Relationship Management (CRM) and Business Intelligence (BI) are sales analytic tools for your business. They help you leverage data that you can use to grow your business.

BI is strategic, giving you intelligence to inform business decisions. It helps take large volumes of data and analyze them into insightful information that you can use to predict future conditions. Market/industry data. Competitor performance. BI is focused on your business as a whole.

CRM is software that provides data and total visibility into your business. It tracks marketing and sales data, reporting on what's working and what's not working. It's consumer-centric, allowing you to execute almost every part of the customer experience—marketing, sales, support. It helps you build better customer relationships through more targeted campaigning. How important is the data you collect? You have complete visibility into your client profiles: when and how they became a client; what they have purchased from you; what they haven't. You can track revenue and ROI—and ultimately make better decisions based on the information you have.



7. Robotics

More Than a Robot.

Robotics have had a profound effect on business for a while now, particularly in manufacturing. But the opportunities are limitless. Robots can aid with remote procedures, such as medical care, or even dangerous situations (including military or underwater ship maintenance). They can also do things we humans simply cannot do—such as carrying items at a warehouse so workers can avoid strain or injury. Drone delivery is a form of robotics automation. Don't be surprised if next time you call for room service, a robot delivers your breakfast and newspaper. Or if robots take over building security, with the ability to scan profiles of employees and visitors.

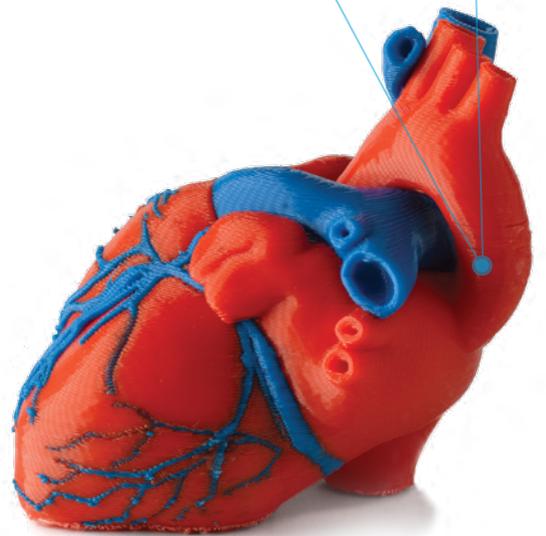
Artificial Intelligence (AI) is essentially robotics—but on steroids. It's role in the workplace of the future is being shaped as we write. AI enabled systems will be everywhere— your home, office, a factory floor. An AI system can comb through massive amounts of data for you, literally working by your side. It's self-learning, meaning it simulates human thought processes as it mines that data. Right now, AI applications can dynamically adjust marketing campaigns based on signals from a target group; and in the future, AI may help doctors predict a heart attack hours or days before a patient feels it.



8. 3D Printing

On-Demand Production is Here.

3D printing has been around since the 1980s, but today 3D is being fully integrated into the smart workplace. Car parts, smartphone cases, fashion accessories have all been printed on 3D printers. Even jet engines are being printed today. Research and technology companies are developing quick prototypes affordably, giving them an edge over their competition. And increasing innovation as employees get more creative. You can actually print out museum pieces from the Smithsonian. And the uses in education are unlimited. As 3D printing continues its rapid growth, it's poised to increase efficiency, boost productivity and impact profits. Konica Minolta has an extensive line of 3D printers that have set the standard for bringing your ideas to life.





9. Digital Ecosystems

Beyond Your Company.

Today, collaborating beyond the boundaries of your company has become essential for creating new growth. And success requires pinpointing partners that will help you establish an effective digital platform. So that you can draw on each other's expertise. And create innovative and complimentary products and services. A digital ecosystem is complementary technologies that make your work life more efficient, collaborative and productive. Supporting intelligent digital ecosystems is the "mesh", the dynamic connection of people, processes, things and services. As the mesh evolves and grows, so does the supporting technology, security and platforms that are interconnected with it.

Our Workplace of the Future™ portfolio of smart unified office solutions is a digital ecosystem come to life, bringing together game-changing technologies and resources that redefine the office of the future—and bring about change to the workplace on a global scale. By placing yourself in the center of a digital ecosystem such as Workplace of the Future, we can share the same business goals—and grow.



10. Advanced Security

At the Core of Today's Technology Environment.

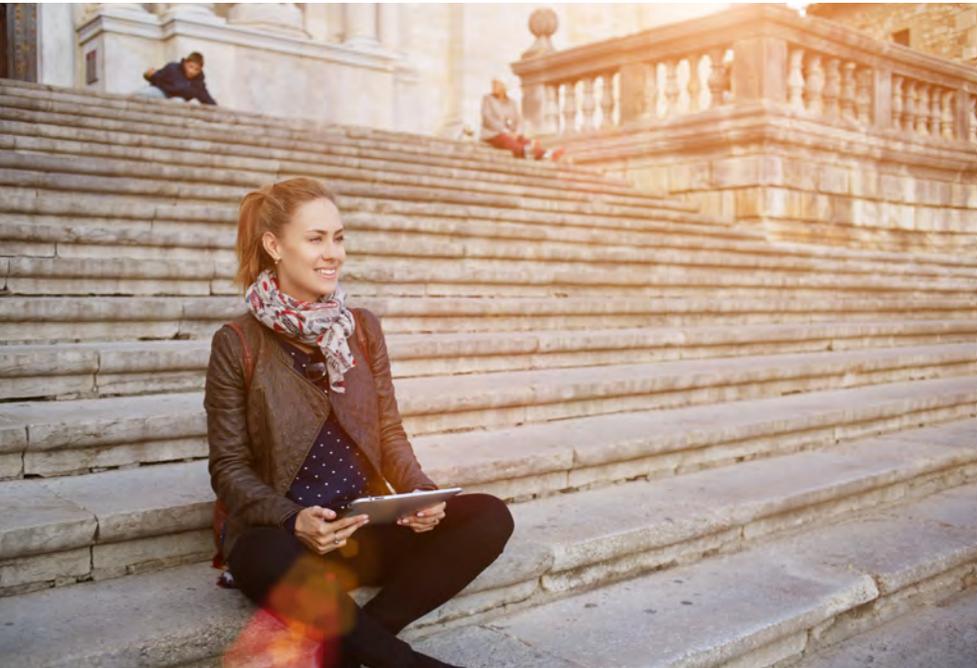
At the center of all of this—BYOD, the Internet of Things, the "mesh", robotics, etc.—is security. Security in this environment is incredibly challenging. Yet paramount. It must be fluid, adaptive and detailed early in the design of any application or IoT or Mobility Solution. Companies must have a comprehensive strategy for security, as today's requirements do not allow for patchwork. Because for all the great opportunity these technologies afford, there is also great risk.

Mobility Management Services help you build and maintain a mobility management strategy from the beginning and keeps your system free from threats, downtime and infrastructure vulnerabilities.

Reshaping—and Building Tomorrow's Workplace.

At Konica Minolta, we are driving innovation and transforming businesses to compete in the 21st century and beyond. The technologies we've covered here are more than "the next big thing." They are key to your company gaining competitive advantages.

In fact, we predict that the companies who survive and flourish in the future will be the ones who employ the smartest use of technology. Our Workplace of the Future smart office solutions will provide you with game-changing technologies ... solution-driven tools ... and an expansive collection of resources that will ensure you forge ahead. Always.



For more information on how we can help you build your Workplace of the Future, please contact your local sales representative or visit reshapework.com

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Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

Information Management

- Enterprise Content Management (ECM)
- Document Management
- Automated Workflow Solutions
- Business Process Automation
- Security and Compliance
- Mobility
- eDiscovery Services

IT Services

- Application Services
- Cloud Services
- IT Security
- Managed IT Services
- IT Consulting & Projects

Technology

- Office Multifunction Business Solutions
- Commercial and Production Printers
- 3D Printers
- Wide Format Printers
- Laptops, Desktops and Computer Hardware
- Servers and Networking Equipment
- Managed Print Services (MPS)
- Managed Enterprise Services



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