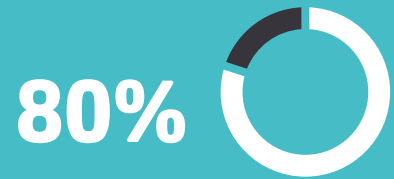# Clinicians & Patients First

HP Healthcare Print Solutions

Empowering a system of care that places you and your patients at the center of the solution.

SMART SOLUTIONS WHERE THEY MATTER MOST

At HP, our healthcare solutions are designed with clinicians and patients at the center of every innovation. We believe technology should feel invisible, so you can focus on the lives and wellness that's in your hands every day. HP Healthcare Print Solutions are purpose-built for clinical settings, created to ease clinician burnout, and empower your focus on patient outcomes.

80%
of care providers surveyed say they're at capacity or overextended.[1]

Empowering
Wellness

Empowering
Care Coordination

Empowering
Security & Privacy

"We spend so much of our day inputting or verifying information on our computers in our EMR or other systems. It often feels like most of our work involves meeting regulatory requirements as opposed to actually caring for patients. This can lead to a lot of stress and, ultimately, burnout."

-Brenda Smith, Director of Perioperative Services at the University of Pittsburgh Medical Center (UPMC)
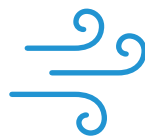
DESIGNED FOR HEALTHCARE FOR TODAY AND TOMORROW

HP can help you meet the challenges of patient and clinician safety head-on. HP Healthcare Edition Printers are disinfectable[1] and sterilizable,[2] help enable positive patient identification from triage to discharge, and are certified to help reduce the risk of electromagnetic interference with sensitive medical equipment.

Disinfectable and Sterilizable

HP and Zebra device surfaces are tested to withstand repetitive disinfection with bleach and hydrogen peroxide industry-standard wipes without damaging the surfaces. And HP Healthcare Edition Printers include removable silicon covers for high-touch areas, which can be autoclave sterilized up to 200 cycles.

Breathe Easy

Original HP Ink cartridges are designed to follow strict indoor air quality criteria. They are designed to help prevent exposure to elevated levels of emissions.[3]

Electromagnetic Interference Mitigation

HP Healthcare Edition Printers can be used close to patients and in shared areas with sensitive medical equipment. They are EN/IEC 60601-1-2 medical-grade certified to meet international emissions standards for EMI.[4]

HP Healthcare Edition Printers are tested to withstand up to 10,000 wipes.

WORKFLOWS THAT WORK FOR YOU

Our mission is to reduce care provider burnout. HP Healthcare Print Solutions are designed for clinical efficiency and streamlined care coordination so clinicians can get back to what matters most: patient care.

EMR-integrated solutions help digitize workflows. The result is intelligent data and meaningful information that can drive enhanced care coordination, decision-making, and communication with your patients and colleagues.

25%

Physicians spend 25% of their time doing paperwork.[5]

Single Sign-On Simplicity

Leverage your employee identity badge for more secure, tap-in/tap-out sign on. No complex passwords, no manually mapped print devices, and no wasted time.

Mobility

Using the HP Advance mobile app on Zebra's point of care TC52-HC handheld touch computer, providers can walk up to any HP Healthcare Edition MFP, authenticate with the mobile device, and release critical patient documents.

Auto Digitize to the Cloud

Send and receive patient information with enhanced security using HP Workpath's cloud-based Biscom for Healthcare. Documents are automatically digitized directly into your EMR or DMS, and are indexed, searchable, viewable, and trackable.

"When you are being pulled in a million different directions—with call lights going off or patients who need immediate assistance—you may end up not following protocol. And, unfortunately, not doing so can lead to patient misidentification and consequent problems."

— Sherri Hess, RN, Chief Nursing Informatics Officer, Banner Health

HELP PROTECT PATIENT PRIVACY

82%

of healthcare organizations have faced cyberattacks.[6]

Any healthcare organization—and especially its printer fleet—is a prime target for cybercrime. HP Healthcare Print Solutions offer the industry's strongest built-in security designed to help protect patient privacy and help prevent security breaches. And only HP printers automatically self-heal from attacks, so IT doesn't need to intervene. HP's exclusive offering of Zebra Technologies through Managed Print Services enables efficient fleet management and workflow security integration.

Managed Access

HP and TROY's partnership enables optimized microprint output, reducing fraud at its source. Tamper-resistant prescriptions are an essential line of defense in the battle against the opioid crisis.

Security and Services

HP provides the world's most secure PCs and printing solutions to protect patient privacy and business-critical data. All are offered as a service, and can include security consulting, secured cloud, and protection for HP and Zebra devices.

Positive Patient ID

HP and Zebra solutions empower clinicians to better manage positive patient identification through integrated color patient ID wristbands, trackable specimen labels on demand via RFID location services, and point of care identification solutions for patients.

70X Clinicians, on average, log into IT systems 70x per day.[7]

SECURITY IS IN OUR DNA

More than 200 embedded security features[8] help protect patient privacy and help secure business-critical data in transit over the network and stored on the device—keys, passwords, certificates, and more.

600%

Cyberthreat indicators have increased 600% since the start of the pandemic.[9]

Sure Start

Checks printer operating code and repairs it from attacks.

Connection Inspector

Examines network connections to stop suspicious requests and thwart malware.

Run-time Intrusion Detection

Helps protect printers while they're powered on and connected to the network.

Managed Print Cloud Services (MPCS)

Security continued through Managed Print Cloud Services can address management, monitoring, and reporting of security events.

Security Manager

Reduces exposure by implementing device policies for asset and configuration management.

WebJetAdmin

Monitors device state and provides a platform for configuration management.

At $408 per record, the healthcare industry has the highest per-capita data breach cost—nearly twice that of financial organizations[10]

HP Healthcare Solutions is a partner for clinicians with a dedicated focus on empowering safer environments, better workflows, and the highest privacy and security platforms. With HP, clinicians can create patient centered care coordination that empowers the best possible outcomes. Learn more at hp.com/go/healthcareprint.

Sources

1. **2018 Survey of American's Physicians, Practice Patterns and Perspectives**. Survey conducted on behalf of The Physicians Foundation by Merritt Hawkins. Completed September, 2018. Copyright 2018, The PhysiciansFoundation, **www.physiciansfoundation.org**

2. Tested on select Healthcare Edition platforms available in Spring 2020 including HP Color LaserJet Managed Flow MFPs, HP PageWide Color Managed Flow MFPs and HP LaserJet Managed Flow MFPs. Solutions tested as of September 2019. Chemical composition is subject to change. Tested to simulate up to 10,000 wipes with germicidal towelettes on Control Panel and Keyboard over a 3-year period. See user guide for cleaning instructions. Repeated use of these germicidal wipes may cause some cosmetic changes to the product.

3. HP Healthcare Edition for Print devices are equipped with at least one set of sterilizable, sanitizable drapes (made of VMQ silicone). In addition to the cleaning and disinfection guidance previously detailed, these drapes can be removed, immersed in soap and water or a recommended disinfectant solution (please refer to recommended Healthcare Edition for Print cleaning formulas in the user guide). For further sterilization purposes, these drapes can be exposed to Hydrogen Peroxide Vapour (HPV). Also, the drapes are sterilizable in an autoclave or thermo disinfector at temperatures up to 134 ºC (270 ºF). HP recommends that the drapes be replaced after 200 sterilization cycles in an autoclave. Please contact your HP representative for replacement drapes when necessary. Approved and tested cleaning and disinfectant formulas for VMQ silicon-based drapes covering surfaces for HP Healthcare Edition for Print include: Chlorine based, up to 100,000 ppm (10%) bleach content; Formaldehyde based, up to 370,000 ppm (37%) formaldehyde content; Oxidizing, such as Hydrogen Peroxide, up to 30,000 (3%) ppm content; Quaternary Ammonium, up to 20,000 ppm (2%) content. Customers may experience some visible changes to cosmetic finishes over time as a result of these cleaning techniques.

3. An HP printing system consists of HP printer, paper and Original HP supply. Blue Angel DE-UZ 205 emissions criteria or earlier versions of criteria applicable when printing system launched.

4. HP Healthcare Edition MFPs are EN/IEC 60601-1-2 certified. They are general-purpose printing and multi-function printing devices and are not intended for use in diagnosis, disease, or other medical conditions.

5. 2018 Survey of American's Physicians, Practice Patterns and Perspectives. Survey conducted on behalf of The Physicians Foundation by Merritt Hawkins. Completed September, 2018. Copyright 2018, The PhysiciansFoundation, **www.physiciansfoundation.org**

6. CyberMaxx, "**The future of cybersecurity in healthcare**," eBook January 2020

7. Imprivata, Enterprise Single Sign-On & Password Management, 2014

8. Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at **hp.com/go/printsecurity**.

9. CISOMAG, "How Coronavirus is impacting cyberspace," March 2020.

10. Ponemon 2018 Cost of a Data Breach Study, sponsored by IBM

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