

## HEWLETT PACKARD ENTERPRISE COVID-19 RESPONSE

*Around the world, the COVID-19 pandemic is challenging families, businesses and communities. As a company whose purpose is to advance the way people live and work, Hewlett Packard Enterprise is responding with initiatives to stabilize communities, support for customers tackling the challenges of this pandemic, and technology to help organizations adapt to this unprecedented situation.*

**HPE is proud to be a force for good in even the most trying of times. Philanthropic and community-based initiatives we've launched include the following:**

- **HPE Gives Global Matching Campaign:** A dollar-for-dollar matching campaign to provide HPE team members with the opportunity to make financial donations to support the **COVID-19 Solidarity Response Fund** and UNICEF's global efforts to provide continuous education, healthcare, sanitation, and community engagement.
- **HPE Gives Bay Area Matching Campaign:** A dollar-for-dollar matching campaign for HPE team members to contribute to the regional response in the Bay Area. Funds support the **COVID-19 Coronavirus Emergency Funds** held at the Silicon Valley Community Foundation, which will help local low-income individuals and families, non-profit organizations, and small businesses whose employees are most at risk for diminished or lost wages.
- **Silicon Valley Strong:** HPE Foundation donated funds to the **Silicon Valley Strong** fund, a community response to COVID-19 in our HQ's hometown, and is additionally matching employee donations to the fund dollar-for-dollar through HPE Gives.
- **HPE Aruba \$50 Million In-Kind Donation to Expand Healthcare Capacity:** Recognizing that hospitals and first responders are faced with the need for additional networking infrastructure to augment capacity, we are donating **\$50 million worth of secure connectivity kits** to provision pop-up clinics, testing sites and temporary hospital facilities in the United States, Canada and select countries in Europe and Asia-Pacific.
- **HPE Aruba Airheads Volunteer Corps:** To help healthcare organizations get set up quickly, HPE Aruba has created the **Airheads Volunteer Corps**, a registry of volunteer network engineers ready to assist in the build out of network infrastructures for medical facilities on the front lines of dealing with this pandemic. Almost 200 engineers spanning more than 20 countries signed up in the first 48 hours after the initiative launched.
- **HPE Aruba UXI In-Kind Donations to California Hospitals:** To help alleviate pressures on networks and streamline management, HPE Aruba is donating **User Experience Insight (UXI)** technology to Stanford Health, Lucile Packard Children's Hospital, and California Department of State Hospitals so they can remotely access and monitor overtaxed wireless networks and troubleshoot issues remotely.
- **Supporting Hospitals in Italy:** HPE team members in Italy have already raised approximately 70,000 Euros to buy needed equipment for local hospitals, with HPE Italy matching their donations.
- **NetHope COVID-19 Database:** HPE Foundation has provided funding to our partner **NetHope** to support the development of a database for their member organizations, which includes some of the largest humanitarian organizations in the world, to collect COVID-19 related needs across membership and share best practices.
- **Distance Learning:** HPE is working with our partner, **Curated Pathways to Innovation**, to provide their AI & machine-learning personalized learning platform to select schools to assist with distance learning. We will be

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making Cyber Squad, an interactive cybersecurity-learning game, available for public use. Tech nonprofits that we support through **HPE Accelerating Impact** are stepping up in the new learning environment, including:

- **Learning Equality** is providing resources for instances where uninterrupted online learning isn't possible.
  - **CommonLit**, a free online reading program, is adding resources and virtual learning webinars to help schools.
  - **CareerVillage**, an online crowdsourced career advice platform, is ramping up its efforts as students and professionals both move online, including HPE's employees, some of whom have committed more volunteer time to advising CareerVillage students.
- **Virtual Volunteerism:** Beyond CareerVillage, HPE has further provided team members with resources and suggestions of virtual volunteering opportunities in response to COVID-19. HPE provides team members with 60 hours of paid volunteer time off (VTO) per year.

**HPE technology and teams are being called in to help organizations tackle the challenges of COVID-19. Following are examples of ways HPE is delivering for customers and stakeholders in bold ways:**

- **HPE Financial Services (HPEFS)** is **designating more than \$2 billion in financing** specifically to help customers with their financial challenges stemming from the COVID-19 crisis, including cash-flow or liquidity issues. HPEFS is also introducing initiatives including a Payment Relief Program to help customers acquire new technology and alleviate some of the financial strain as they navigate this uncertain climate.
- **Vancouver Clinic** in Washington relies on **HPE Aruba's edge architecture** to **ensure their networks can support increased demand** and critical care capabilities like telemedicine. Aruba Remote Access Points have seen a double-digit increase in demand because they allow organizations to extend their network and corporate resources to workers at home with secure, seamless connectivity.
- In Italy, our HPE Aruba team **stepped up to help Grandi Navi Veloci (GNV)**, a ferry company that has converted a ferry into a floating hospital. In less than one week, our Aruba team, together with partner Mantero Sistemi, worked overtime to install **Aruba Wi-Fi** on the ship so it can support as many as 400 patients.
- One of the largest banks in the United States activated their business continuity plan for COVID-19 and determined they would need 40,000 laptops to move to full remote working protocol. The **HPE Financial Services** asset management team, which refurbishes a wide range of IT assets at end of use, was able to quickly provide most laptops, sourced from the bank's recent lease returns and HPEFS pre-owned stock.
- HPE is supporting important work at some of the world's leading research centers, including the U.S. Department of Energy's Argonne National Laboratory and Oak Ridge National Laboratory. Our **high-performance computing** solutions are enabling them to run simulations involving complex data and deep learning workloads to better understand the new COVID-19 strain and develop drug treatments.
- We are proud to support critical COVID-19 research by partnering with the White House in a **COVID-19 High Performance Computing consortium**. We will join the U.S. Department of Energy and other industry and academic organizations to provide supercomputing software and applications expertise free of charge to help researchers port, run, and optimize essential applications to combat this pandemic.

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- HPE is participating in a **technology “SWAT Team”** that New York Governor Andrew Cuomo has asked to advise and support the state’s response to COVID-19. Leaders from our Hybrid IT and Aruba businesses in the state are serving as on-the-ground leaders for the project, and we are providing pro-bono expertise to add greater capacity, scale and speed to the state’s response.
- HPE Artificial Intelligence (AI) experts are collaborating to support the **COVID-19 Open Research Dataset**. They are expecting to develop AI tools to mine data across thousands of scholarly articles related to COVID-19 and related coronaviruses to help the medical community develop answers to high-priority scientific questions.

### **HPE solutions are helping customers with the challenges facing their operations as they adapt to this unprecedented situation:**

- **Enabling secure and productive operations in distributed and remote locations**
  - *Work from home solutions*, including:
    - Access to corporate resources through HPE Aruba solutions, including IAP-VPN for single client solutions or Remote Access Points (RAPs) for multiple clients. This can also be a solution for virtual call centers.
    - A portfolio of solutions for remote access through Virtual Desktop Infrastructure (VDI) that can be implemented quickly and scaled rapidly.
  - *Virtual learning* offers anytime, anywhere eLearning on HPE technology, in addition to industry topics and personal development skills.
  - *Solutions for SMB*, such as ProLiant MicroServer Gen10 Plus, a small office solution that includes Aruba Instant On Wi-Fi access points for wireless connectivity and HPE RDX removable disk system for storage, backup, and recovery.
  - *Remote productivity* expertise provided by HPE Pointnext Services, which offers advisory, professional, and operational services to help organizations adapt their technology and workforce to new ways of working.
- **Accelerating research to understand, prevent and cure COVID-19**
  - *Cryo-electron microscopy (cryo-EM)* is a breakthrough technology with the power to shorten the time to drug discovery and development. It dramatically speeds the process of providing ever-sharper images of protein structures, in 3D, at near-atomic resolution.
  - *HPE’s integrated HPE Apollo compute and storage* systems remove bottlenecks when moving data from the microscope to analytics thanks to faster data transfer technologies, optimized storage, and better integration of compute, storage, and analysis functions within the system.
- **Managing cash flow and maintaining business operations and continuity**
  - *HPE GreenLake* allows organizations to conserve capital, manage cash flow and align their IT spending with business outcomes by delivering on-premises solutions as a service – enabling organizations to pay for the IT they use.
  - *HPE Financial Services* can help alleviate some of the strain businesses are facing.

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- Defer or reduce expense through payment deferral, enabling customers to delay payments for 90 days, or through the 2020 Payment Relief Program, which reduces initial payments and defers the remainder until next year.
  - Generate cash from assets through HPE Accelerated Migration, which converts existing, owned IT assets into an incremental cash source while still retaining use of the systems.
  - Match payment to use through HPE Adaptable Use Models - Extended Deployment, which allows customers to acquire technology with the ability to configure, test, and stand up systems before paying.
  - Relieve capacity strain or delivery delays with Certified Pre-Owned Technology and the full portfolio of data center equipment “off the shelf” or custom-configured.
  - Rent certified pre-owned HPE technology from three to 12 months.
- **Addressing unique, industry specific challenges**
    - *Healthcare and first responders:* With HPE Pointnext Services and Aruba User Experience Insights, we help hospitals ensure fast, continuous access and optimal user experience on their network. Aruba provides solutions for secure connectivity for remote physicians who need access to patient record systems.
    - *Education:* Aruba can address a majority of schools’ pivot to hosting distance learning between teachers, professors and their students, with seamless, secure access to student records, online educational tools and school resources.

