

Brochure

# HP Technology and Interactive Whiteboard Solutions, Products, and Services

The Region 4 ESC Contract for IT Solutions  
available through National IPA

Contract Number R160203

## The world's most secure PCs and Printers<sup>1,2</sup>

Built-in savings, built-in security—from PCs to printers.



Region 4 Education Service Center Contract

Get protection at every level for your agency. Choose HP PCs to help protect your data, devices, and identity. Features such as biometric security and SmartCards work to keep threats at bay.

Your printer handles sensitive information, which is why HP gives you comprehensive control and allows you to manage security with ease. Safeguard devices, data, and documents with a top-tier suite of HP security features and solutions.

## HP desktops, notebooks, tablets, and workstations



### **HP ProDesk Desktops: Mission critical made simple.**

Value, performance, and expandability for agencies with commercial-class productivity, reliability, security, and manageability needs.



### **HP Notebooks: Built for the ways you work.**

**HP ProBook Notebooks:** Power, style and value to help keep your mobile professionals productive and on the go with the right performance and security features. Configure an HP Pro Notebook PC that answers all your needs, as well as options for fast wireless connectivity.



**HP EliteBooks:** Designed to be sleek, secure, and ideal for collaboration. Powerful manageability features allow you to control your entire fleet of HP Elite PCs, and robust security solutions help protect data, devices, and identities.

### **Tablets, Convertibles, Detachables, 3-in-1: Experience mobility**

HP Mobility provides a full range of devices, accessories, software, and services to grow and transform your company's mobile capabilities. It's a portfolio that has been developed from the ground up for agencies who prioritize security, want to more effectively equip their mobile employees, and value ease of management. Boost your productivity, improve security, and simplify day-to-day IT management with HP Mobility.

### **HP Z Workstations: Equipped to handle the most complex data, designs, and information**

Designed from the inside out to fulfill your needs, HP Z Workstations deliver high performance and reliability with the latest innovation and industry-leading technologies. Performance, innovation, reliability from mobile to the datacenter: your job made easier with HP Z Workstations.

### **HP Thin Clients: Incredibly secure desktop cloud computing**

Go with a leader in cloud computing—HP desktop thin clients are secure and flexible to deliver real results for your virtual computing world.



## Defend your network with printers that are always on guard.

Print security is more than document security. Today's threats require attention to data in-transit and endpoint devices on the network. Only HP offers printers with built-in malware protections plus industry-leading software and services to deploy the industry's strongest print security.<sup>2</sup>

### **HP Color LaserJet Enterprise MFPs**

HP Color LaserJet MFPs with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security.<sup>2</sup> Get up to 39% more pages per color cartridge vs predecessor with Original HP Toner cartridges with JetIntelligence.<sup>3</sup> Spend less time replacing toner with optional high-yield toner cartridges.



### **HP PageWide Enterprise MFPs**

Save up to 40% on your color cost per page, versus laser printers, while printing faster than other color MFPs in their class.<sup>4</sup> So your agency gets high performance without compromise. HP PageWide printer's best-in-class total cost of ownership<sup>5</sup> means you can reallocate precious resources.



### **HP Scanners**

When digitizing large page volumes, dedicated scanning technology can be the best solution. Whether you need a simple system for turning stacks of paper into digital files, or a fully customized document-capture workflow solution, HP has a ScanJet Document Scanner designed to get the job done.

## Protect, detect, and recover

The latest generation of HP Enterprise printing devices are unique in the marketplace, because they offer four key technologies together designed to thwart attackers' efforts and self-heal. These features automatically trigger a reboot in the event of an attack or anomaly.

After a reboot occurs, HP JetAdvantage Security Manager automatically assesses and, if necessary, remediates device security settings to comply with pre-established company policies.<sup>8</sup> There's no need for IT to intervene. Administrators can be notified via Security Information and Event Management (SIEM) tools such as ArcSight.

### **HP Sure Start**

The BIOS is a set of boot instructions used to load fundamental hardware components and initiate the HP FutureSmart firmware of an enterprise-class HP device. HP Sure Start technology works behind the scenes when devices power on—helping to safeguard your printing and imaging device from attack. HP Sure Start validates the integrity of the BIOS at every boot cycle. If a compromised version is discovered, the device restarts using a safe, “golden copy” of the BIOS.

### **Whitelisting**

Enterprise-class HP devices feature FutureSmart firmware. Like a PC's operating system, firmware coordinates hardware functions, runs the control panel, determines what features are available when printing, scanning, or emailing, and provides network security. Compromised firmware could open your device and network to attack. Whitelisting helps ensure only authentic, known-good HP code that has not been tampered with is loaded into memory. If an anomaly is detected, the device reboots to a secure, offline state. It then sends a notice to IT to reload the firmware.

### **Run-time intrusion detection**

HP's run-time intrusion detection helps protect devices while they are operational and connected to the network—right when most attacks occur. This feature checks for anomalies during complex firmware and memory operations. In the event of an intrusion, the device automatically reboots.

### **HP Connection Inspector**

Developed at HP Labs specifically for enterprise printers, HP Connection Inspector<sup>9</sup> helps networked HP printers stay one step ahead of malware attacks. Where many malware detectors need to refer to libraries of known hostile programs or network addresses known to be associated with an attack, HP Connection Inspector focuses on detecting anomalous behaviors and then acts to secure the networked printer even before the malware is confirmed to be present.

By keeping a continuous watch for moments when malware is attempting to make contact with its command and control server, HP Connection Inspector learns what “normal” network traffic looks like. When it detects suspicious activity, the software can immediately go into a protected mode, stopping any further unfamiliar requests and sending a warning to IT administrators. When HP Connection Inspector detects a specific, customer-determined level of malware-like behavior, the technology can also trigger a printer reboot. This initiates a self-healing procedure without IT needing to be involved.

## National IPA—ordering made simple with HP

### Resources and contacts:

#### For product information or quotes

Contact your assigned Inside Sales Representative by calling the HP Welcome Center at 1-800-727-2472 and you will be directed to the first available representative.

#### Technology and Interactive Whiteboard Solutions Products and Services

**Contract number: R16020**

#### For contract questions or escalations contact:

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The National IPA team of tenured certified public procurement professionals, supply chain and cooperative purchasing experts is committed to bringing value to agencies nationwide. Participants may leverage one of the largest pools of purchasing potential, allowing them to receive a combined buying power regardless of their entity's size.

To see the options on the IT Contract available through National IPA and gain access to the price list, please visit the National IPA Store and contract terms and conditions.

#### Learn more at

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#### For Inquires on your order such as changes, status, estimate delivery times or expedites, invoicing, or billing questions

To reach HP Order Management Customer Service Representative (CSR), call one of the toll free numbers below and following the prompts (Option 2).

**1.800.727.2472, Option 2, Option 2, Pin 1093**

**1.888.202.4682, Option 2, Pin 1093**

**1.800.888.3224, Option 2, Pin 1093**



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1. "World's most secure PCs" claim is based on HP's unique and comprehensive security capabilities at no additional cost among vendors with >1M unit annual sales as of November 2016 on HP Elite PCs with 7th Gen Intel® Core® Processors, Intel® integrated graphics, and Intel® WLAN.
2. Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information: [hp.com/go/printersecurityclaims](http://hp.com/go/printersecurityclaims).
3. More pages versus predecessor cartridges claim based on page-yield comparison of HP 653X High Yield Color Original LaserJet Toner Cartridges with HP 657X High Yield Color Original LaserJet Toner Cartridges. For more information, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies).
4. 40% lower color cost-per-page compared with color lasers: Comparison of HP PageWide Pro and Enterprise class devices, not sold under contract, with the majority of in-class color laser MFPs < \$3000 USD, and color laser printers < \$1249 USD as of November 2016; market share as reported by IDC as of Q2 2016. Cost per page (CPP) reported by gap Intelligence Pricing & Promotions report Oct 2016, comparisons for all supplies are based on published specifications of the manufacturers' highest-capacity cartridges and page yield. Average yield based on ISO/IEC 24711 and continuous printing. Actual yield varies based on content of printed pages and other factors. For details see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).
5. TCO comparison based on 90,000 pages for PageWide Pro and 150,000 pages for PageWide Enterprise; manufacturers' published specs for page yields and energy use; MSRP for hardware and supplies; and cost per page based on ISO yield with continuous printing in default mode with highest-capacity cartridges. Comparisons are to color business printers and MFPs \$300-\$1000 as of Sept 2015 and color business A4 MFPs \$500-\$3000 as of Nov. 2015, excluding products with 1% or lower market share as reported by IDC as of Q3 2015. More at [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies).

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