VMWARE AND SAMSUNG TEAM UP TO DELIVER DIGITAL WORKSPACE TRANSFORMATION

Advancements such as digital workspaces and cloud technologies are reshaping our work environments to become highly mobile and always connected. Accordingly, enterprises demand innovation to enable workers to have secure, simple access to business apps and data on devices that meet business requirements. VMware® and Samsung are constantly expanding their collaboration to address these evolving needs since 2011, when they formed a partnership in enterprise mobility.

Building effective joint solutions for workplace transformation means solving a number of interlocking technology challenges. These include balancing access to digital resources with security and efficient management. Success requires fusing the best of Samsung's hardware and device software with a selection of VMware solutions to enable seamless mobile user experiences with the widest possible variety of applications and data sources.

AT A GLANCE

VMware and Samsung have joint solutions that enable enterprises to transform their workplaces to be more productive, secure, and cost effective. Together, VMware and Samsung technologies provide seamless and unified work environments for users and IT.

KEY HIGHLIGHTS

• Remote access to virtualized Windows desktops and legacy applications through a secure, managed Android device

• Ease of use, including single sign-on (SSO) to apps and one-click switching from mobile OS to desktop environment

• UEM, combined with Samsung devices, provides security that mitigates threats across the device, network, data, applications, cloud, and on-premises infrastructure

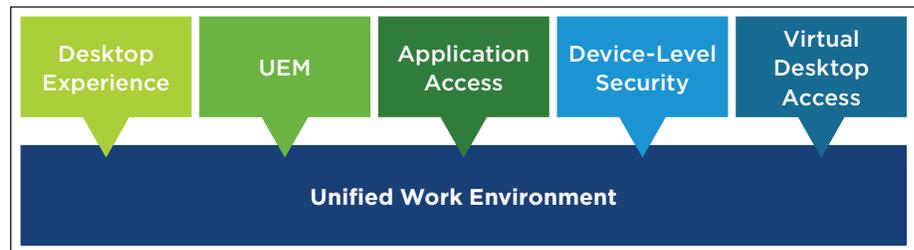| Desktop Experience	UEM	Application Access	Device-Level Security	Virtual Desktop Access
Unified Work Environment				

Figure 1. Successfully transforming the digital workspace requires innovation along multiple fronts. All must work well together in order for a unified work environment to function.

Transformation Through a Digital Workspace

VMware and Samsung together create a unified work environment for users. They also provide efficient management for IT, with joint innovations that enable app and virtual desktop access on mobile devices with enterprise-grade security from the device to the network. VMware Workspace ONE®, powered by VMware AirWatch® technology, unifies endpoint management to secure Samsung devices from a single location. It makes streamlined access to business-critical apps and virtual desktops possible. Samsung provides multiple form factors with Samsung Knox, which enables government-grade security starting at the hardware level of the device. Users can access their digital workspaces anywhere and anytime from mobile devices, whether they use native mobile apps on the road or Windows desktops within the firewall.

End user convenience is matched by extensive but granular security controls and cost-effective mobile platform management. IT can easily and securely provision, deploy, and manage users' unified environments from the Workspace ONE unified endpoint management (UEM) console.
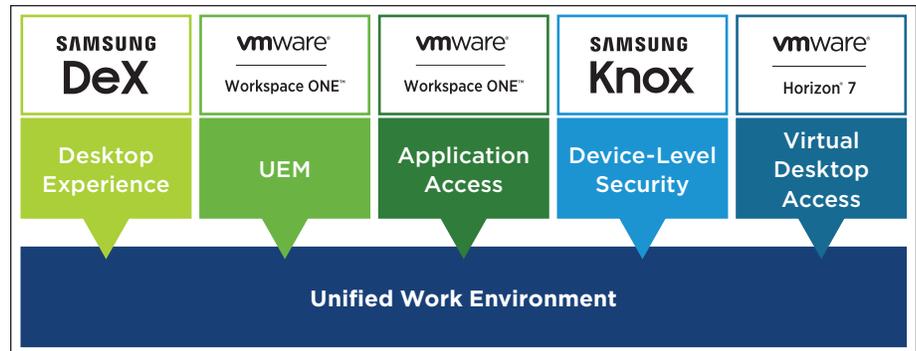
Figure 2. VMware and Samsung joint solutions unify the technologies required for seamless mobile work to deliver a unified work experience.

Example: Secure and Flexible "Work Anywhere" Capabilities

Starting out of the box, a user can turn on their brand new Samsung smartphone and it will automatically start configuring with apps and policies once it's connected to a network. Working together, Knox Mobile Enrollment enables this seamless experience and Workspace ONE deploys the work–critical apps and policies to the devices. When the user is on the go, they can connect their mobile device (including the new Tab S4) to a monitor and the device instantly launches DeX mode. From Galaxy Note 9, DeX can be turned on by USB-C/HDMI dongle. Along with the full monitor, the user can connect a physical keyboard and mouse. Alternatively, the device can function as a touchpad mouse or screen keypad. The user can achieve ultimate productivity with all their business apps in full screen or side by side for multi-tasking without carrying multiple devices or switching from one to the other. Workspace ONE and VMware Horizon® are integrated with DeX and Knox Platform for Enterprise to enable the user with secure access to Windows desktops on their Android phone. The user can SSO into any app for instant, seamless authentication. For greater security and granular management, integration of Samsung E-FOTA (Enterprise Firmware Over-the-Air) and Workspace ONE allows IT to manage and restrict firmware updates for complete device lifecycle management. With E-FOTA, IT is able to test internal apps for compatibility and security before pushing updates to devices. Together, VMware and Samsung enable robust security and user productivity from configuration, to provisioning and deployment, to deprovisioning.

"VMware's expertise in enterprise software solutions, coupled with Samsung's award-winning security hardware and solutions, elevate the quality of options we give to our enterprise customers."

RAM MOTIPALLY
SR. DIRECTOR
SAMSUNG ELECTRONICS

JOINT SOLUTION BENEFITS

• Productivity gain from easy and seamless work access in a single device

• Cost savings from consolidated hardware and simplified endpoint management

• End–to–end security from network, hardware, application, and data

UNIFY MOBILE AND DESKTOP

• Samsung DeX

• VMware Horizon

• VMware Workspace ONE

SECURITY AND MANAGEMENT

• VMware Workspace ONE

• Samsung Knox Platform for Enterprise

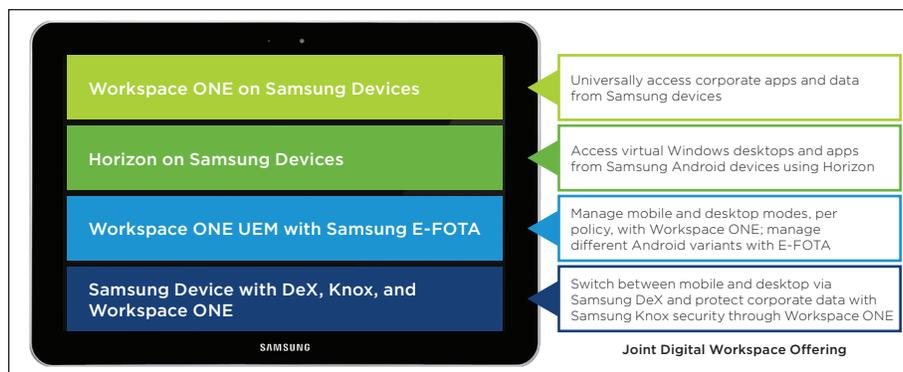• Samsung E-FOTA

• Knox Mobile Enrollment

Figure 3. Reference architecture for joint solutions. Samsung DeX enabled devices provide PC/mobile unified workplace from single device; VMware solutions provide access to corporate apps and Windows desktop anywhere and anytime; Workspace ONE enables secure and streamlined management.

Joint Solution Elements

Workspace ONE and Samsung Knox Platform for Enterprise

Receive next-level security and management with Samsung's Knox Platform for Enterprise and Workspace ONE. Samsung has added a set of advanced security and management features, deployed by Workspace ONE, to the underlying Knox platform for companies that require higher security standards.

Workspace ONE and Samsung E-FOTA

From the Workspace ONE UEM console, control when OS updates are made on employees' Samsung devices. Manage a single version of the OS within the enterprise. Test new firmware to understand its impact before deployment.

Workspace ONE and Knox Mobile Enrollment

Simplify device provisioning, enabling IT to bulk enroll and configure multiple devices simultaneously.

Workspace ONE, Horizon, and Samsung DeX

Unify the Samsung Galaxy mobile experience with the user's Windows desktop experience, enhancing productivity from anywhere and saving cost from consolidated hardware.

For More Information On VMware And Samsung Joint Solutions

Visit https://www.vmware.com/company/contact_sales.html or contact your VMware representative.