

Digital Transformation Success with Android

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Overview

Digital transformation success depends on three factors; employees, business operations and IT management process. Success depends on all three of these aspects. For businesses to transform how their workers do their jobs with mobility, they must address key challenges around mobile computing risk, device capabilities, and form-factor selection, as well as the underlying provisioning and management of mobile end-user technology.

To help enable digital transformation, there are three pillars of enterprise mobile technology that organizations must consider when selecting a mobile platform. These are:

- » Overall security
- » Solution breadth
- » IT management capabilities balanced with user experience

IDC sees Android as a strategic platform that addresses each pillar with a secure mobile OS, a diverse ecosystem of OEM and software partners, and underlying management capabilities around devices, applications and balanced user/corporate experience.

IDC recommends that enterprises consider Android as they take on each pillar of enterprise mobility technology adoption within the context of their own employee base, IT infrastructure, and digital transformation ambitions.

Pillar 1 – Mobile Security

The most challenging aspect of supporting an always-connected, on-the-move workforce is securing mobile users' data and overall device usage activities. Poor security and support for mobile devices can leave businesses exposed to a range of breaches and intrusions. This makes trust a critical factor when choosing a mobile operating system and platform to deploy for a workforce, especially at a larger scale. To that end, Android has inherent security strengths built into the platform, coupled with powerful vulnerability and malicious app discovery cloud-based services (such as Verify Apps and Google Play Protect). IDC believes the Android OS, with its array of device-level and platform-based security safeguards, can meet enterprise security requirements for mobility across a wide range of use cases and deployment scenarios.

Pillar 2 – Solution Breadth

Mobility has undeniably transformed the modern business landscape and continues to drive unprecedented innovation at a global scale. To keep pace and remain competitive in today's markets, enterprises are deploying a host of new mobile devices and solutions to accelerate their business strategies. Now more than ever, the flexibility of the platform and ecosystem that power these devices is a critical consideration for deployment given the complexity of challenges IT must navigate. IDC believes the Android platform not only provides businesses with granular flexibility across broad mobility fronts, but also represents the world's largest variety of mobile devices. The global ubiquity and accessibility of the Android platform allows enterprises to choose from an unparalleled range of devices to provide the right device to the right user, enabling their workers with the tools they need to remain productive, and businesses with the solutions they need to succeed in today's competitive landscape.

Pillar 3 – Balanced IT & User Experience

IT management policies and end-user preference habits have always been at odds. People want to work the way they like and feel most productive. IT is required to ensure corporate data and assets are secure and protected, first and foremost; end-user experience often takes second place to this primary directive. All these issues are exacerbated by mobile technology. The ability for end-users to access corporate data and apps from anywhere, even from personal devices, is a challenge to corporate IT and security. Businesses can less afford to alienate their workforce and make it difficult to draw new talent, than they can allow workers to do whatever they want with business mobile devices and apps. This is where the concept of balance comes in. IDC believes the Android platform and partner ecosystem can provide businesses with the right balance of end-user choice and “freedom,” with the ability to separate personal data from business and ensure the strongest security safeguards and controls are applied to company data and apps.

Message from the Sponsor

To learn more about the three pillars of success for enterprise mobility and how the Android platform addresses each, download the IDC whitepapers at: www.whyandroid-enterprise.com/all



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