BlackBerry UEM + Android

iOS   Android   Windows   macOS

Tailor solutions to your business with Android

Android powers more smartphones in the enterprise than any mobile OS[1] and most organizations around the world are using Android to get work done. Together, BlackBerry UEM and Android allow you to deploy and manage devices securely and consistently across all users in your organization. From corporate owned to employee enabled devices, BlackBerry gives you the ability to support all Android users in your enterprise.

Stronger Together

BlackBerry UEM brings comprehensive Unified Endpoint Management to Android.

The BlackBerry UEM Advantage

BlackBerry UEM offers a rich set of integrations that allow IT to manage any Android device including smartphones, tablets and task specific devices such as wearable computers in a simple consistent manner leveraging the core enterprise features found in the Android platform.

Through the unified endpoint management console, policy control can be enforced across diverse and growing fleets of devices and apps. Coupled with BlackBerry's trusted end-to-end security model, BlackBerry UEM provides the flexibility and security you need to keep your employees connected and protected.

- **Simplified Management:** BlackBerry UEM provides a unified management console designed to simplify IT administration.
- **Full Breadth of Android Configuration and Deployment Options:** BlackBerry UEM provides a comprehensive set of tools to provisionand manage devices and apps using Android enterprise features and services.
- **Networking Enhancements:** BlackBerry Connectivity, powered by BlackBerry's global secure communications infrastructure, securely extends mobile access to work resources located behind the firewall, without the requirement for separate VPN infrastructure.
- **Familiar Environments for Users:** End-users benefit from a familiar and intuitive Android user experience for mobile work applications.

Android: Security Built into the Platform

Android includes security enhancements at the platform layer as well as services that provide assurance and integrity controls to provide protections to the device that are critical to businesses.

Platform Fortification
Within the platform, Android addresses key security needs around data protection by supporting device encryption by default, sandboxing for app isolation, hardware root of trust for device integrity, and exploit mitigation controls.

Services to Assure Integrity
Building on secure core platform enhancements, Android adds service layers to provide additional protections from potentially harmful apps. To accomplish this, Android has built a comprehensive set of services called Google Play Protect designed to scan and detect potential threats and effectively handle them before they can become active risks to devices.

These services include usage of powerful Machine Learning enhanced threat detection engines and local protection on the device from potential threats. The Android security ecosystem also harnesses the expertise of a network of trusted 3rd parties to contribute to coverage of protections.

Configuration and Deployment Options Suited to Your Unique Needs

Configurations Based on Deployment Needs

Businesses can offer access to business critical apps in a variety of ways. Whether businesses choose to deploy corporate owned and managed devices or allow employee owned and enabled scenarios, the core Android platform features allow BlackBerry UEM to deliver a flexible set of options to suit your needs.

For BYOD scenarios where strict separation of work and personal data are required, an Android work profile can be provisioned to create secure partitioning of work and personal apps and data protected at the OS platform layer. With an Android work profile, IT can manage work apps and data entirely independent of end-user personal apps and data.
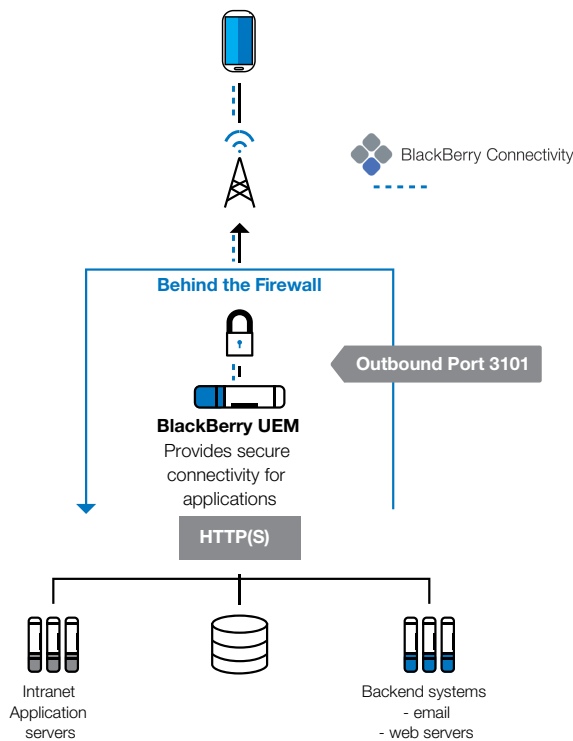
In corporate owned device deployments, BlackBerry UEM can provision an Android work managed device to fully manage and secure corporate assets and deploy Android in line-of-business work settings.

Secure and Deploy Apps using managed Google Play

To support the need for app management and delivery, BlackBerry UEM supports managed Google Play which offers a secure and private app distribution channel built on the trusted and familiar Google Play infrastructure. IT can use managed Google Play to curate and assign apps to end users as well as configure these apps as they are delivered securely to an Android work managed device or Android work profile. Users will enjoy the same easy-to-use interface using managed Google Play as the consumer Google Play app store and gain the same protections delivered through Google Play Protect.

Deployment Options to Scale

Large scale deployments can be a burden to IT without automation and tools to simplify the device and user enrollment process. IT can streamline enrollment by using BlackBerry UEM along with native Android enrollment automation methods such as QR code and zero touch enrollment to reduce time and complexity in deploying and configuring devices for users.

BlackBerry Connectivity

Behind the Firewall

Outbound Port 3101

BlackBerry UEM
Provides secure connectivity for applications

HTTP(S)

Intranet Application servers

Backend systems
- email
- web servers

BlackBerry UEM and Android

BlackBerry Apps

BlackBerry offers a suite of enterprise applications to support critical business functions such as BlackBerry Work, BlackBerry Workspaces, and BBM Enterprise. Businesses can use these apps in Android work profiles or work managed devices and to supplement functionality and distribute and manage these easily and securely. BlackBerry Dynamics gives enterprises the ability to develop secure custom mobile applications that can reside in Android work managed device or work profiles.

Full Support of Android Enterprise Feature Sets to Meet Customer Needs

Businesses can trust BlackBerry UEM to deliver a robust offering of secure and flexible options for Android deployments. Whether to support a knowledge worker population with BYOD devices or secure and manage a locked down fleet of line-of-business corporate assets, BlackBerry UEM will help you secure and manage your Android devices successfully.

For more details visit **www.blackberry.com/enterprise/android**

About BlackBerry

BlackBerry is securing a connected world, delivering innovative solutions across the entire mobile ecosystem and beyond. We secure the world's most sensitive data across all end points – from cars to smartphones – making the mobile-first enterprise vision a reality. Founded in 1984 and based in Waterloo, Ontario, BlackBerry operates offices in North America, Europe, Middle East and Africa, Asia Pacific and Latin America. The Company trades under the ticker symbols "BB" on the Toronto Stock Exchange and "BBRY" on the NASDAQ. For more information, visit www.blackberry.com.