



# Integrating BlackBerry Workspaces Mobility and Control into Enterprise Applications



## Workspaces API and SDK

BlackBerry Workspaces™ enables access, sharing, and control of files and documents. Enterprises utilize those capabilities to build security into their data, allowing them to sync their employee's files across all their devices, control and track documents shared externally, control what happens to documents offline, and collaborate across mobile devices, tablets, and PCs without fear of data leakage.

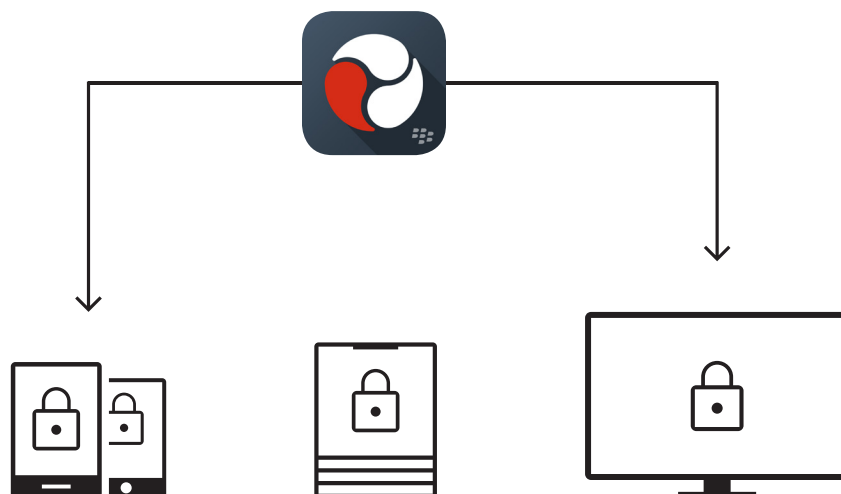
Existing enterprise applications can leverage all of the powerful features found in Workspaces, ensuring the documents generated or stored within these applications can inherit the same usability, mobility, and security controls in Workspaces products. All the functionality of the Workspaces Server and Services is exposed through server side APIs, providing enterprises the ability to quickly build Workspaces features into proprietary applications or off the shelf applications.

In addition to easily integratable server-side functions, the user- friendly Workspaces iOS App, which delivers features like annotations on any document format, secure sharing, and pixel-perfect rendering of all documents and images, can be white-labelled or incorporated into a branded application with other functionality. This option enables IT organizations to build their own branded iPad or iPhone App for their enterprise employees, partners or customers.

### Build Your Own iOS App, Brand Your Own iOS App.

The ability to create a corporate-branded iOS App is a point of pride for many enterprise organizations. Branded apps can help drive user adoption for employees, and reinforce brand awareness and loyalty for customers and partners.

When employee files and collaborative workspaces are available through the same app, it removes the temptation to use shadow IT services like Dropbox that put company data and compliance at risk. As Workspaces can be deployed on premise, even enterprises in highly regulated industries can deliver the productivity and collaboration benefits of file sharing while retaining control of their data across all platforms.



The user friendly and secure Workspaces iOS App available on the iTunes store is also available to enterprise organizations in its most basic form as an iOS SDK. Enterprise organizations can develop their own iOS App by wrapping their own custom branding on the iOS SDK or including other specialized functions such as calendaring or a banking application to build a larger App for employees or customers. Other examples include custom-branded board package Apps and portal systems for external recipients with whom the organization must share sensitive data. Custom iPad Apps for wealth management financial advisors can be provided for them to show financial performance in high fidelity to banking clients. An employee productivity App can even be deployed to incorporate mobile and/or external access to SharePoint libraries.

## Adding Document Control to Back-End Applications

Electronic medical records, monthly fund performance reports, and tax filing documents are often generated through an automated process. However, these documents are by nature quite sensitive and document controls need to be applied whenever they are shared and wherever they travel, especially to mobile devices. A leak of these documents can have a material impact on the organization, including potential fines by regulators or loss of customer trust.

To mitigate this risk, organizations with complex document generation processes and their own customer portals have incorporated Workspaces technologies through the APIs. Available in various forms such as RESTful APIs, Java or C#, all functions associated with the Workspaces solution can be called programmatically.

The power of the Workspaces APIs lie in the fact that all features within Workspaces are available to other applications. The list of integration possibilities is endless – ensuring that the Workspaces solution has complete flexibility to integrate into any application or workflow.

### The Workspaces API can:

1. Programmatically apply or change controls (who can access, what actions are permitted, for how long is the access permitted) to Workspaces protected documents
2. Programmatically update members of a group in a Workspace either by removing or adding users
3. Programmatically obtain the URL to documents within the Workspaces Server or Service and embed the URL into a customer-facing portal
4. Programmatically tag classifications or meta tags to documents when they are protected by Workspaces which can be used for searching or classification purposes
5. Integrate with 3rd party Content Management Systems or customized Customer Relationship Management products to distribute documents externally or access them on mobile devices

## 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](http://www.blackberry.com)