



solution brief

# Ruckus and FileWave Solution

## Introduction

As BYOD and 1:1 programs become more pervasive, and successful, schools are looking for comprehensive mobile management capabilities. In addition to simply getting new users and devices connected to the network, they are being asked to enable email and VPN access. New applications need to be installed while others, such as games or cameras or YouTube may need to be restricted.

Schools need a stable, reliable network to support all these new devices and applications. And since they already have limited IT staff, they require a management solution that integrates the full cycle of onboarding, securing, managing and tracking while handling dramatically more mobile devices of all types.

Ruckus Wi-Fi infrastructure addresses the capacity and performance requirements of BYOD and 1:1 initiatives. Its patented BeamFlex technology constantly optimizes signal strength for each client, delivering higher throughput, broader coverage and reduced interference. Additional features such as ChannelFly, SmartCast and BeamFlex+ further enhance its ability to provide fast, stable connections to many different users over a single AP. Equally important, Ruckus provides a simple, complete BYOD solution that can get new and guest users securely connected to appropriate network resources without any IT support.

FileWave provides a premium MDM solution that leverages and extends the BYOD capabilities provided by Ruckus to enable more complete device and application management capabilities.

# Ruckus and FileWave Solution

## The Ruckus and FileWave Solution

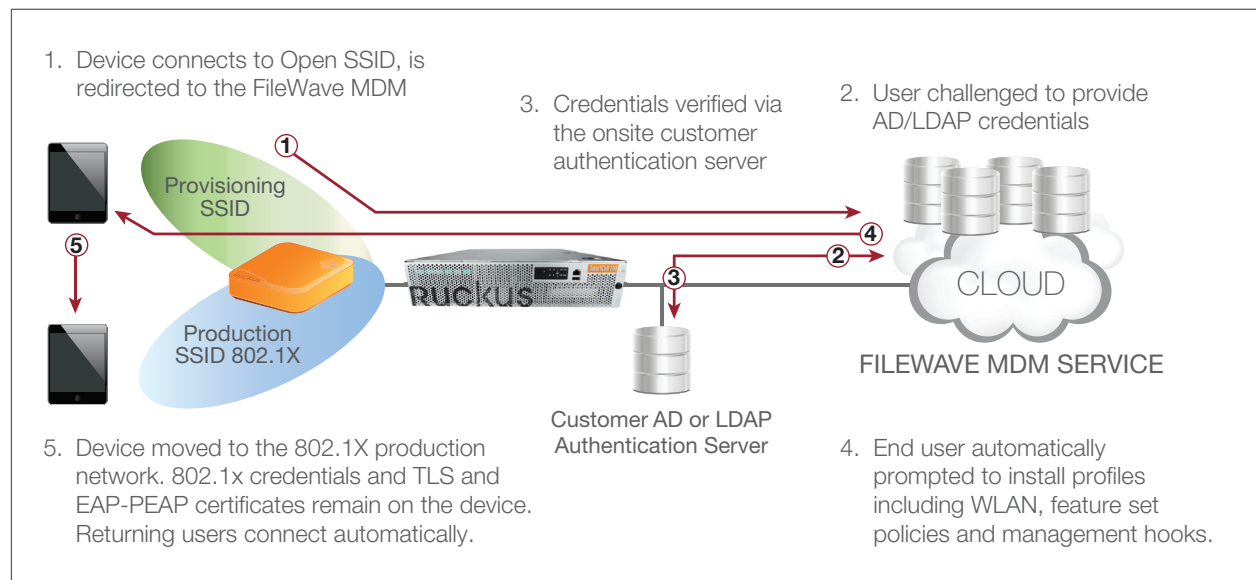
Ruckus and FileWave have developed an integrated solution that delivers seamless, comprehensive management to enable successful mobile initiatives with a minimal level of IT support. Ruckus Wi-Fi infrastructure can enable users to self-register for FileWave managed access, and can enforce that devices are running the FileWave security and application profile when they return to the network. If not, they are re-directed back to the registration portal.

FileWave provides a mobile device and application management capability that provides seamless integration for application and profile deployment, resetting passwords, data protection, remote wipe and inventory reporting.

In FileWave, you can search the App Store and associate specific software to iOS devices, then make these apps available to end-users through an end-user Kiosk or through a managed prompt,

which prompts the user to accept the application. Both methods are device specific, displaying only the apps you have associated to each device or groups that the device is a member of.

Deploying profiles with FileWave is easy. Simply use FileWave's built in profile editor to set Wi-Fi, VPN, and Exchange configurations as well as restrictions to specific applications (YouTube, iMessage, etc) and other functions (Camera, iCloud, etc). Once created, the administrator can associate the profiles to iOS devices or other defined groups based on device type, role or location. Should an end-user un-enroll their device, the Ruckus Wi-Fi infrastructure will automatically move them to the provisioning SSID. The provisioning SSID re-directs the user to the FileWave portal and asks them to re-authenticate and re-install the profile or continue using the Ruckus Guest Access WLAN.



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Applications can be made available to end-users by a Managed prompt, which prompts the user to accept the application or through the FileWave App Kiosk, which allows you to make App Store applications available as optional downloads for users. FileWave provides powerful features to easily deliver application updates to all registered users, and can also limit application availability via an expiration date or to users connected on the appropriate school network.

Ruckus and FileWave provide a complete solution across the entire Mobile Security Cycle. As shown below, FileWave provides incremental security and management capabilities that can leverage Ruckus's BYOD features.

Together, FileWave and Ruckus enable schools and other organizations to provide a highly secure

wireless service that delivers differentiated network services and access levels based on user and device types. Students, faculty and staff each benefit from a simple, intuitive user experience that is fully automated after the initial registration and supports either BYOD or school-owned devices. Classroom activities benefit from all students having needed applications and not having access, while on the school network, to unwanted applications.

Most importantly, these benefits are delivered while reducing the need for IT support. User self-service capabilities and role-based access and application control allow IT staff to set up policies one time and not have to respond to myriad support requests. Automated application updates further reduces IT end user support workload so that they can focus on more critical priorities.

