



# Top 10 Mobile Security Checklist

## Critical Steps to a More Secure Mobile Environment in 2020

The number one issue of interest amongst our customers is always “Mobile Security.” We believe the biggest challenge IT organizations face is that the old security domain is a thing of the past. No longer are there just the clear delineations of strong gates, firewalls and locked down corporate-owned devices. The delicate balance of user experience and security is paramount in achieving better security to fully support the potential of mobility in delivering on an organization’s corporate business goals. This is new territory for many IT and security professionals.

*Below are the Top 10 areas IT organizations need to get right to improve mobile security in 2020.*

1

### Catch Up with the Basics (EMM or MAM Deployment)

If your organization doesn’t have an EMM /MDM or MAM deployment in place – STOP RIGHT HERE! These technologies are a foundational requirement for effective mobile security, so the rest of the conversation is a moot point. So if this applies, you know what your #1 security priority is for 2020.

2

### DEP or AfW Enrollment

A top priority for 2020 is to get enrolled in either Apple’s Device Enrollment Program (DEP) or Google’s Android for Work (AfW) (NOTE: Google is in the process of changing the naming convention of the AfW program but your EMM still refers to it directly). If you have iOS or Android devices, you must utilize DEP or AfW period, end of sentence! When you buy devices you need to immediately enroll them in the appropriate program – it’s one of the biggest things people are doing to make these devices more secure and manageable.

[Click here](#) to get our Perspectives paper on DEP vs. AfW for more information.

3

### Security Integrated into Apps

It’s imperative that IT organizations start thinking about apps in terms of being integrated with whatever you have in place for other security. Cataloguing the security tools that are available is the first step and will be required to achieve effectively integrated security into mobile applications. Successful security is not a bolt-on.

4

### Expanding Your Options for Application Security

Another critical step to improve your mobile security is to expand the ways that you can secure apps. This will include granting access based upon the context the device is in, VPN On-Demand or per app VPN to provide the encryption tunnel that may be needed, and establishing single sign-on. Security options should be selected based on how well they align with the business objectives and user experience.

5

### Single Sign-on (SSO)

Although single sign-on is one of the ways to expand your options for application security, we've highlighted it as a category on its own. The reason is because achieving SSO doesn't just affect mobile security, but is absolutely crucial to making the mobile user experience better. A better user experience is the linchpin to increasing security by minimizing the need for users to work around security to make the usability easy and fluid.

6

### Document Segmentation

Upgrading your approach to document management should also be prioritized on your route to better mobile security - particularly for those organizations going to Office 365. This effort needs to include classifying your most sensitive information as well as information that you don't really need to care about (or spend the money to secure). We strongly advise against trying to go back and do everything ever created, but to start with current content and prioritize only the most sensitive data from your archives.

7

### Identity and Access Segmentation

Incorporating dynamic identity and access management is also paramount in achieving better mobile security - particularly when it includes the move to the Cloud. However, no matter where you are with Cloud-based apps, this step is still a must-do for 2020. The contextual realities of identity and access management must be the foundation - not only identifying who I am, but also who I am during the day should be thought of differently than after hours when I am dialing in from another country or when I am on an unsecured network.

8

### Start with the Outcome in Mind

This sounds like common sense, however when talking about Mobile Security, most organizations immediately start talking technology. This approach is sure to fail. Thus, IT organizations need to flip the discussion with the business outcome in mind. After segmenting your users, segmenting your information, the third and critical piece of your roadmap is to determine your critical use. This step identifies how people are using your critical information to accomplish things - which communications and information offer the greatest risk or benefit. Until you know these things, you don't even know what to work on.

9

### Mobile Threat Detection

Another priority must be addressing mobile threat detection which will include evaluating solutions like Symantec, Wandera, and Lookout to monitor the device and communications around the device. Organizations need better insights into the ever-changing context of the device - not only what's going on in your departments, but also all the environments where a device is in use.

10

### Better Communication

Better security is not all about technology. When it comes to mobility security, there can be a huge gap between better security and the user trust factor. This step is focused on addressing this challenge by planning for more effective communication with your user audience because without it everything you do from a security perspective is going to be seen as an invasion of privacy. The formula for effective communication is grounded in the simple premise of making your users understand what your intentions are for each security measure and what your intentions are NOT - then listening to and addressing the feedback.

**How we  
can help.**

Contact us to schedule a consultation with one of our mobile security consultants to evaluate your state of readiness for improving your mobile security in 2020 at [info@voxbmobile.com](mailto:info@voxbmobile.com) or 855-200-4001.