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XenMobile

Client Update

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Agenda

- XenMobile Basics
- WorxClients 10.2
- Wrapping
- WorxForms
- Concierge

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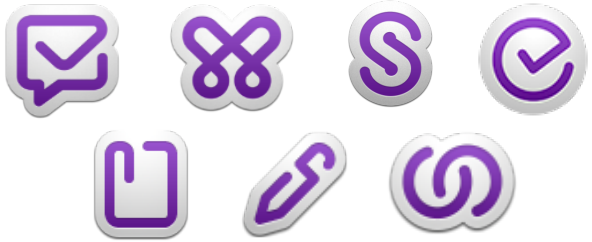
Our strategy will continue to lead your mobility journey

Step 1
Enable Basic Mobility

Secure devices and data

Step 2
Drive Secure Productivity

Secure “killer apps” that increase productivity



Step 3
Mobilize Your Business

Enable secure mobile access to business systems

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XenMobile

The revolutionary way to mobilize your business

- Enterprise-class MDM
- Unified corporate app store
- Workflow driven productivity apps
- Mobile app management
- Multi-factor single-sign on
- Military-grade security
- Broad platform support

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XenMobile - MDM

Gain visibility to devices (BYOD or CL)

Push policies (WiFi, VPN, Passcode etc.)

Provision apps automatically

Manage users through AD groups

Monitor and manage compliance

Notify users

Support end-users remotely

Remotely lock or selectively wipe

Device agnostic – iOS, Android, Windows Phone

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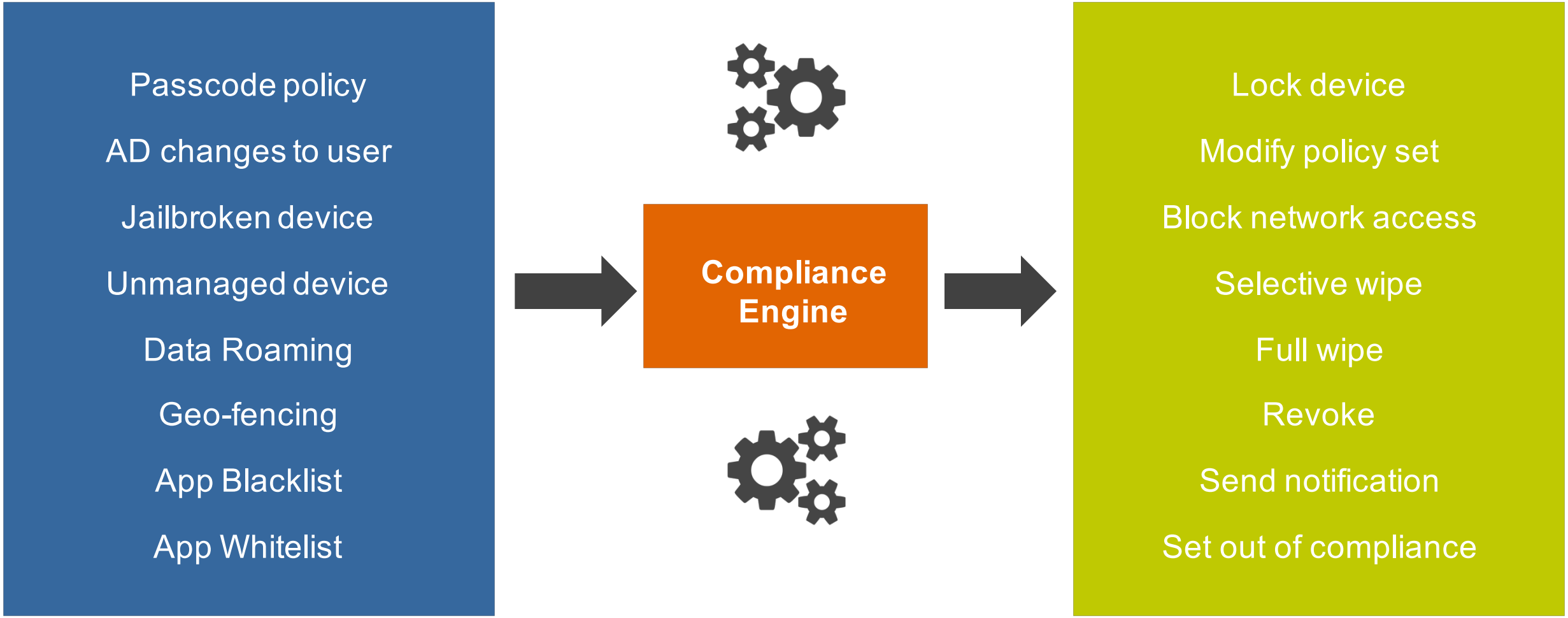
Automated Device Compliance

Initiate compliance actions based on a variety of triggers



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- Secure rs
- Micro VPN
- App spe wipe
- Inter-ap tion
- Conditional policies
- Federat d SSO

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XenMobile – Essential Productivity Apps

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WorxMail

- Mail, calendar, contacts
- Enterprise class
- Better than native

Citrix
WorxWeb

- Secure browser
- Internal web access
- URL BL/WL

Citrix
Sharefile

- Secure EFSS
- Mobile content editing
- SharePoint & network files

Citrix
WorxNotes

- Secure notes
- Team notebooks
- Email and calendar integration

Citrix
WorxEdit

- Offline content edit
- Review, comment and collaborate on documents

Citrix
WorxTasks

- Securely manage tasks
- Integrated with Outlook Tasks
- Integrated with WorxMail for efficient workflows

Citrix
WorxDesktop

- Secure VDI like access to physical desktop
- Access work files and apps

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Casablanca

What’s new in the release

XenMobile 10.2 Client Release

- iOS 9 and Android M – "Instant Compatibility" with platform support
  - WorxHome, MDX Apps
- WorxNotes web app – Securely create, sync and store notes from any device
- Touch ID new option for Worx PIN improves customer experience
- WorxMail Enhancements:
  - Configurable font size options
  - Improved handling of attachments
  - IT policy to control sync period
  - Lock screen notifications icons
  - Week numbers

For a full list of features please see documentation

http://docs.citrix.com/en-us/worx-mobile-apps/10/xmob-worx-feature-platform-matrix.html

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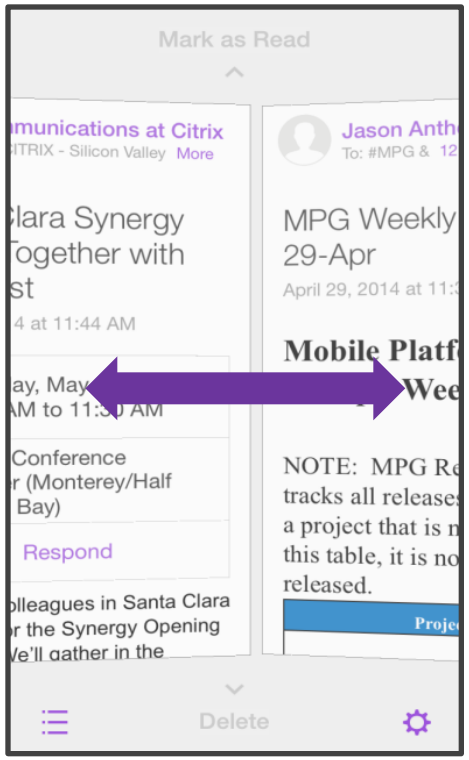
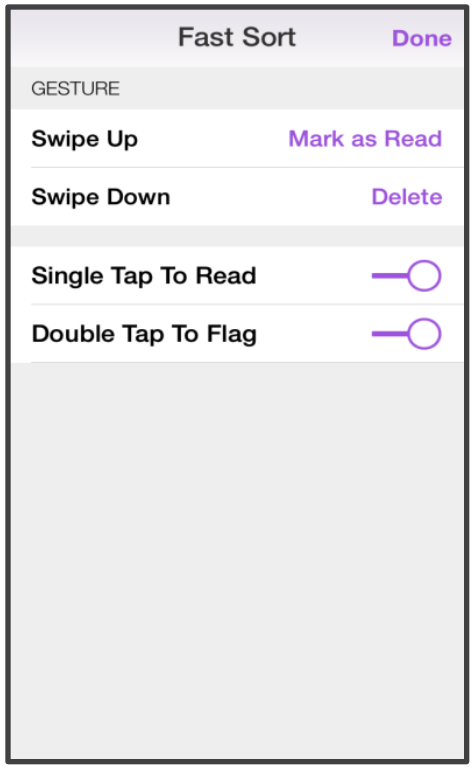
WorxMail – new and improved Sandboxed email client





Fully encrypted business-grade secure email client, calendar (free/busy) & contacts

Newly redesigned user experience for faster navigation

Customized sorting capabilities to quickly manage inbox

Server side search capabilities

Send mails with Sharefile Attachments

Directly open links – also to Intranet

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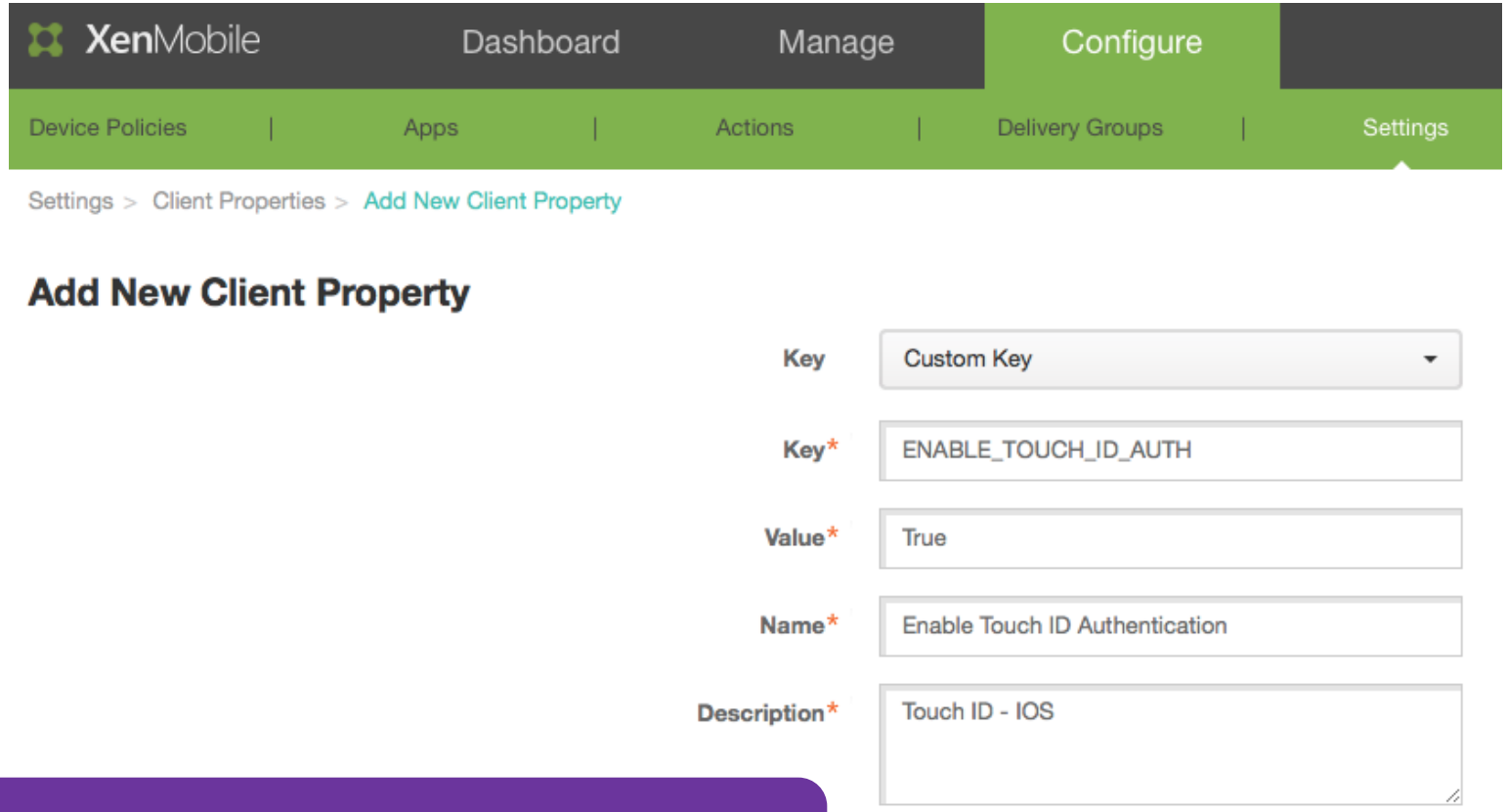
XenMobile integration with Touch ID



Experience new workflow efficiency when using Touch ID for application timeouts in lieu of Worx PIN

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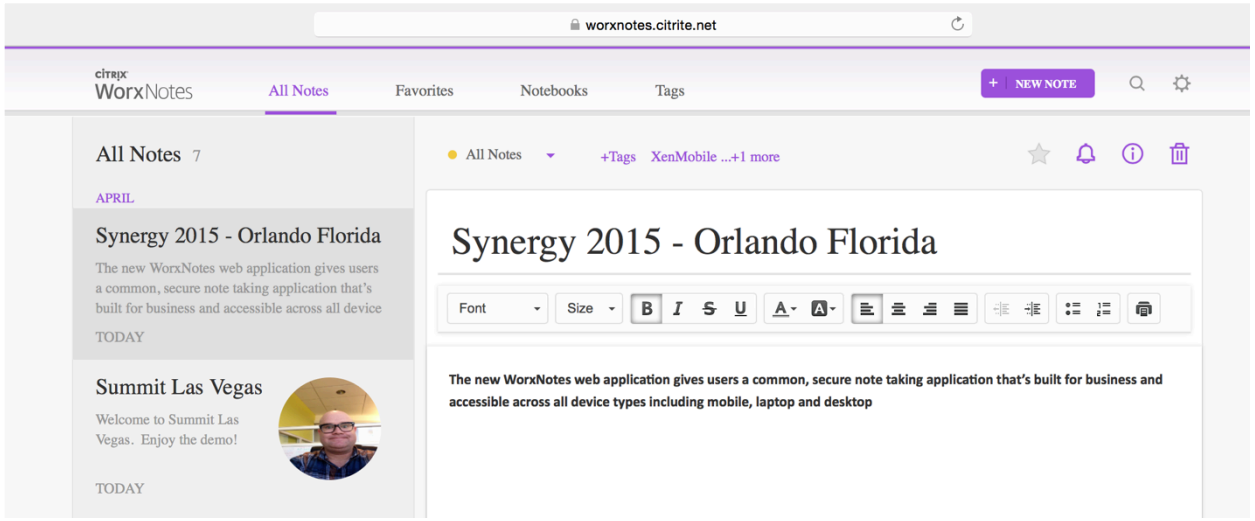
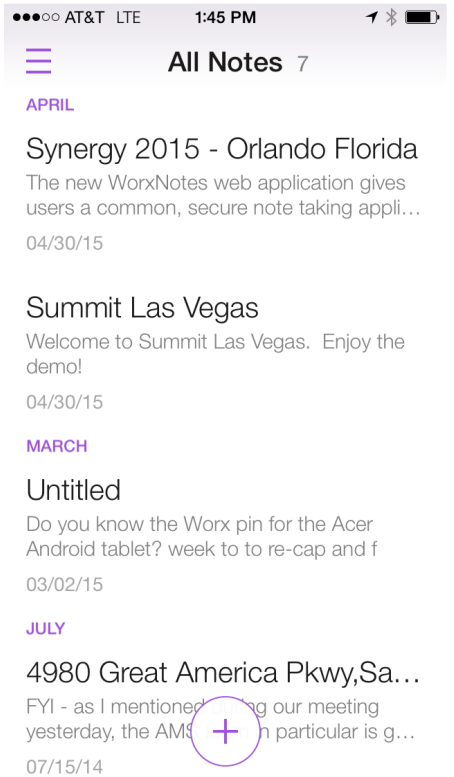
Experience WorxNotes from any device

WorxNotes wep app



Desktop

Sync



Mobile Device

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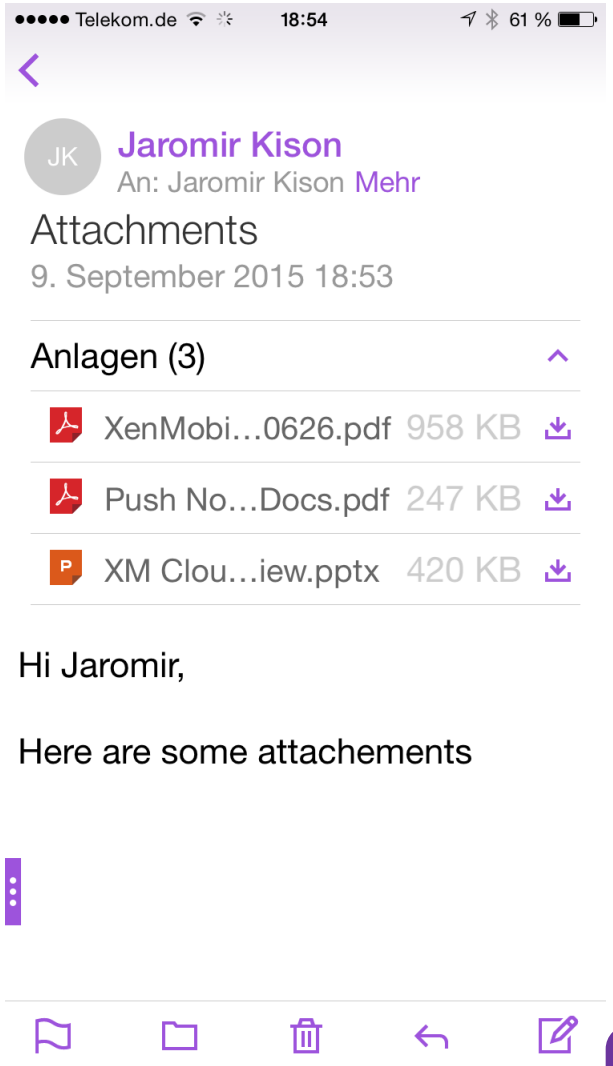
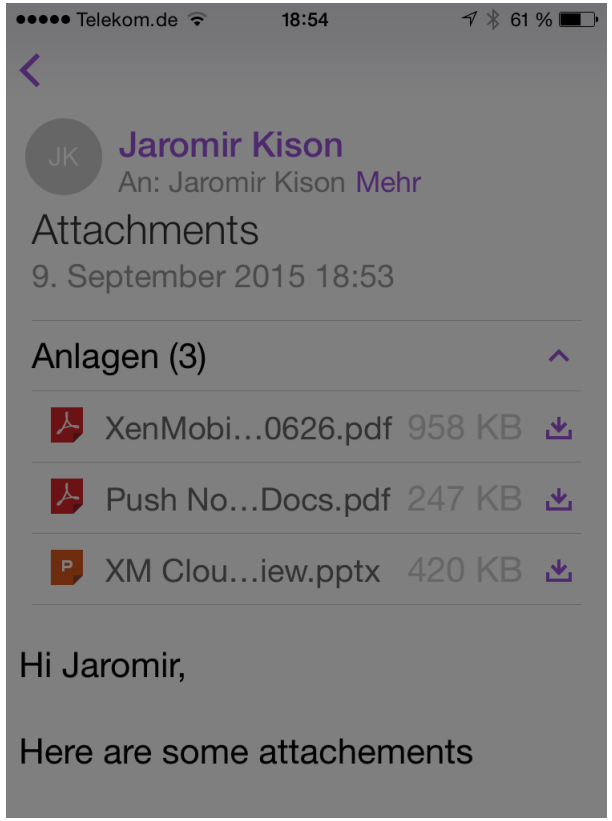
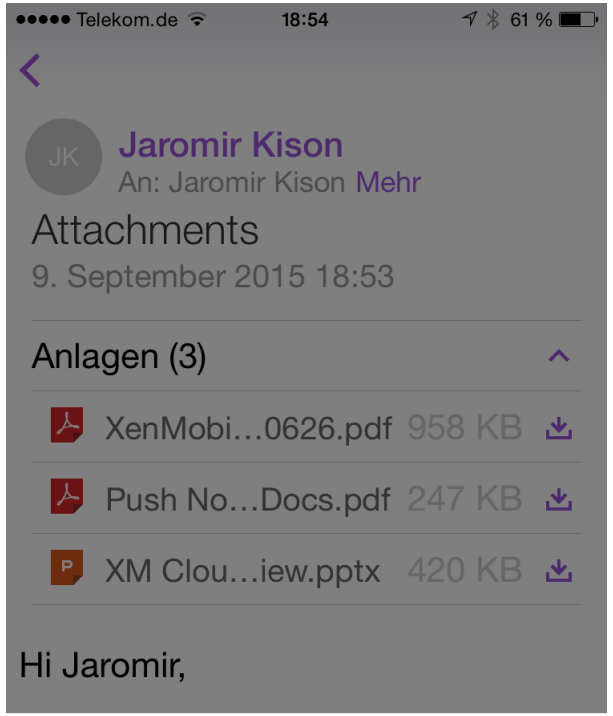
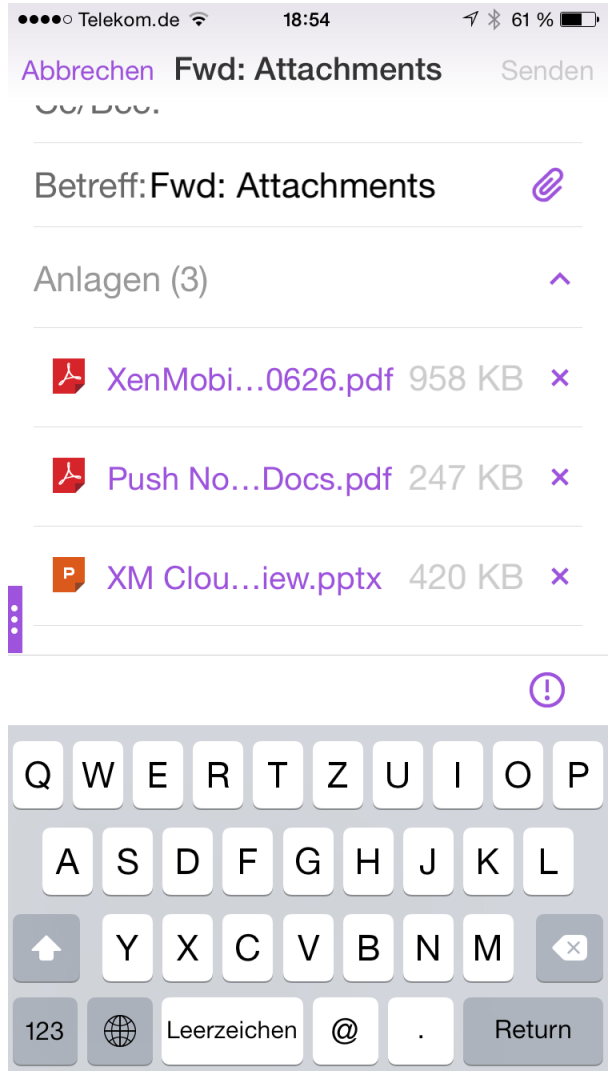
Improved attachment handling









No need to download attachments before forwarding & selective forwarding

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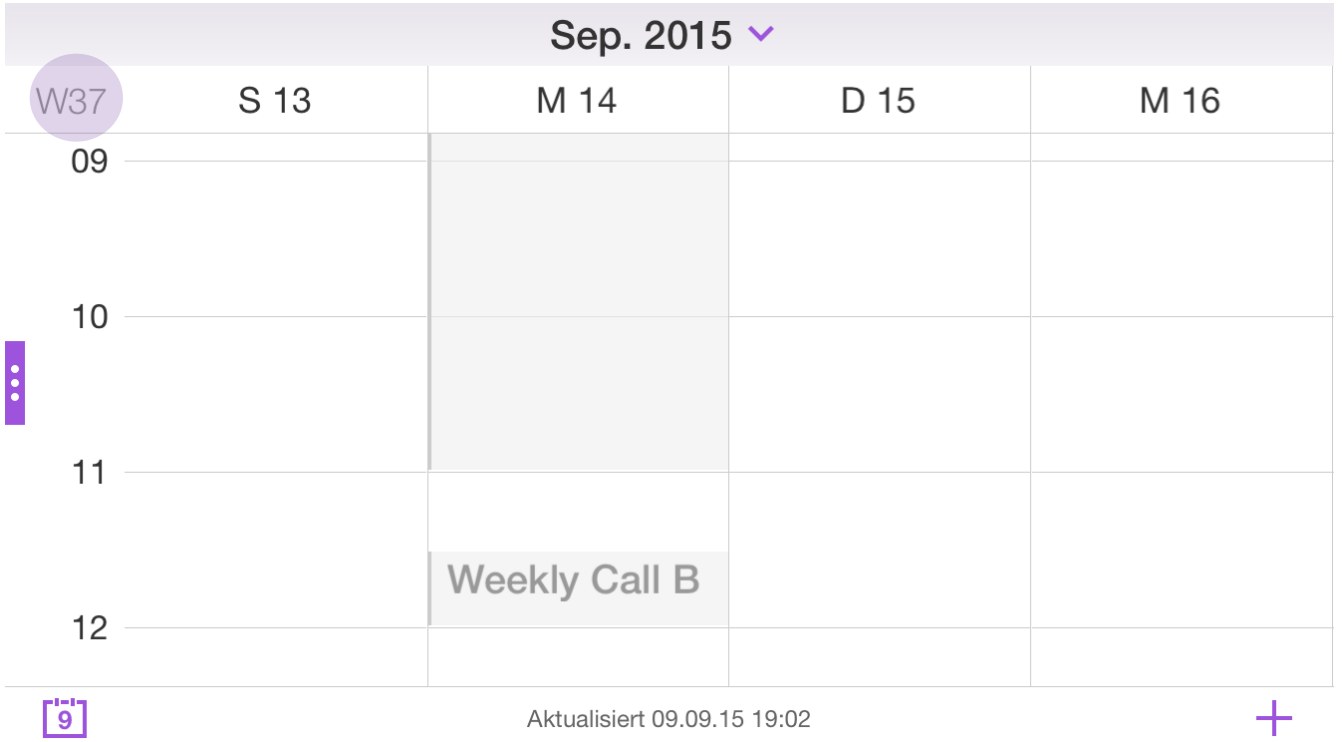
Easily viewable week numbers



WorxMail Calendar

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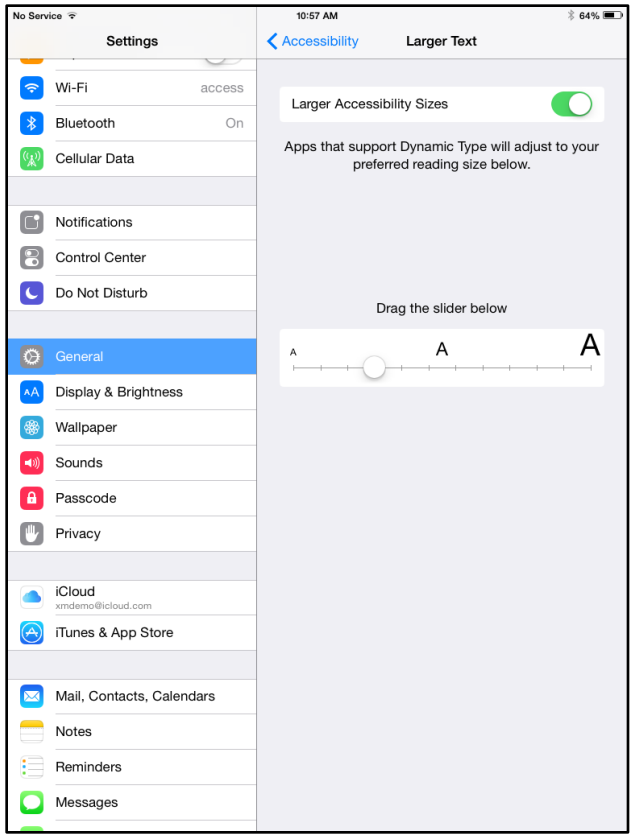
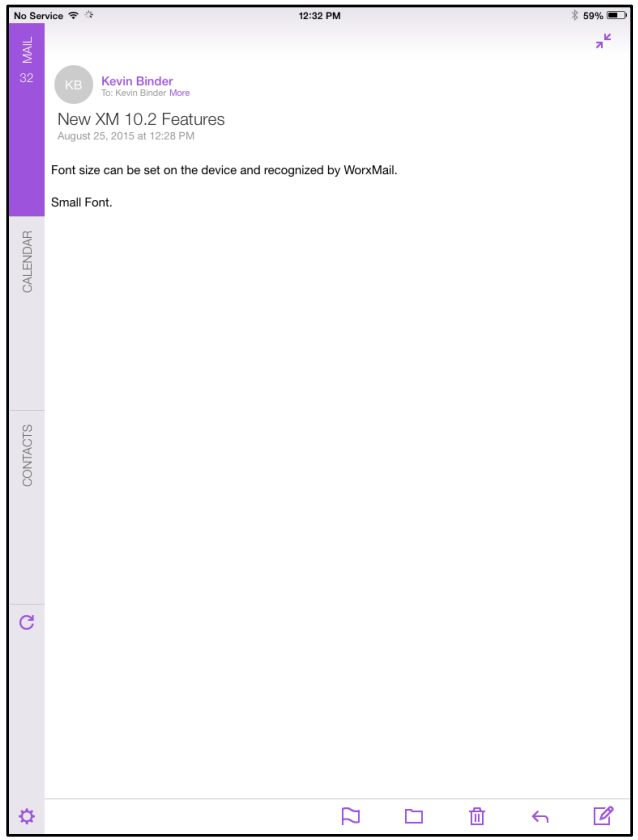
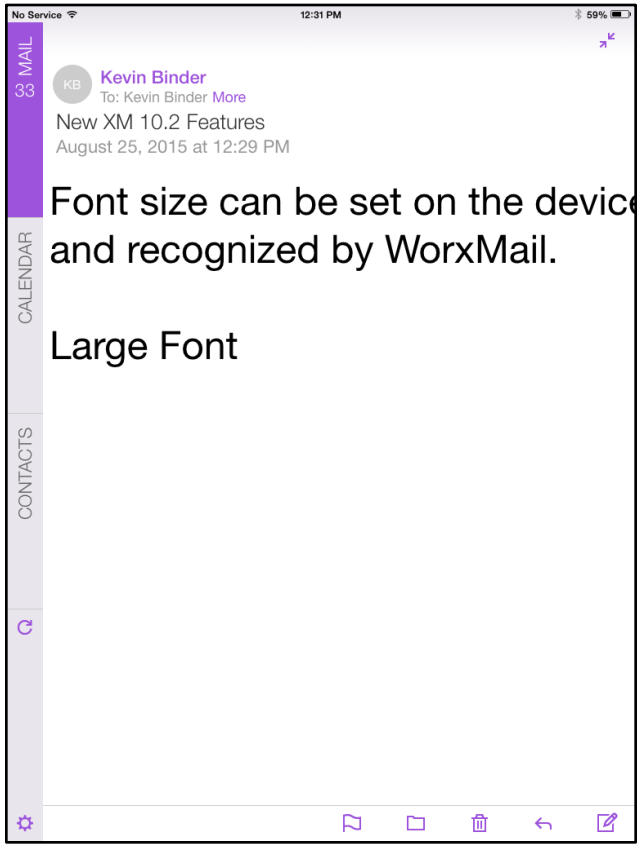
WorxMail Font Size - Accessibility







WorxMail recognizes device preference for font size

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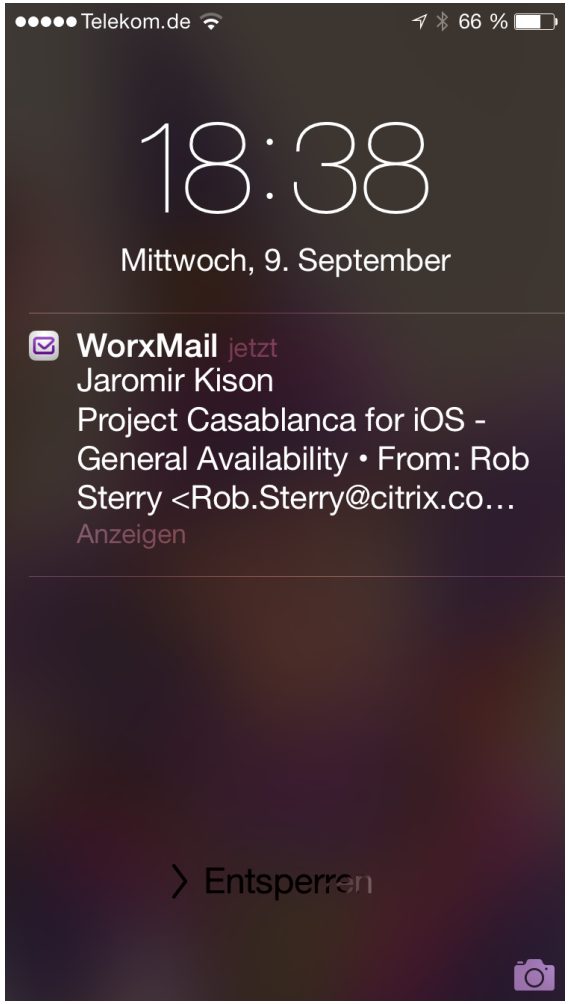
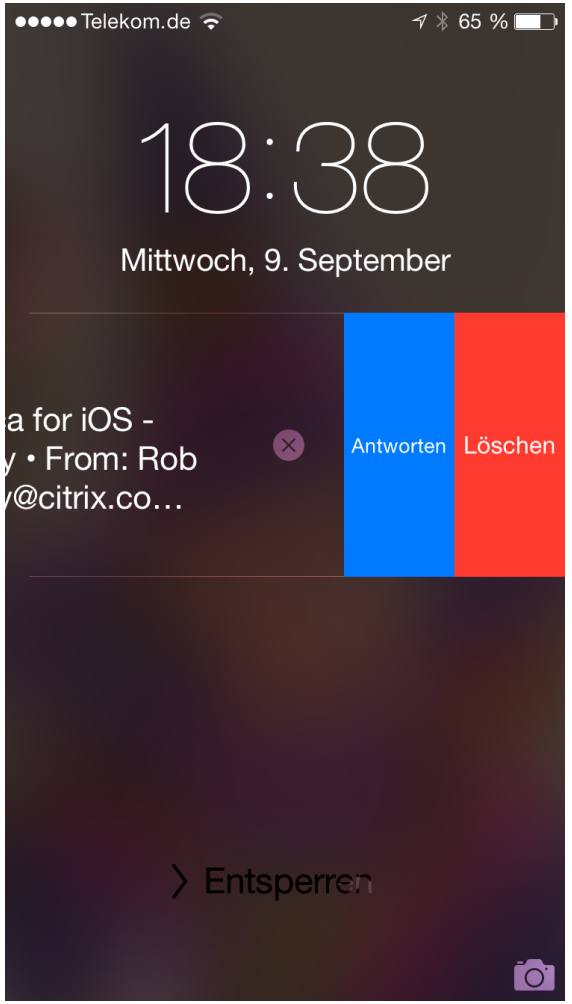
Notification screen icons & Reply from notification screen





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New MDX Policies

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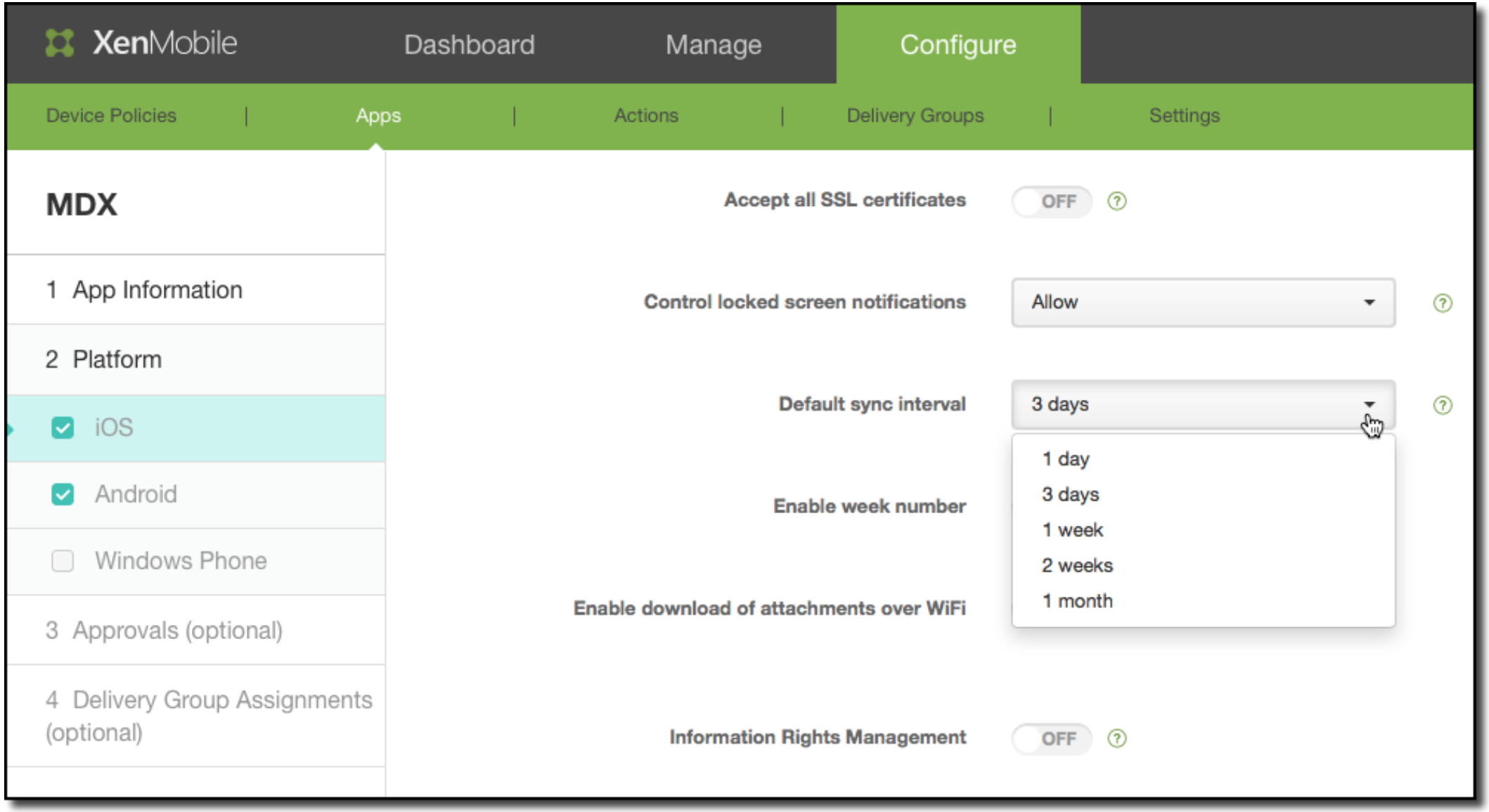
Default sync interval



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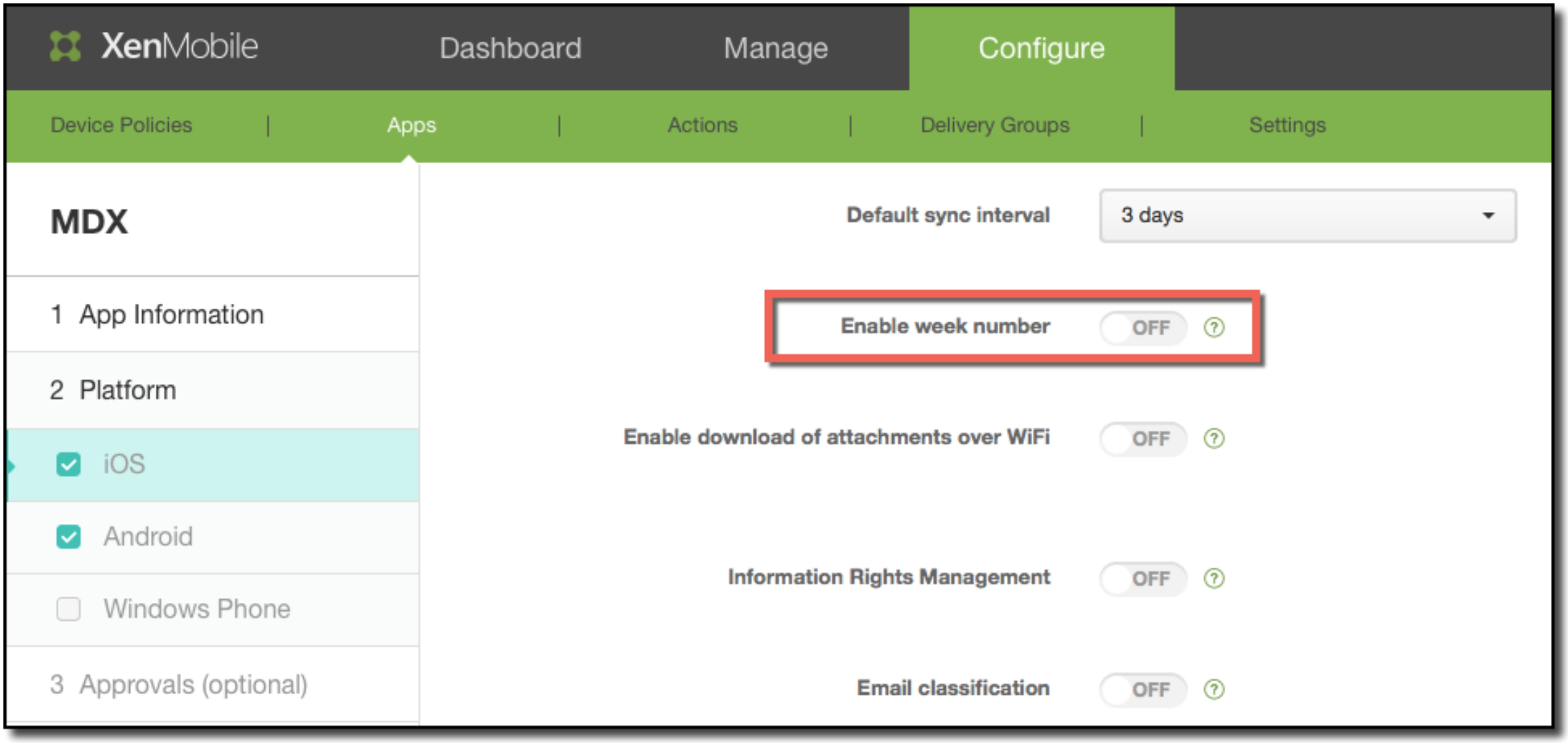
Enable week number



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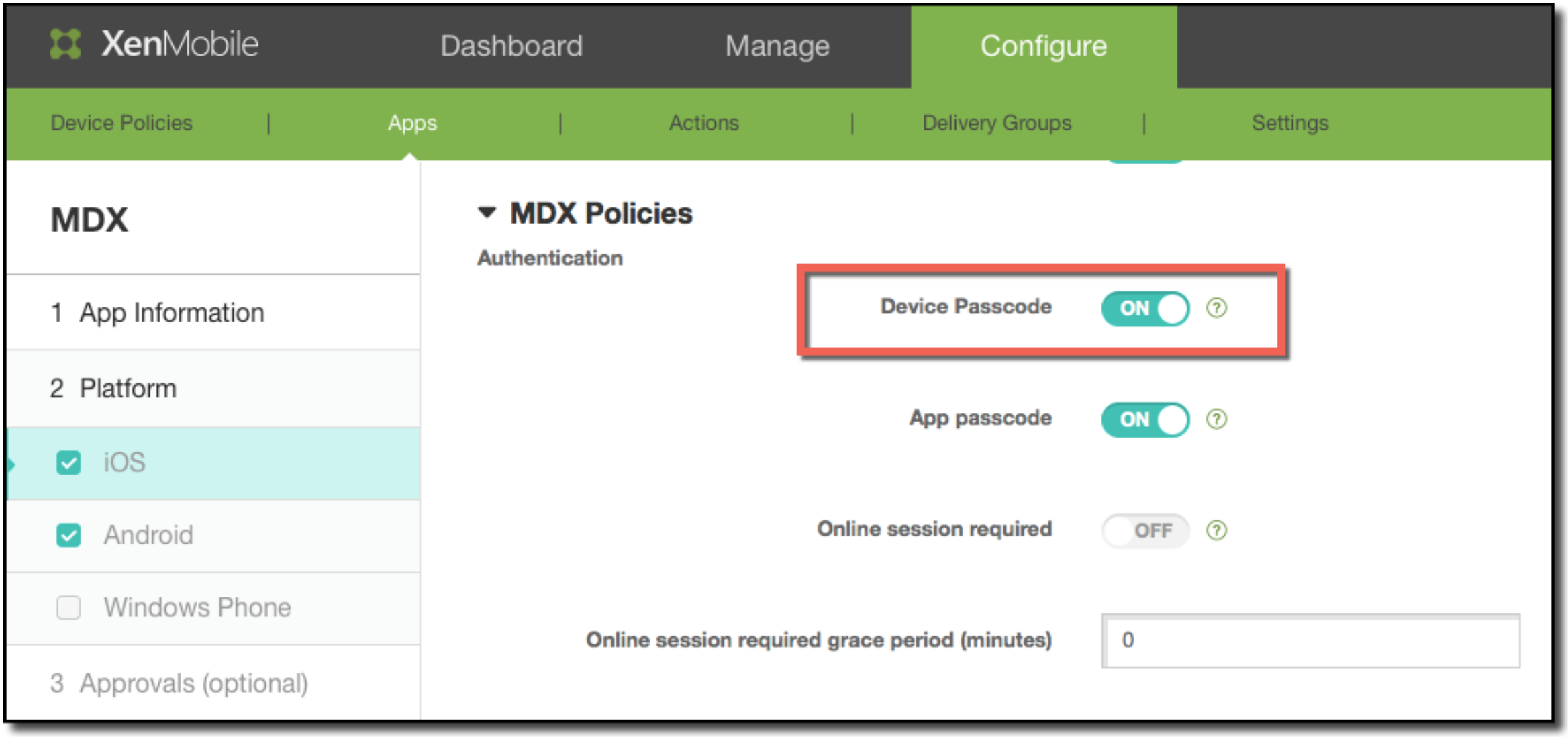
Device passcode (for iOS9 only)



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WorxMail APNs

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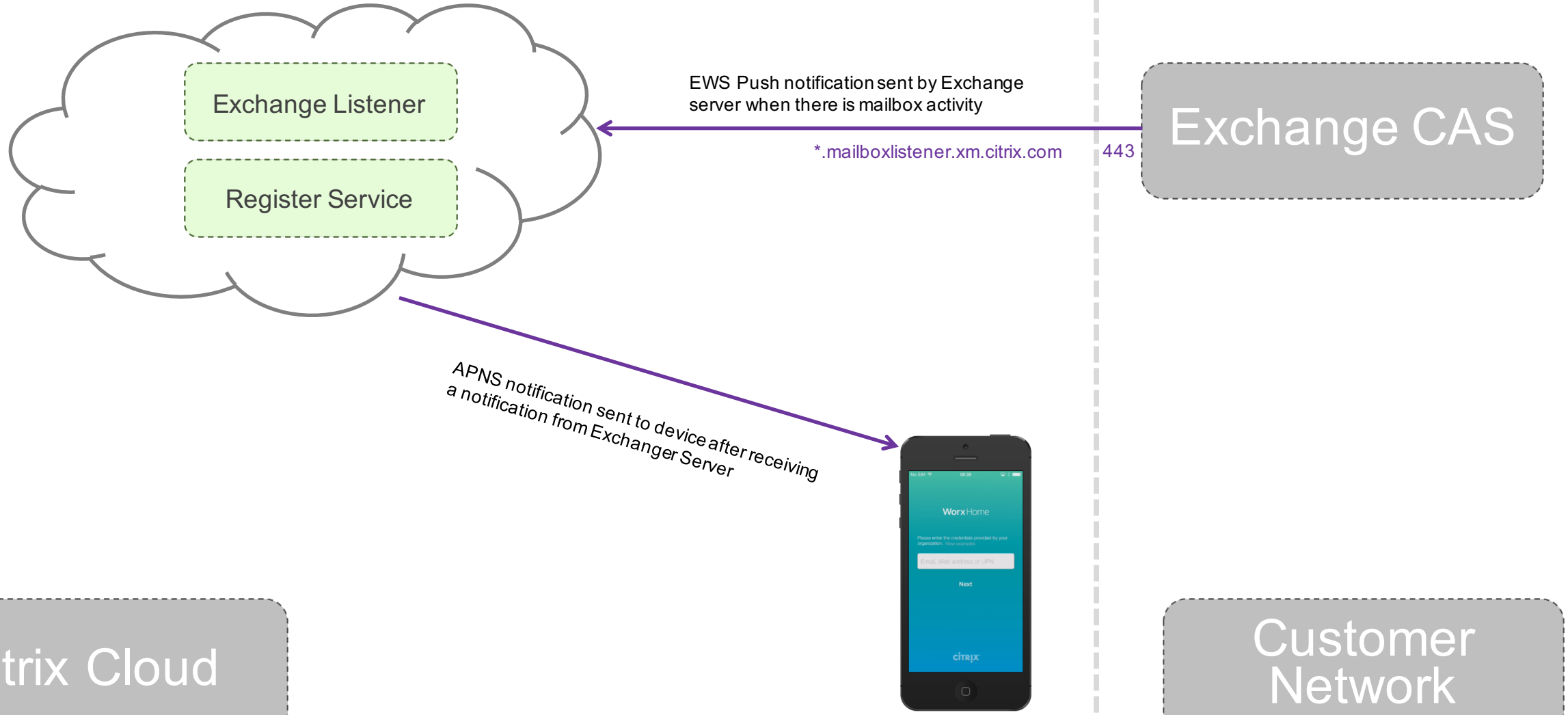
Architecture – Citrix Hosted Components



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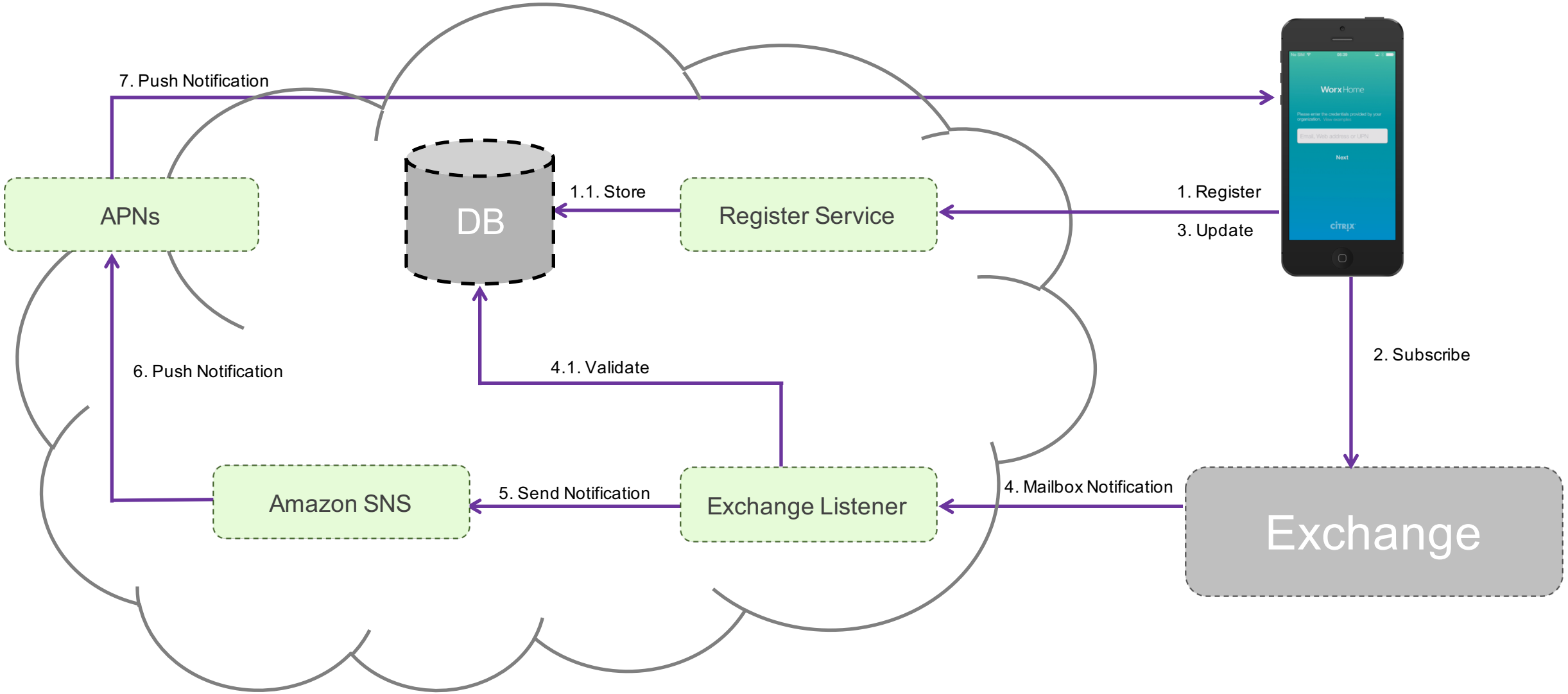
Architecture – Data Flow



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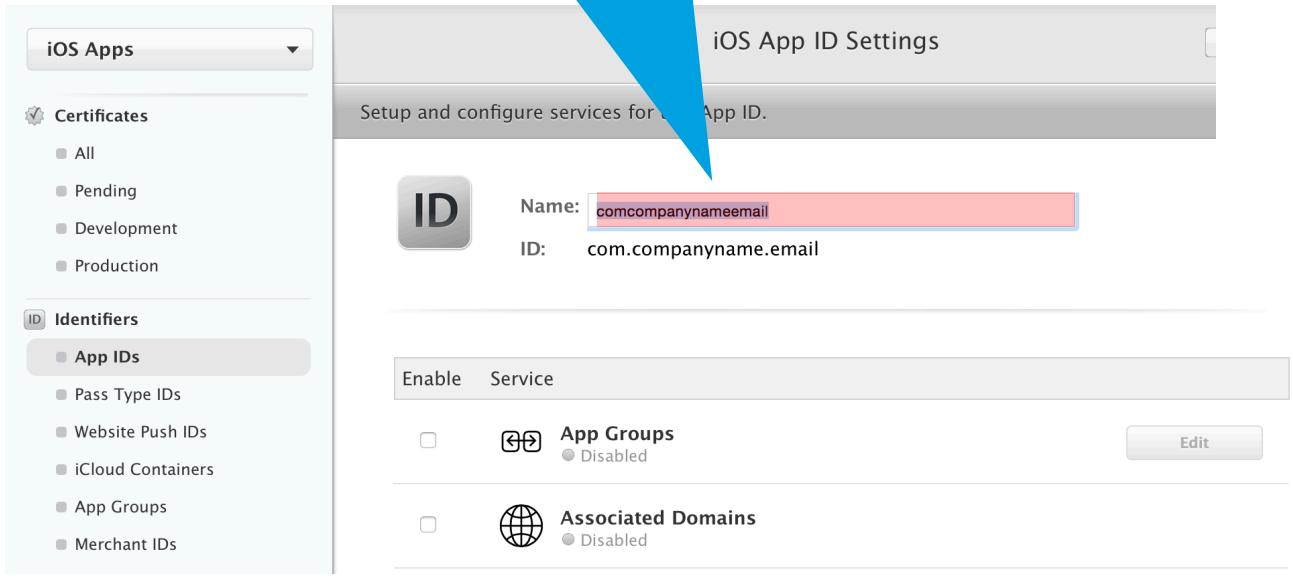
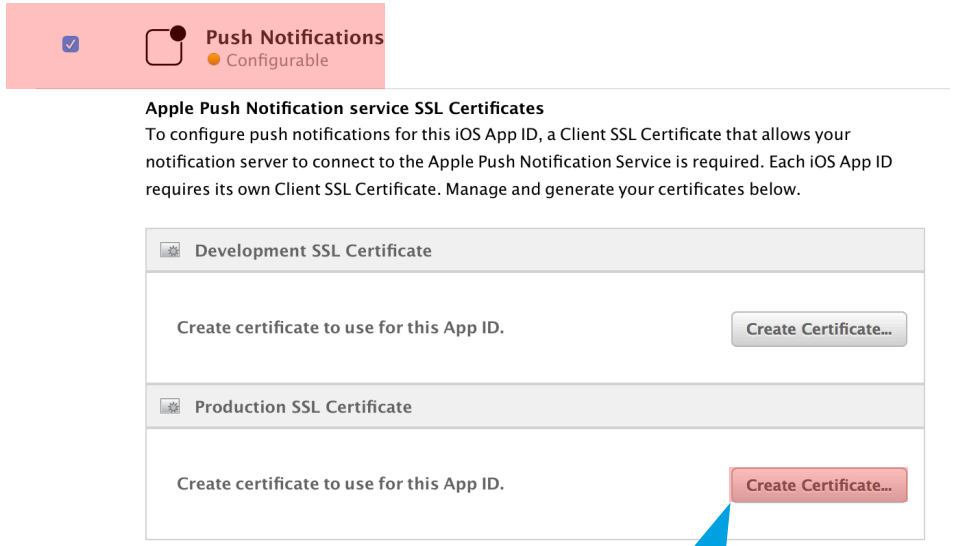
Enable WorxMail Push Notifications

APNs certificate

Create an explicit App ID in the format com.companyname.app





Enable Push Notification and create a Production SSL Certificate

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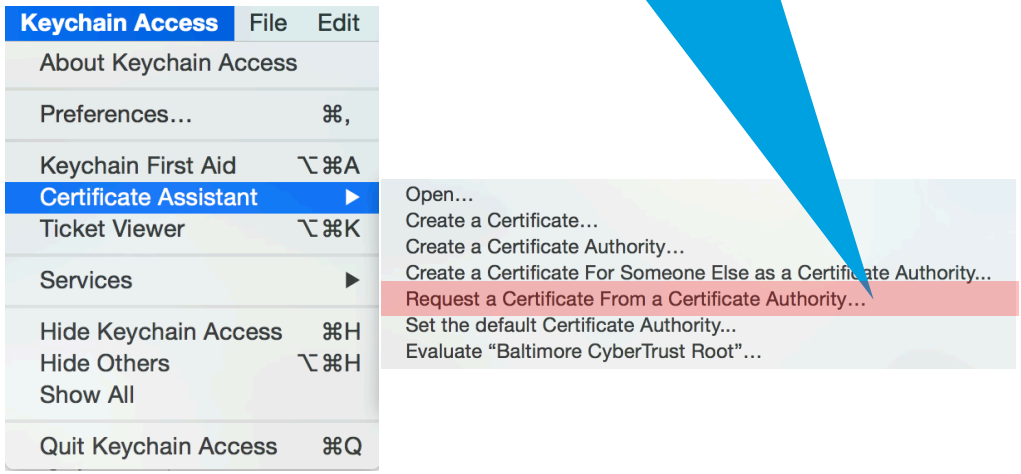
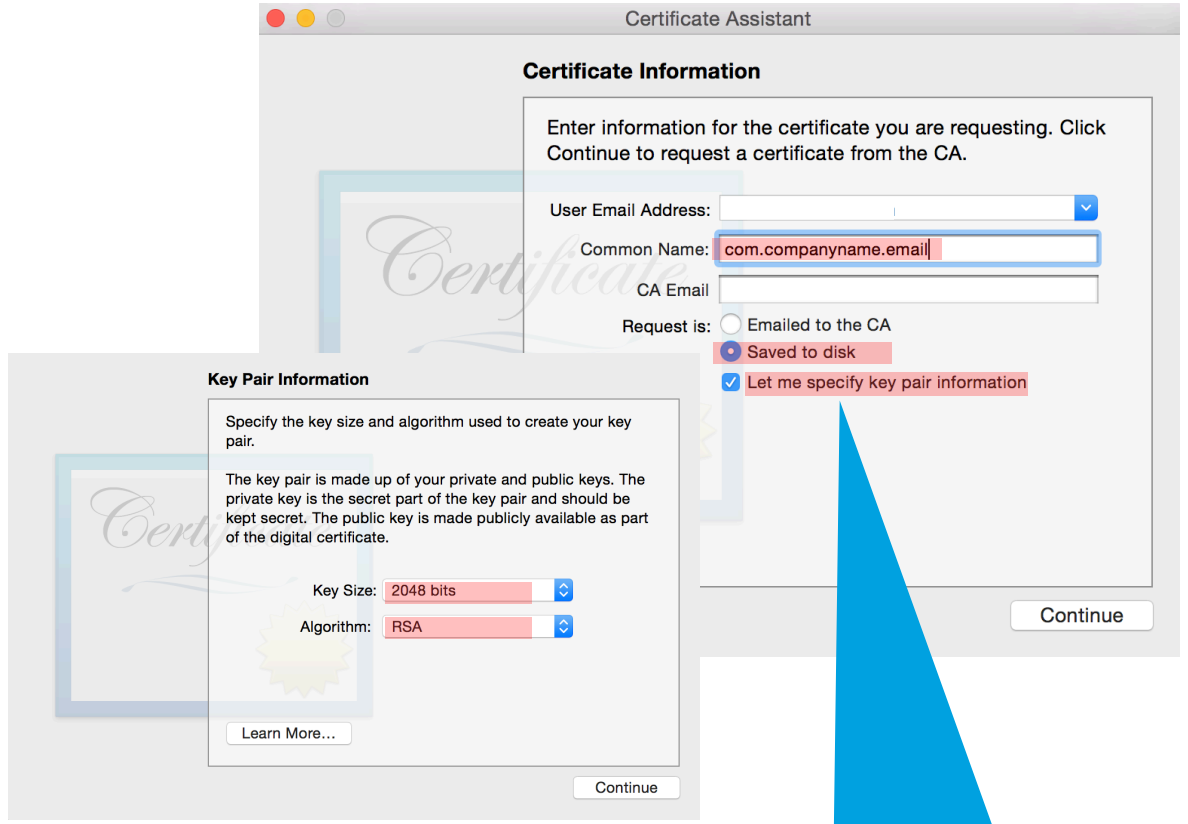
Enable WorxMail Push Notifications

Create CSR for APNs certificate

In Keychain access create a CSR for the APNs certificate





Save the CSR to disk and specify key pair information

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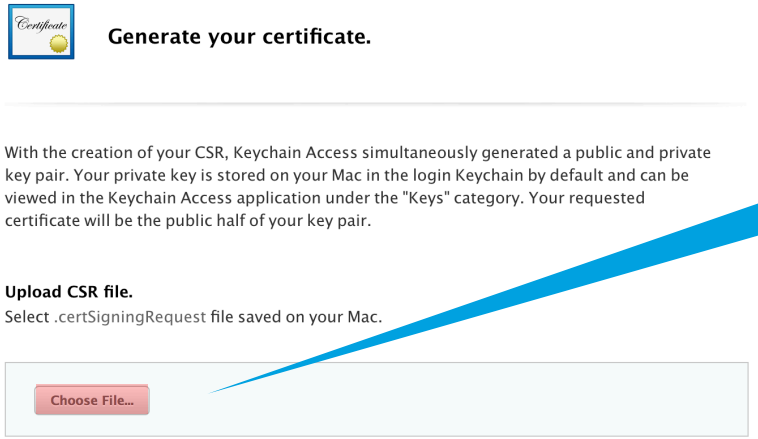
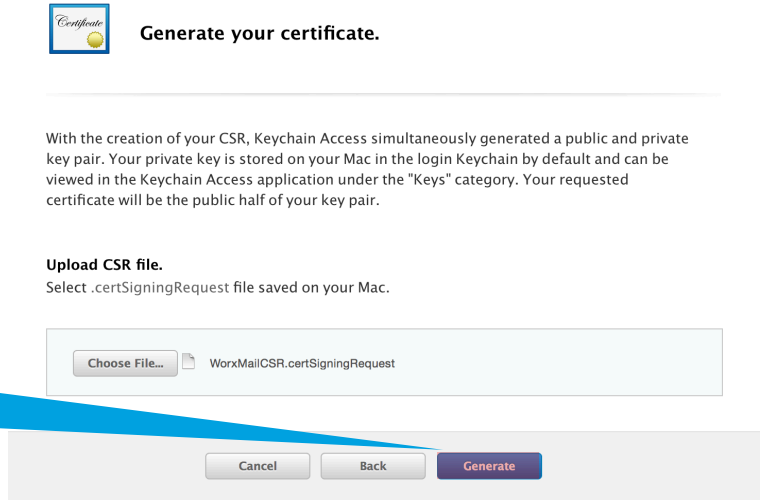
Enable WorxMail Push Notifications

Generate APNs Certificate

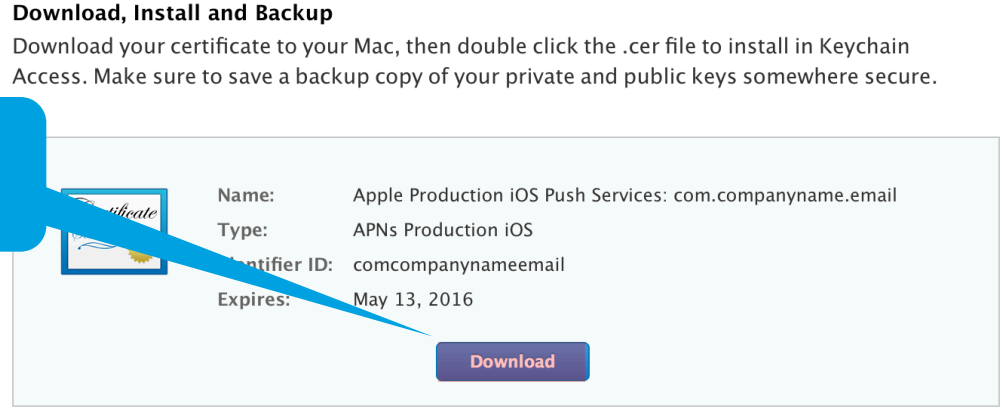


1. Upload WorxMail CSR file

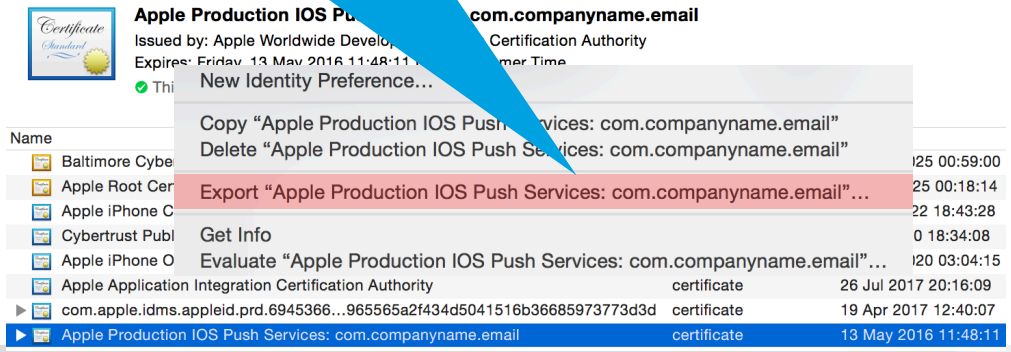
2. Generate certificate



3. Download certificate and install in keychain



4. Export certificate and create private key



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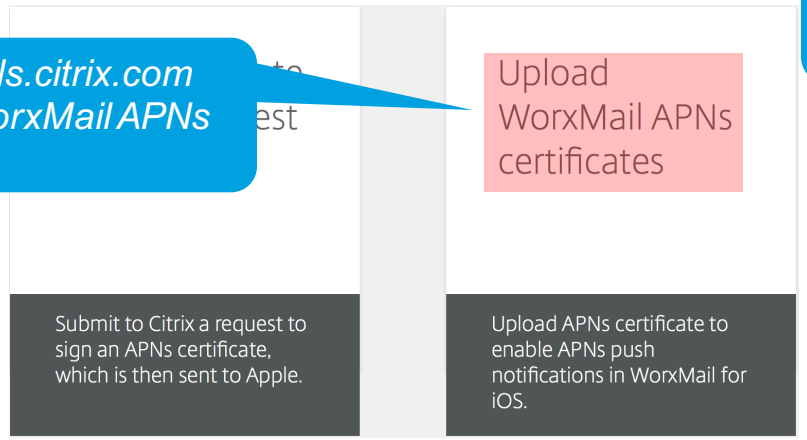
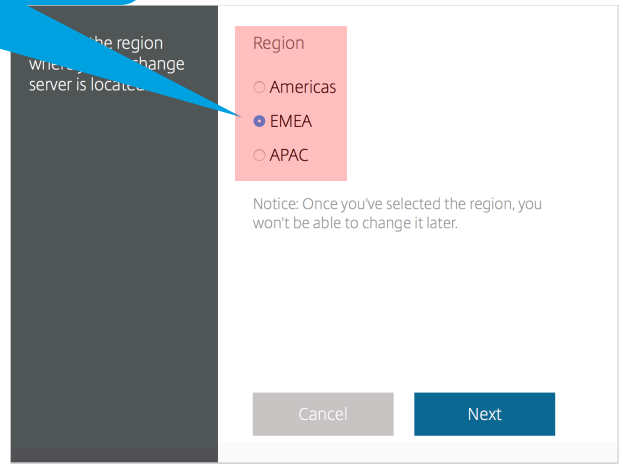
Enable WorxMail Push Notifications

Register APNs and Tenant IDs

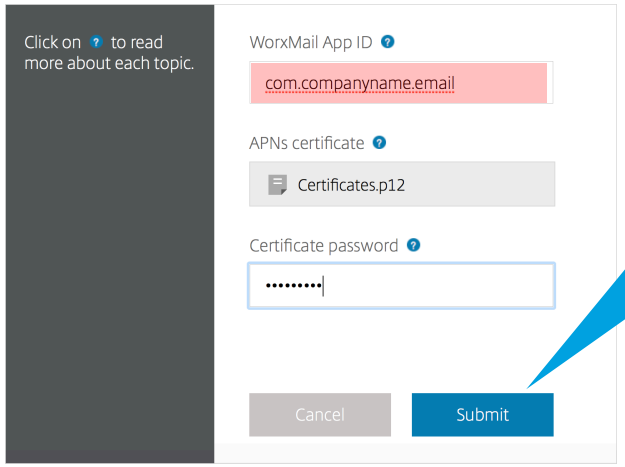
1. *Go to xenmobiletools.citrix.com and select upload WorxMail APNs cert*



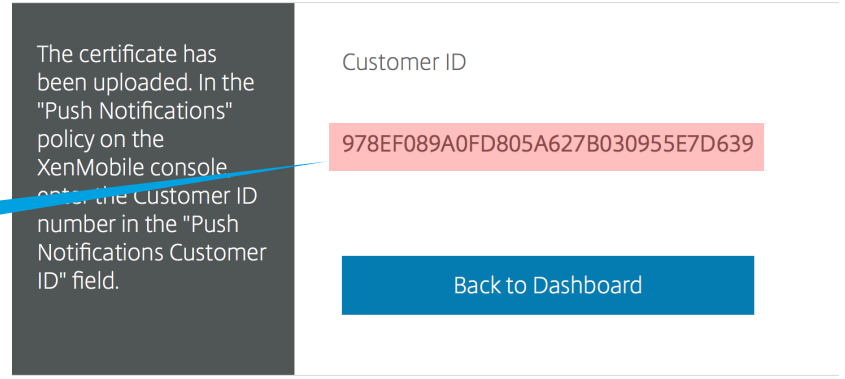
2. *Select region where MS Exchange resides*



3. *Enter AppID, upload APNs cert and submit*



4. *Copy the Customer ID (Tenant ID)*



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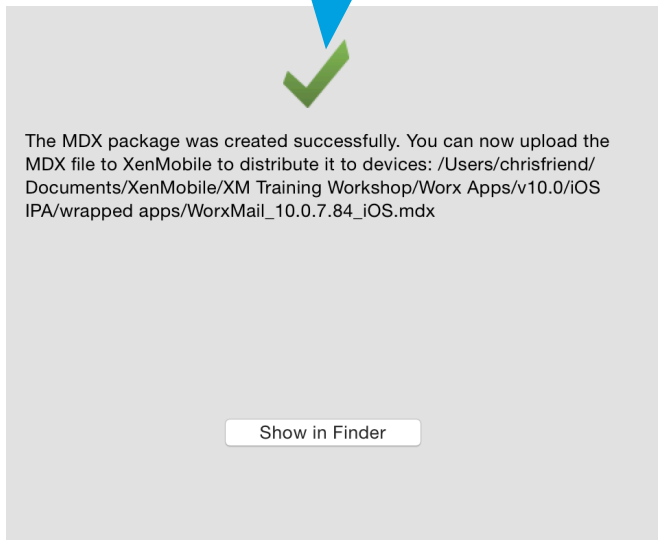
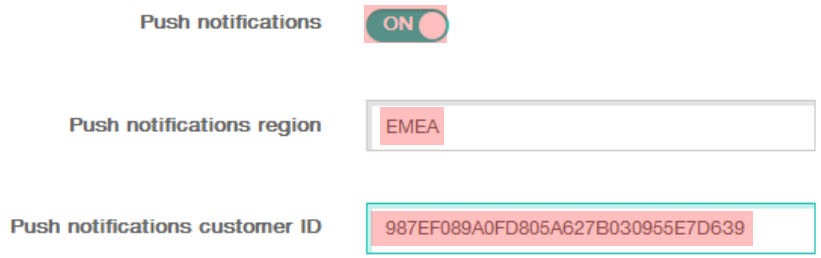
Enable WorxMail Push Notifications

Upload WorxMail

Wrap the WorxMail IPA file with an explicit distribution profile



Upload the MDX file to the XMS server and enable Push Notifications in the MDX policy



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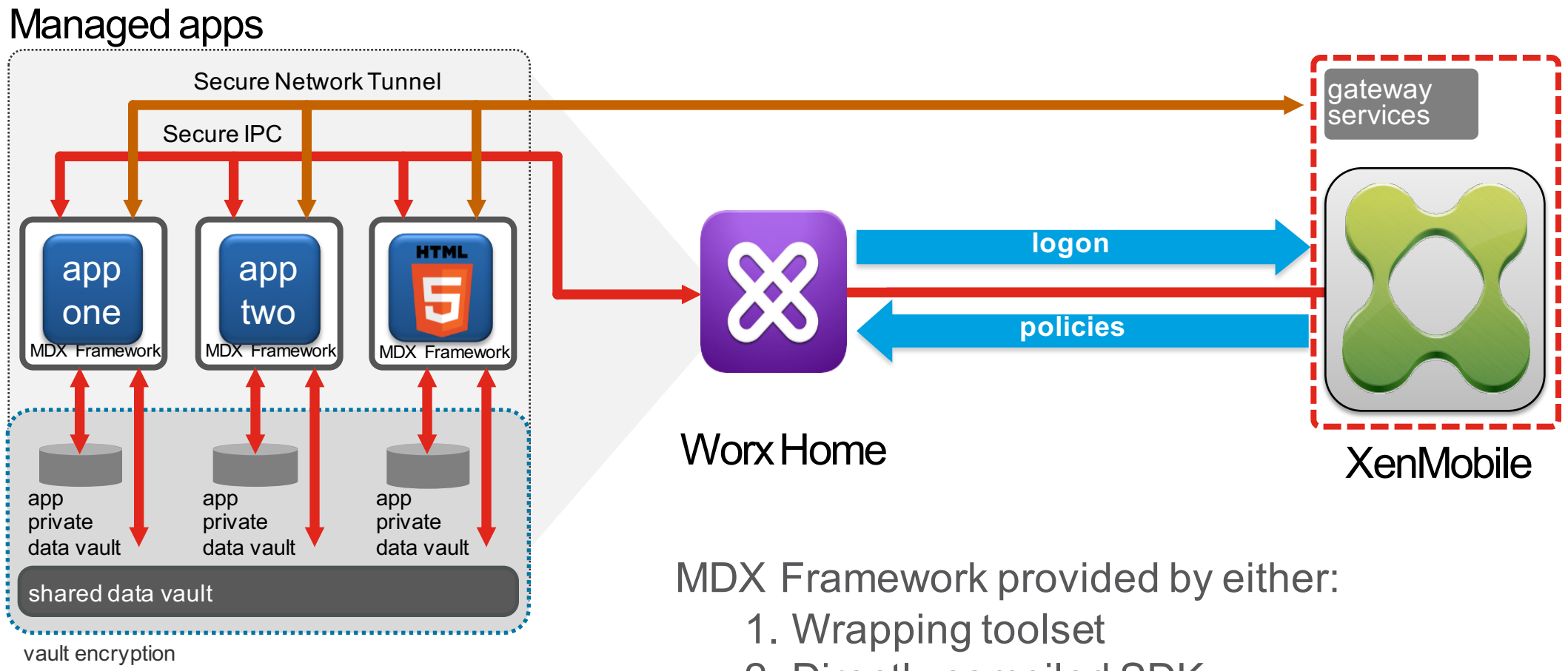
App Wrapping

MDX Containers

MDX Architecture



MDX Framework provided by either:

1. Wrapping toolset
2. Directly compiled SDK

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What is the MDX Toolkit?

- The MDX Toolkit is used to prepare applications for deployment with Citrix XenMobile.
  - IOS
  - Android
  - Windows 8.1.x

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"This preparation process is called application wrapping"

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App Wrapping

iOS App Wrapping

Apple Enterprise Developer Account

Provisioning Profile Distribution & Certificate

Apple Hardware with xCode and Command line tools

.ipa file

MDX Toolkit

Bundle ID /App ID

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Once you have obtained your Apple account

iOS Wrapping requirements

Create CSR and Complete and Install the IOS Production App Store/Ad Hoc Certificate

Verify that the certificates are installed in the MAC keychain

Create Bundle Identifier, AppIDs and Distribution Profile (per App)

Install latest Xcode and Command Line Tools

Download files

Download and run MDX toolkit

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Wrapping Requirements

- Java JDK 1.8
- Android SDK or Android Studio https://developer.android.com/sdk/index.html
- Custom Keystore – user generated
- MDX Toolkit (Verify and edit SDK location for the MDX Tool kit “android settings.txt”)
- .apk files
- Mac

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Prerequisites before Wrapping…

1. Acquire a **Company account** with a registered **Window's Phone developer account**
   - For more information on Opening a developer account refer to the **Windows Phone Dev Center**
   - at http://msdn.microsoft.com/en-us/library/windows/apps/hh868184.aspx

2. Obtain a **Publisher ID (PHONEPUBLISHERID)**
   - The Publisher ID can be found in the developer's account profile – refer to Microsoft's Dev Center on **Managing your Profile** (http://msdn.microsoft.com/en-us/library/windows/apps/hh967786.aspx)

3. Acquire a **Symantec enterprise signing certificate**
   - Your company account must acquire an enterprise mobile code signing certificate from Symantec's web site - http://www.symantec.com/code-signing/windows-private-enterprise

4. Creates an **Application Enrollment Token (AET)**
   - The Symantec enterprise signing certificate is used to generate an AET to sign your company's mobile apps; which then is used by XenMobile Device Manager to pushed the apps to the client devices upon enrollment.
   - For more information, refer to Microsoft MSDN: http://msdn.microsoft.com/en-us/library/windowsphone/develop/jj206943(v=vs.105).aspx

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Prerequisites for the machine used to wrap the Worx apps

5. **Install Windows Phone 8.1 SDK Development Tools**
   - To wrap applications for Windows Phone, install the following on a Windows 8.1 64-bit machine:
     - **.NET Framework 4.5**
     - **Visual Studio 2013** or **Visual Studio Express or community 2013 with Update 4 which includes Mobile SDK**
     - **https://www.visualstudio.com/en-us/downloads/download-visual-studio-vs#d-community**
     - From the http://download.citrix.com for XenMobile Enterprise Edition download the following:
     - **MDX Toolkit for Windows Phone 8.1**
     - **Worx Home**
     - **WorxMail**
     - **WorxWeb**

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Process

- Extract the content of the MDX Toolkit to an accessible location e.g C:\MDXToolkit\
- Place the .PFX file there
- Create an In and Out Folder for the Signed apps e.g. unsigned – signed

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Examples for Batchfiles:

WorxHome

CGAppPrepTool.exe -in:"unsigned\WorxHome_10.0.3.69.xap" -out:"output\wh\WorxHome_signed.xap" -C:"WindowsPhone_Cert.pfx" -verbose -resign -phonePublisherId:96d73637-5353-4a34-876f-f6336bea3e16 –password:xxxyyyzzz -mdmServerURL:https://159-253-139-7.mycitrixdemo.net/zdm

WorxMail

CGAppPrepTool.exe -in:"unsigned\WorxMail_10.0.7.31.xap" -out:"output\wm\WorxMail.mdx" -T:"Templates\WorxMail" -C:"WindowsPhone_Cert.pfx" -verbose -resign -phonePublisherId:96d73637-5353-4a34-876f-f6336bea3e16 -password:xxxyyyzzz

WorxWeb

CGAppPrepTool.exe -in:"unsigned\WorxWeb_10.0.3.69.appx" -out:"output\ww\WorxWeb.mdx" -T:"Templates\WorxWeb" -C:"WindowsPhone_Cert.pfx" -verbose -resign -phonePublisherId:96d73637-5353-4a34-876f-f6336bea3e16 –password:xxxyyyzzz

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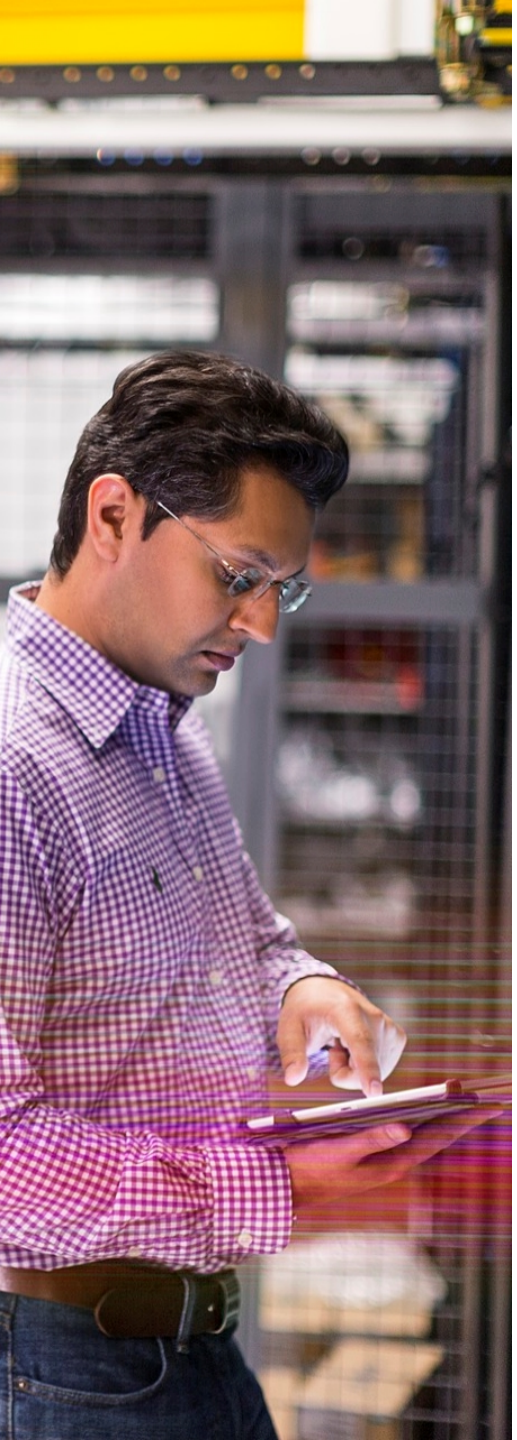

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WorxForms

WorxForms

Mobilize paper forms or email based Work Flows to:

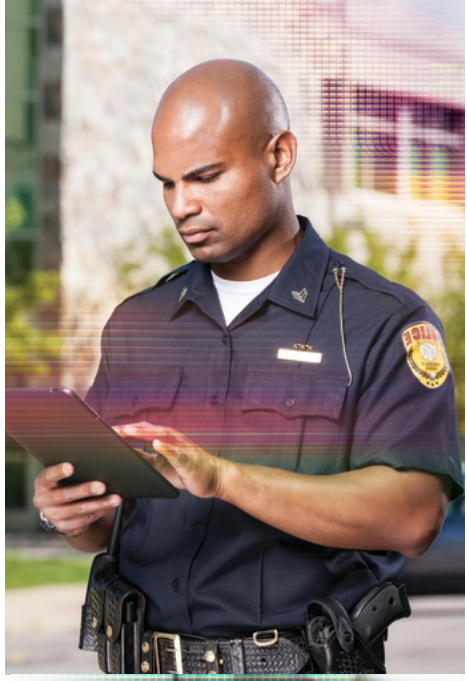
1. Increase the speed of data collection and decision making
2. Improve asset and people tracking

WorxForms Composer
Create form templates and workflow rules

WorxForms Mobile App
Capture structured data

Citrix Sharefile
As Data Store for CSV, Structured XML, Archive and Search

Repositories
Sharepoint
BI Tools
Records Mgmt



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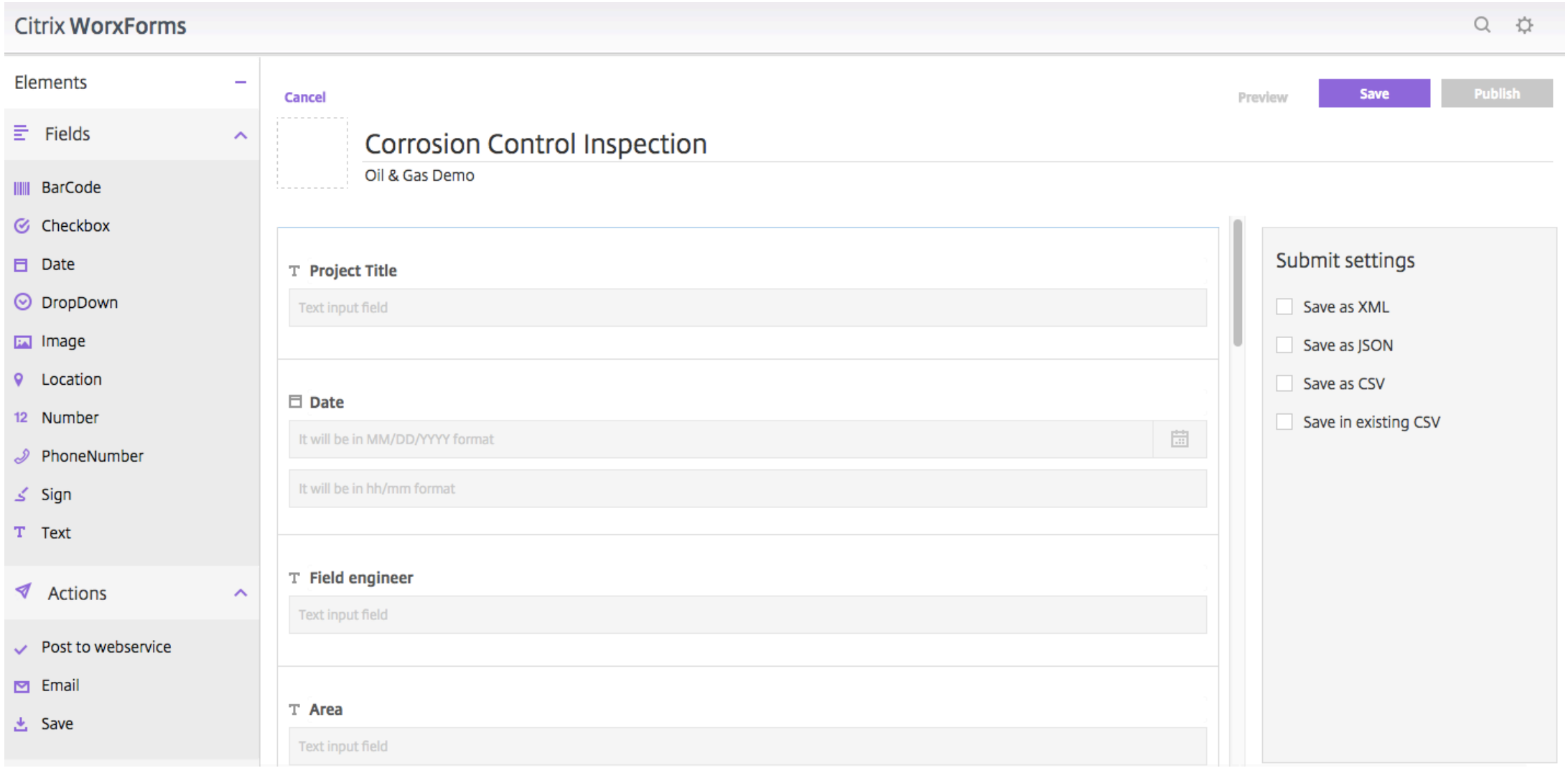
Citrix WorxForms Composer



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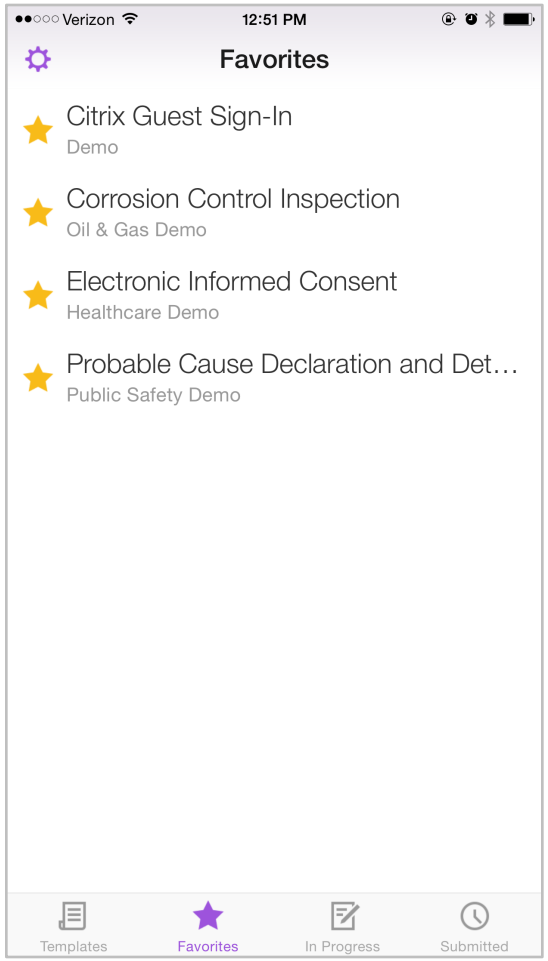
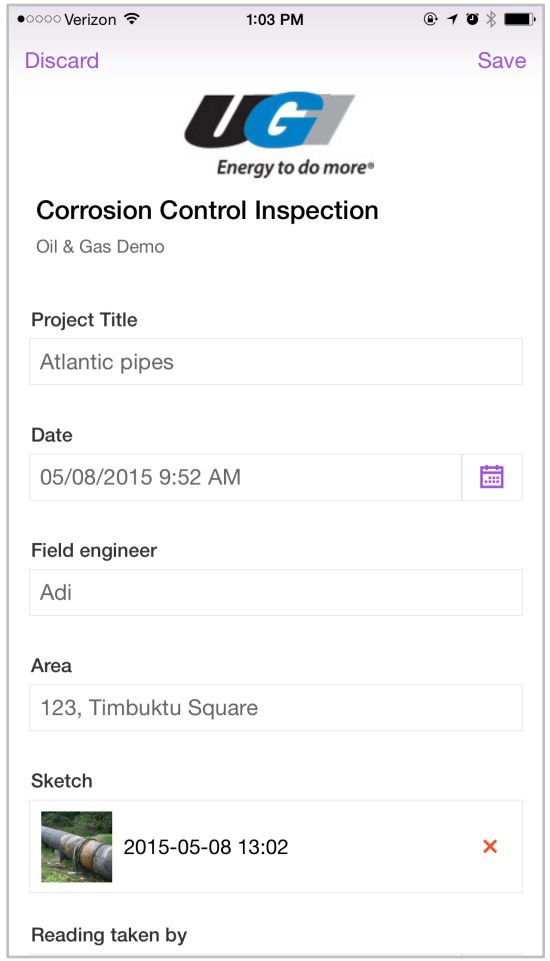
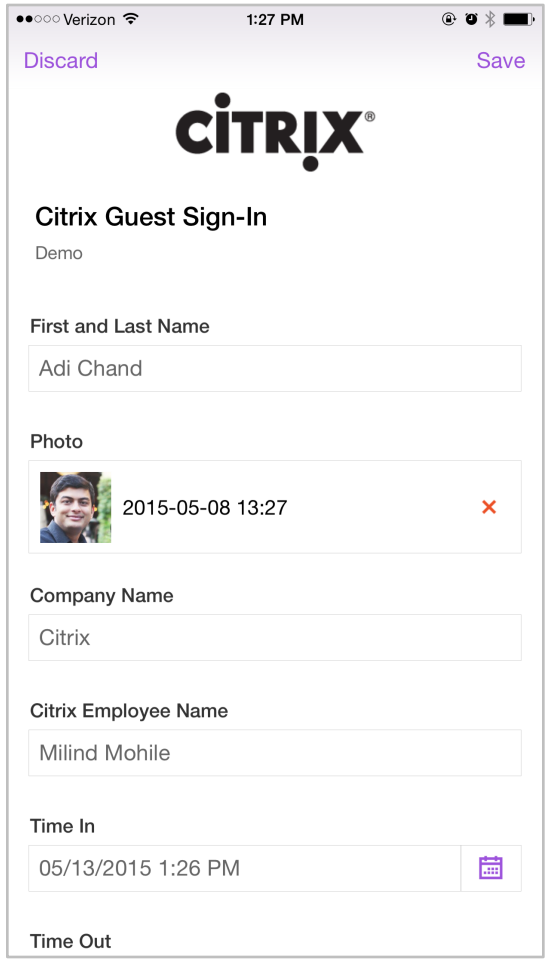
Citrix WorxForms App







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Concierge

Customer Service Reimagined

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In-app Communication

Video

Audio

Chat

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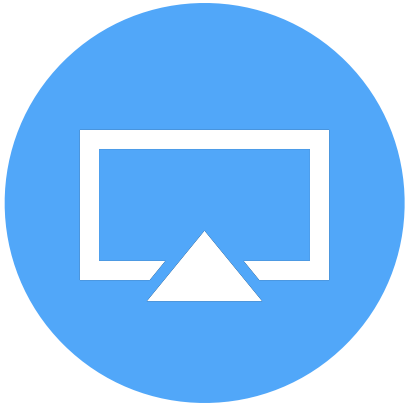
Video

Connect instantly with a live person

Right from within your app.

© 2015 Citrix

Co-Pilot



Screen Sharing

User Camera

Device IQ

Custom Data

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Touch Assist

Touches

Free Drawing

Highlighting

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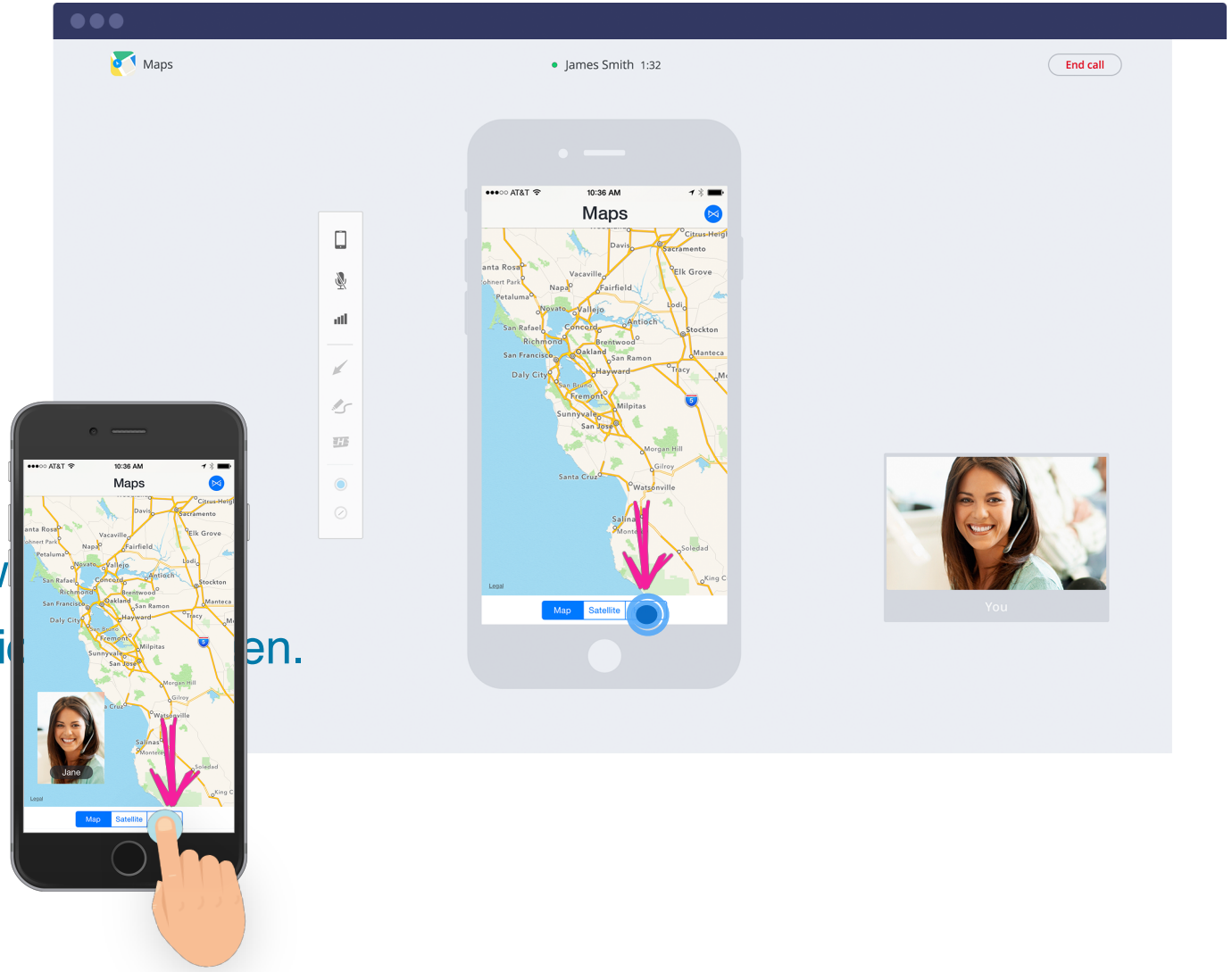
Touch Assist

Easily draw, highlight and view
customer's touch on their appli en.



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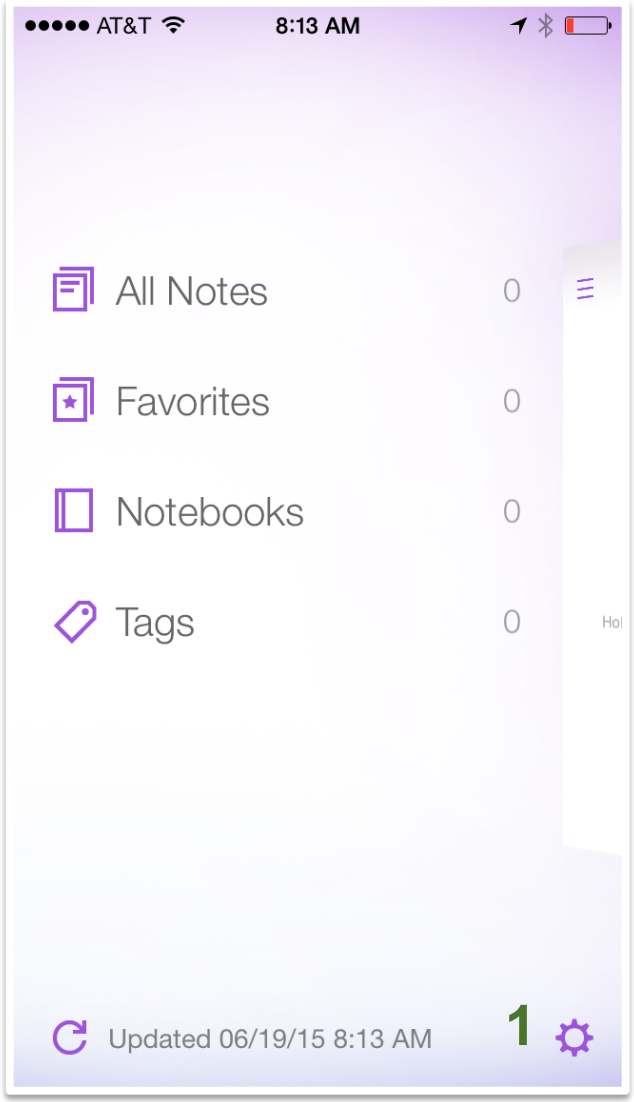
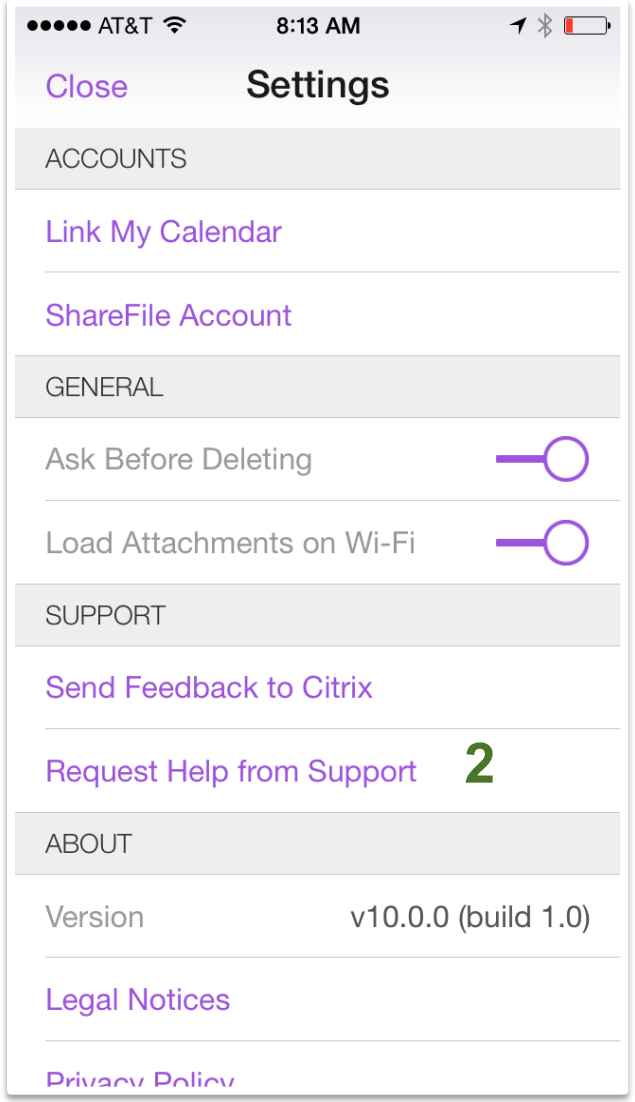
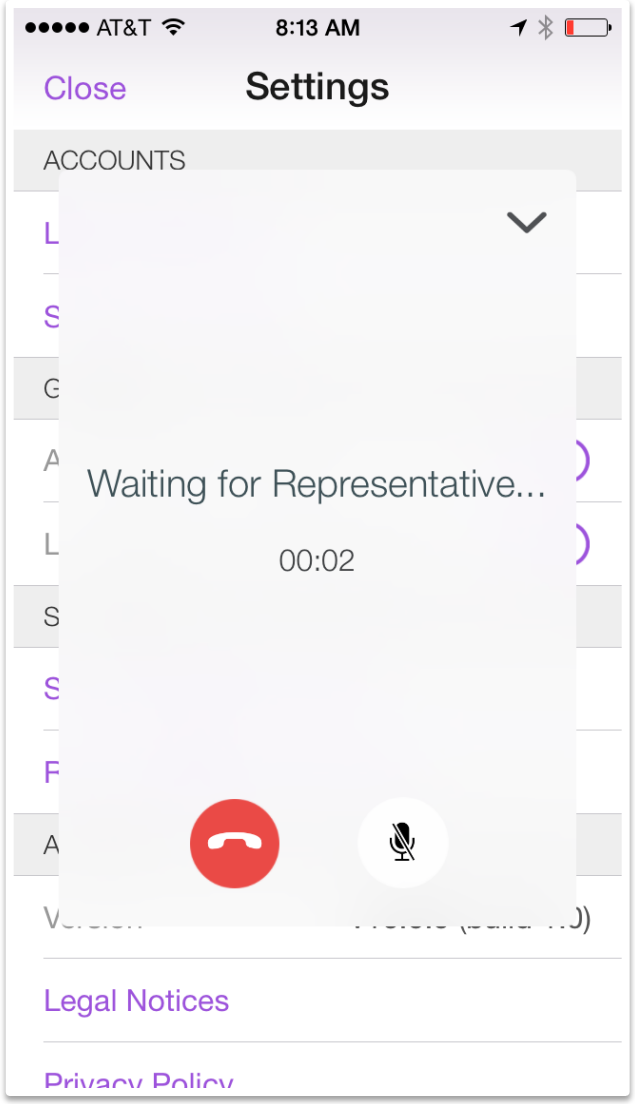
User Requesting for Help for WorxNotes







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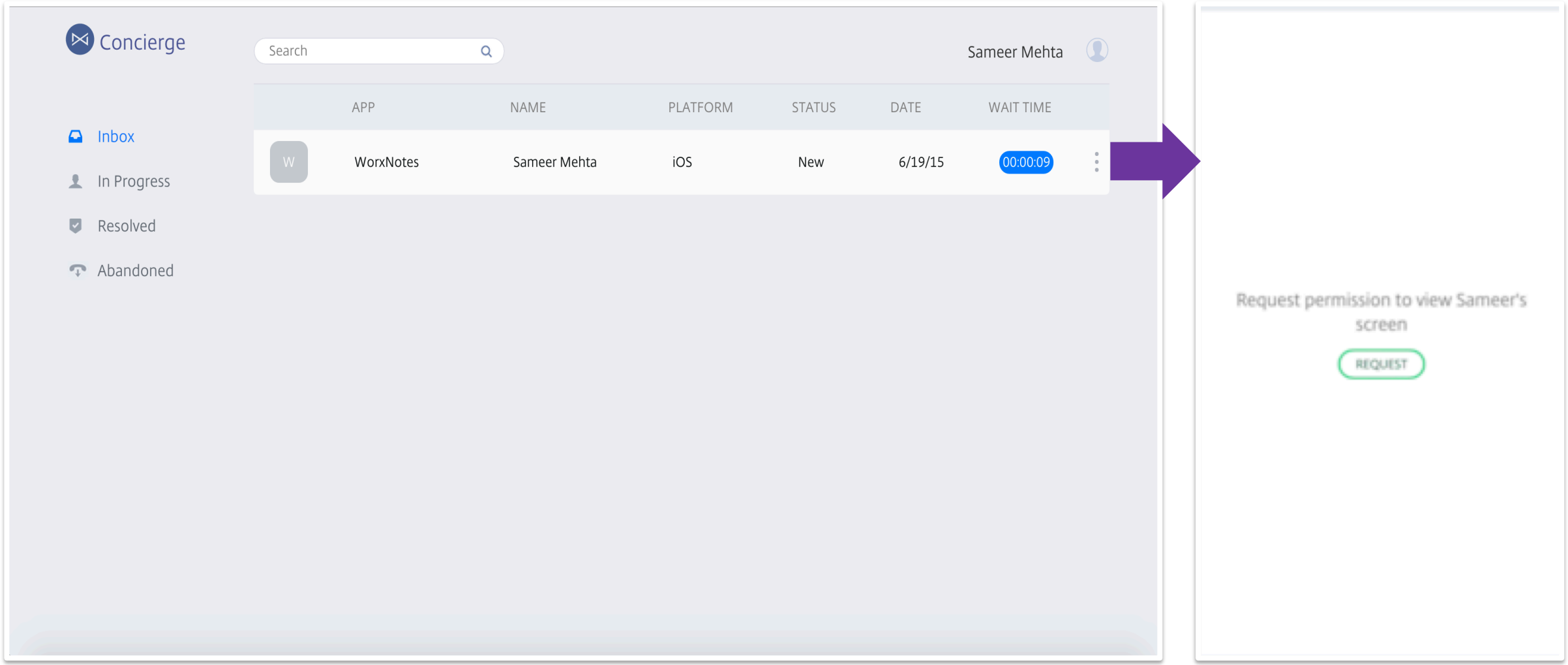
Support accepting user's help request



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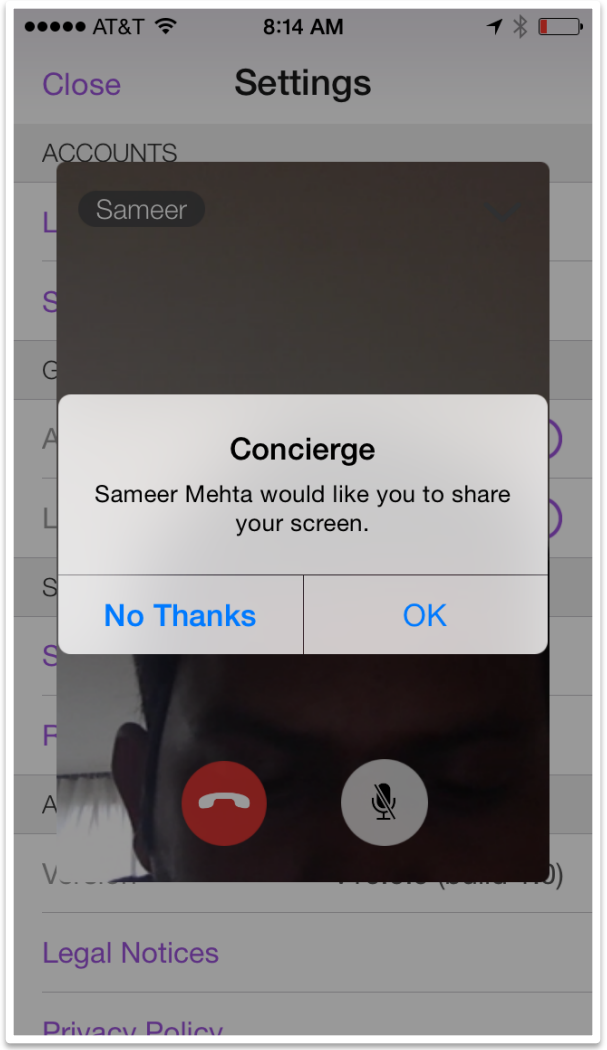
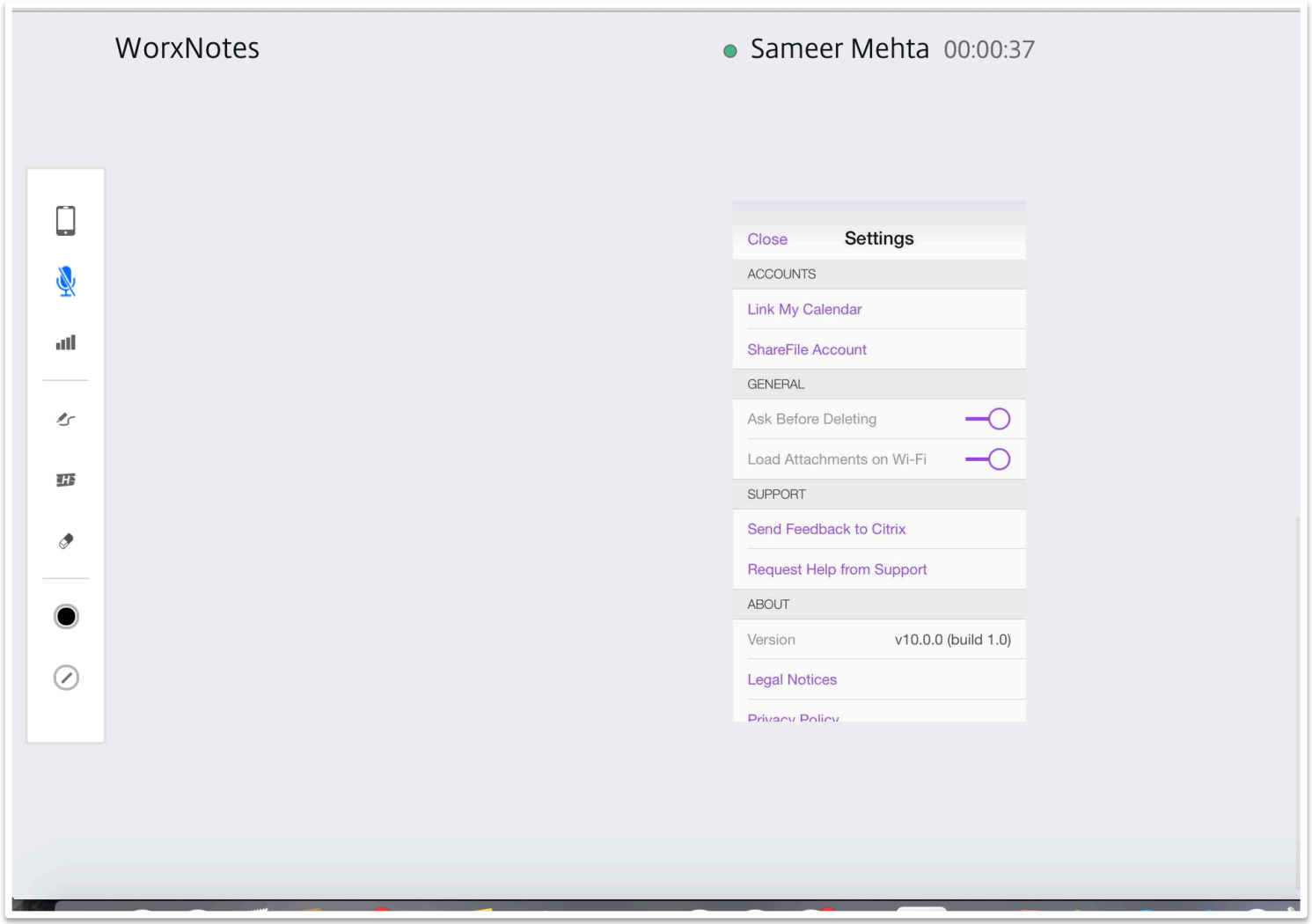
User Consent & Start Troubleshooting





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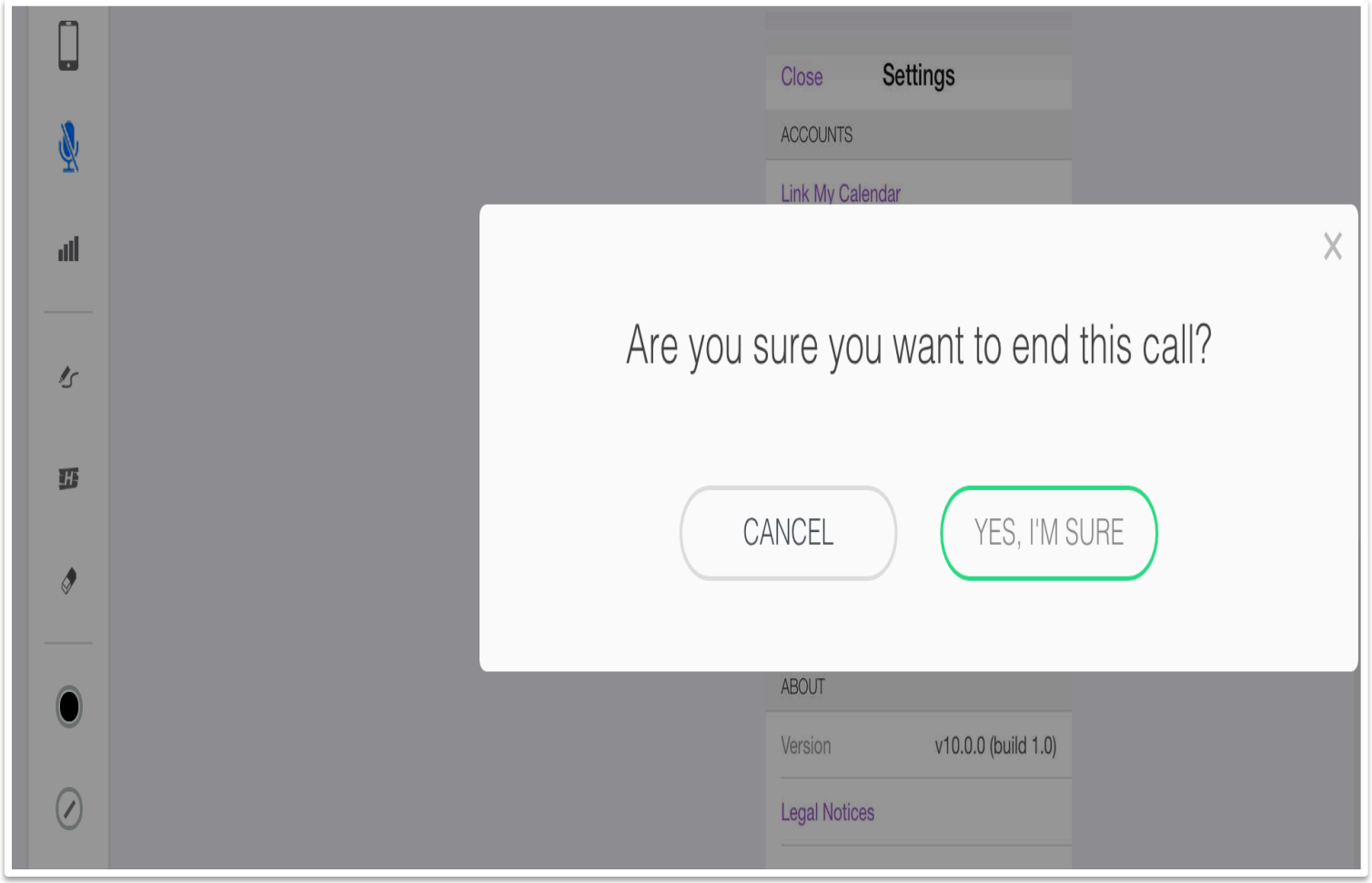
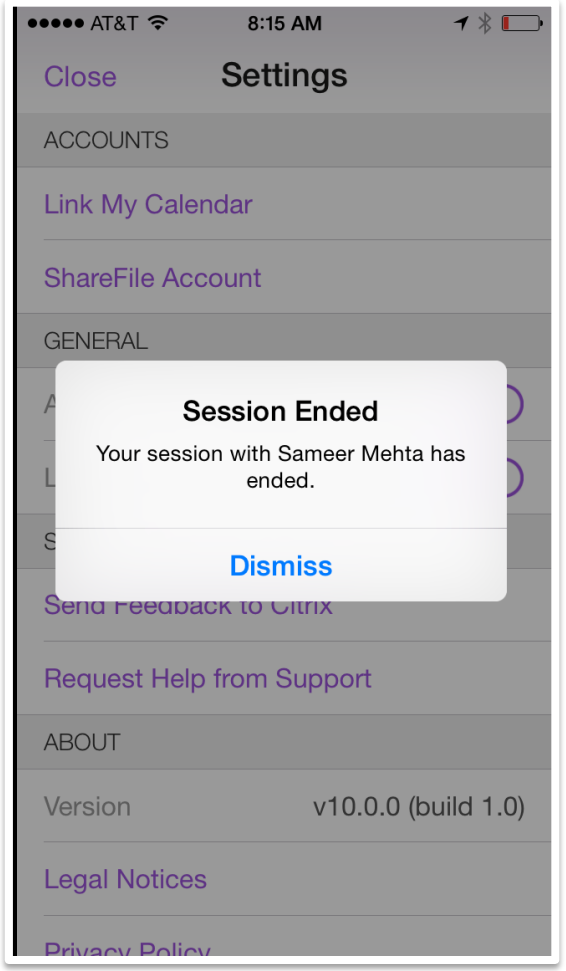
Support ends the session

User receives notification





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