Preparing iPads for the Field

This document explains how the iPads need to be prepared for the field before your field season starts.

Requirements

- All iPads should be on the latest iOS version.
- iPads should not be older than 4 years.
- Make sure your iPads have sufficient battery life or get their batteries renewed.
- If you intend to use covers for the iPads note that this might contribute to overheating problems in hot climate. iPads tend to switch off if they get too warm and battery life is decreased. Sometimes it is better to accept a few scratches and go with the normal Apple flip covers than having your iPads overheat all the time.
- Tempered glass screen protectors are recommended since the display is the most vulnerable part of the device.
- All iPads must have the latest Filemaker Go installed (it is free). FileMaker Go versions 19 and 23 are supported.

Date, Time and Time Zone

Synchronization is all about time. Make sure that all iPads are on the local date and time and time zone. IPads (and also laptops using FileMaker) must use the same date, time and time zone as the local server or synchronization will not work reliably.

Install Chrome Browser

The Google Chrome Browser for iPads is free, and its download management is much better than Safari's. We recommend using Chrome on iPads.

Install Kiosk Bridge

While Kiosk is still supporting the traditional way of downloading and uploading recording data via Browser, KioskBridge is recommended for iPads. It is currently in Beta testing and published over an Apple app called "TestFlight". Here is how you install KioskBridge on the iPads:

- Install Apple's TestFlight from the AppStore – It is free.
- In a Browser go to http://sites.brown.edu/kiosk/kioskbridge and follow the instructions.
- It will take you to TestFlight and after a few consents you get the option to install KioskBridge
- After that you'll find KioskBridge as a normal App on the iPad's home screen.
- Note that the app is only valid for 90 days max. After that it won't start anymore.
- After you installed KioskBridge you can configure it only once you are in the field and connected to the local kiosk network

Prepare each iPad in the field

- Doublecheck that each iPad has the correct local time, date and time zone set.
- Connect the iPad to the local Kiosk router (Wi-Fi is usually kiosknet).
- Open KioskBridge, go to settings and fill in the basic Kiosk configuration for your ipad:
  - Kiosk URL is usually http://kiosk, your admin knows the exact address.
  - User Id is the Kiosk User Id of the user downloading the recording data to this ipad. Your admin gives you that one.
  - Password is that Kiosk User's password

- o   Dock Id is the Id of this workstation in the Kiosk Hub.
- Once you have entered the information KioskBridge will ask you "Do you really want to connect to a different dock? …". Please confirm that with Yes.
- If the information is correct the header of the app should turn green and your KioskBridge is ready to go.