MIRION
TECHNOLOGIES

MIRION TECHNOLOGIES

Radiation. **Safety.**

instadose+ dosimeter

End Wearer Guide

The *instadose+ dosimeter*

instadose+ dosimeters use Bluetooth Low Energy (BLE) Technology to wirelessly transmit dose data. The badge never has to be sent in for processing.

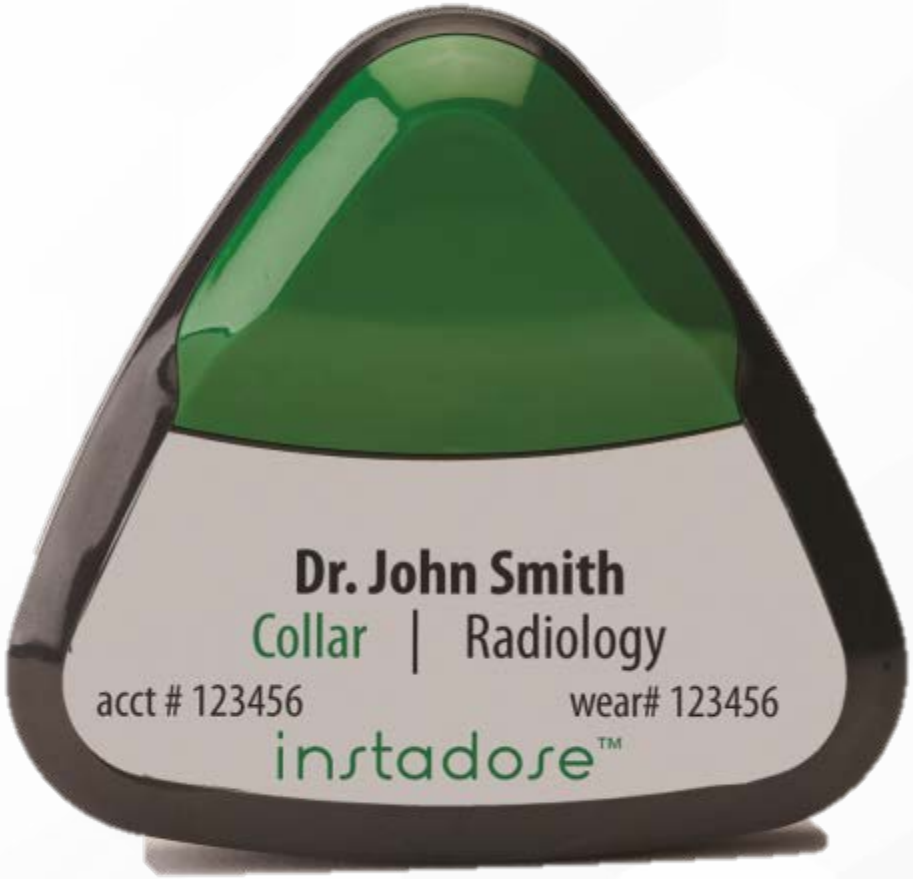
The following communication devices are used to capture reads from instadose+ badges that are within range:

- Smart devices with BLE technology with the instadose app installed
- PCs with an instaLink-USB connected
- instaLink Hotspot Stations

Label details

The label lists the following:

- Name
- Location to wear the badge
- Department
- Account number
- Wearer number



Dose readings

Your dosimeter comes with a predefined read calendar.

At the scheduled date and time, the badge will attempt to transmit data to Mirion's secure servers. If communication does not occur, the badge will attempt to communicate every hour for 24 hours without intervention.

If the dosimeter is unable to communicate, the data will be stored until the next successful connection is established.

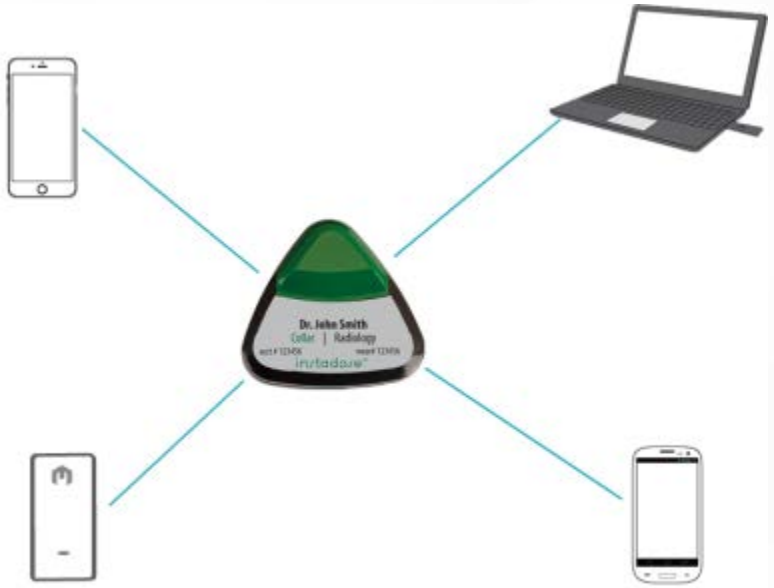
A manual read can be performed at anytime by pressing the button on the back of the badge.

When performing manual reads push and hold the button on the back of the badge at least 3 seconds or until you see a green light flash on the top of the badge. Wait until another series of green or red light flashes this will alert you of a successful communicated read.

Self-initialization read

Your dosimeter will perform a self-initialization read on the day before the assigned start date. DO NOT begin to wear the dosimeter before the start date. Dose will not be reported until the start date.

Until the dosimeter completes a successful communication with Mirion's servers your dosimeter will not show as initialized even though it is.
On the first successful communication the initialization read and any dose reads will be communicated changing the status to initialized.



Capturing dose reads

Smart devices

The instadose app for smart devices is application software that securely communicates dose data to Mirion's servers. The app allows you to view dose history, dose reads and status.

The instadose app requires the following:

- Login - credentials (received from your account administrator)
- The communication feature to be activated
- The mobile device must be awake for communication to be successful

The instadose Application OS / Hardware:

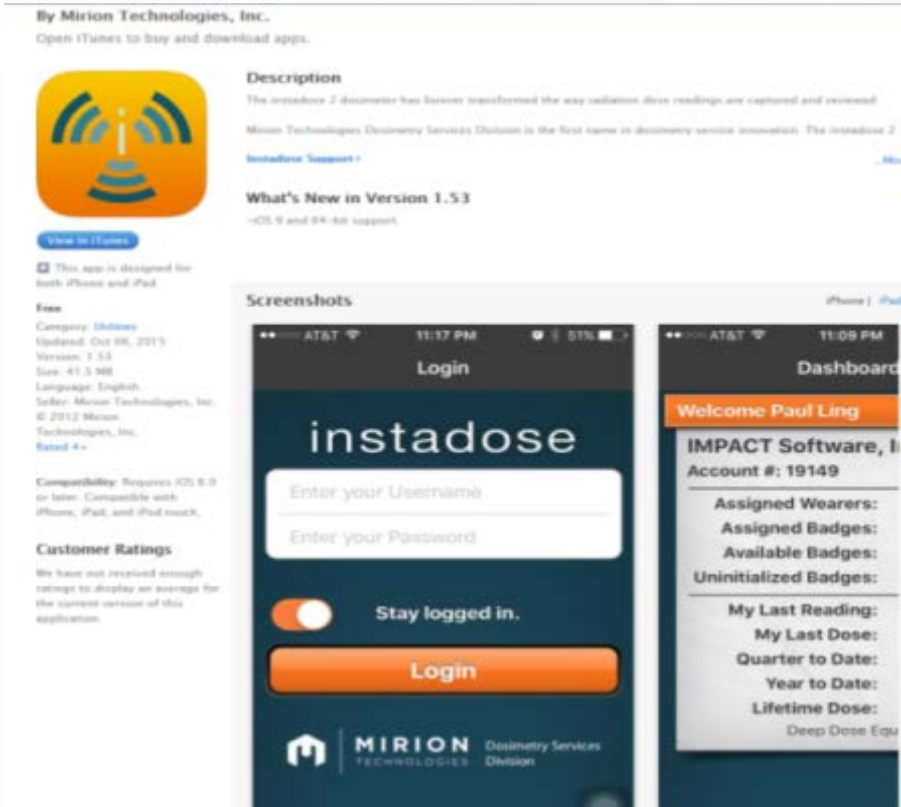
- iOS – version 7.0 and above on any iOS device (iPhone, iPad, iPod)

Android supported on the following OS versions:

- Jellybean (4.3.x)
- KitKat (4.4 – 4.4.4)
- Lollipop (5.0 – 5.1)
- Marshmallow (6.0)

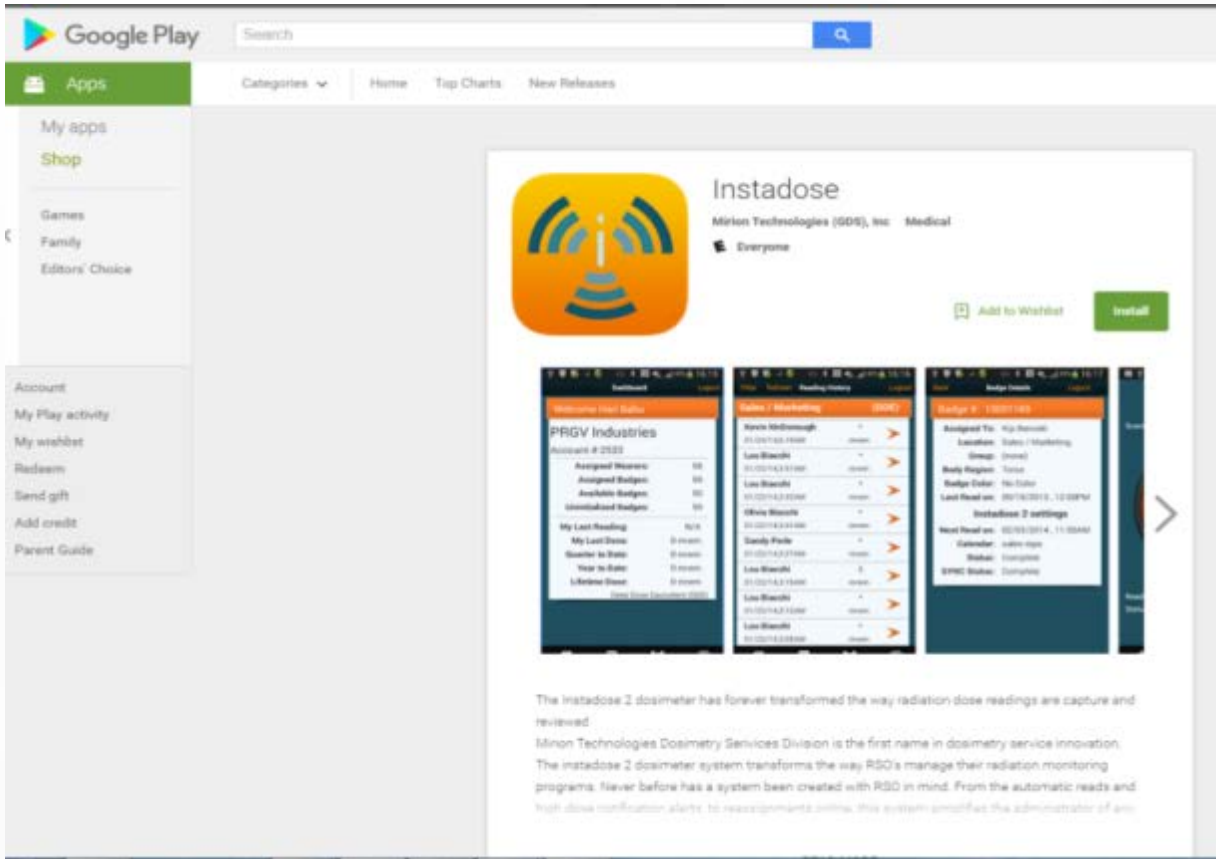
Installation guidelines apple devices

- Open the iTunes Store app
- Tap the magnifying glass to open the search function and type in “instadose”
- Then tap “Get” to install the free app
- Use the supplied username and password to log-in to the instadose app



Installation guidelines android devices

- Open the Google Play app
- Type in “instadose” to the Search bar
- Tap “install”
- Use the supplied username and password to log-in to the instadose app



Performing manual reads

When performing manual reads push and hold the button on the back of the badge at least 3 seconds or until you see a green light flash on the top of the badge. Wait until another series of green or red light flashes this will alert you of a successful communicated read.

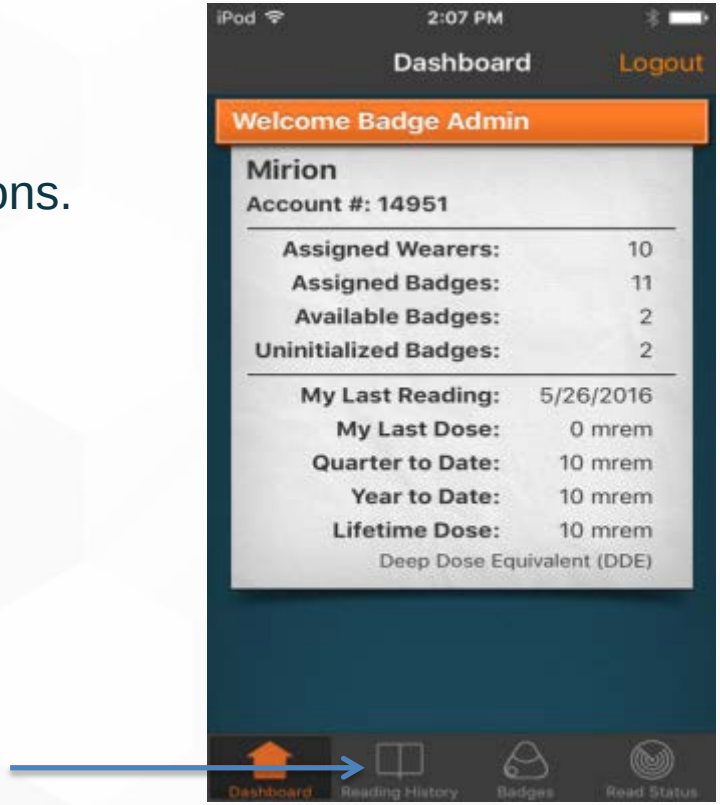
Button on the back of the badge.

Verifying reads

Click on the instadose app and tap on “Reading History” and refresh the data, by pulling down on the screen.

If the communication was successful you will see a time and date stamp of the read you just performed.

Additionally you can login to your account on instadose.com to verify successful communications.



FAQ section

Will my mobile device with the instadose App read my badge automatically?
No, you must be logged in to your app and enable the Scanning function from the "Read Status" tab. Once you have confirmed scanning is enabled
Why can't I turn my scanner on?
Scanning cannot be enabled if Bluetooth is currently disabled on your mobile device. Enable Bluetooth and re-initiate the scanning function.
Will I get any reminders to read my badge?
Your badge administrator may configure your account to send e-mail notifications in the event your badge did not automatically connect and provide a report.
How do I read my device?
Badges may be read both manually and automatically on a configurable schedule. At the scheduled date, as set by your badge administrator, the badge will attempt to transmit data to Mirion's secure servers. Manual reads can be performed at any time by pressing and holding the white button on the back of the badge for four seconds until the status light flashes green once. Manual badge reads are required when using the Instadose App to complete a badge read.
What is Bluetooth?
Bluetooth is a low power, wireless technology standard for securely exchanging data over short distances from both fixed and mobile devices.

How do I know it read successfully?

A successful badge read will be displayed in “Reading History" on your instadose.com account. If you are using the instaLink USB or instadose mobile apps you will see the status of current communications as the badge is read.

What is my instadose.com username and password?

Your user name and initial password will be assigned by your badge administrator. It is most common that your username will be your company e-mail address. It is also common that you will be required to set your own new password upon your first instadose.com login.

How often will my badge read automatically?

Mirion will work with your RSO and/or badge administrator to select the appropriate frequency for automatic badge reads

When do I read my device: Monthly? Quarterly?

The recommended minimum read frequency varies by organization and application. Your RSO will provide guidance on this. You may read your badge any number of times more frequently than your recommended frequency.

Is this badge waterproof?

No