

Infiviz Shots Deeplink - Usage Documentation

Overview

Infiviz is the flagship product of Inflect Technologies. Infiviz provides a full-fledged retail visibility and execution insights platform to retail manufacturers such as FMCG/CPG brands, Consumer Electronics Brands, Fashion & Footwear Brands.

Infiviz helps retail manufacturers to use their existing field force consisting of salesmen, merchandisers, sales reps or alternatively, crowd sourcing workers to capture photos of retail shelves and displays from several thousand retail outlets, during their regular visits, or sales calls and merchandising activities.

These photos are instantly transferred to Inflect's cloud where proprietary custom-built algorithms based on Computer Vision (CV) and Artificial Intelligence (AI) process them with very high accuracy and digitise the retail shelf and display photos at Stock Keeping Unit (SKU) level.

In the market, there are a lot of SFA Apps which provide Trade Promotion, Order Management, Retail Execution, which the CPG brands use to gather the data from the Stores. These Apps do not provide the capability to capture photos for different tasks for AI based Image Processing, hence are required to either integrate the Infiviz solution to their App or use Infiviz solution exclusively to use the AI solution.

This usage document provides guidance on integrating contextual deep linking functionality into the your SFA app, allowing for seamless interaction with the Shots App. This integration aims to enhance the overall user experience and enable a smooth transition between both apps.

Functional Flow

The integration of deep linking with the Shots App is designed to improve user interaction and provide an integrated user flow. Here is the functional flow:

- 1. Trigger Points from the Host App:** The Host App can initiate deep linking at specific points within their user journey, such as the Home Page or After Store Check-in.
- 2. Entry Points for Shots App:** Once the deeplink is triggered with the relevant parameters, the Shots App validates parameters passed via the URI when the deep link is invoked. The following entry points are defined:
 - **Login/Home Page (Store List)**
 - **Task List:** When a valid Store ID is provided.
- 3. Validation of Parameters:** The parameters passed through the URI dictate which screen should open in the Shots App. These parameters include:
 - **User ID:** Verified against the Shots App's data.
 - **Store ID:** When a valid Store ID is sent, the task list screen opens, enabling users to complete tasks.
- 4. Exit Points:** Users can complete all the phototaking tasks and actions in the Shots app and can exit from the Shots App back to the Host App by clicking device back from the Shots Home Page (Store List screen).

URI Integration

Host app needs to choose and integrate from the below links in their App, and pass on the relevant parameters dynamically to invoke the Infiviz Shots mobile App in the flow.

Note: Infiviz Shots App need to be Installed in the device and the user should be logged in to the Shots App, for the deeplink flow to seamlessly work without losing context.

Below are the deeplink supported URIs that can invoke the Infiviz Shots App when the relevant parameters are passed -

URI Scheme	Description	Parameters
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<pre>https://infiviz.ai/applink?key-action=show- screen&key-screen-id=store-listing- screen&key-client-id=<Client ID>&key-user-id= <Username></pre>	Redirects to the Store Listing home page.	<ul style="list-style-type: none"> • Client ID (static) • Username (dynamic)
<pre>https://infiviz.ai/applink?key-action=show- screen&key-screen-id=task-listing- screen&key-client-id=<Client ID>&key-user-id= <Username>&key-store-id=<Store ID></pre>	Redirects to the Task Listing page of a specific store.	<ul style="list-style-type: none"> • Client ID (static) • Username (dynamic) • Store ID (dynamic)
<pre>https://infiviz.ai/applink?key-action=show- screen&key-screen-id=store-listing- screen&key-client-id=<Client ID></pre>	Opens the Shots App without any user/store validation	<ul style="list-style-type: none"> • Client ID (static)

Validations

- If the user passes invalid User ID, a toast would be shown on the Home Page
 - *"Infiviz shots is already logged in with a different User ID"*
- If the user passes invalid Store ID, a toast would be shown on the Home Page
 - *"Invalid or missing Store ID, please select Store from the list."*

By integrating the above link, the Shots App will offer a superior user experience, allowing for a coherent and efficient flow between the Host App and the Shots App.