

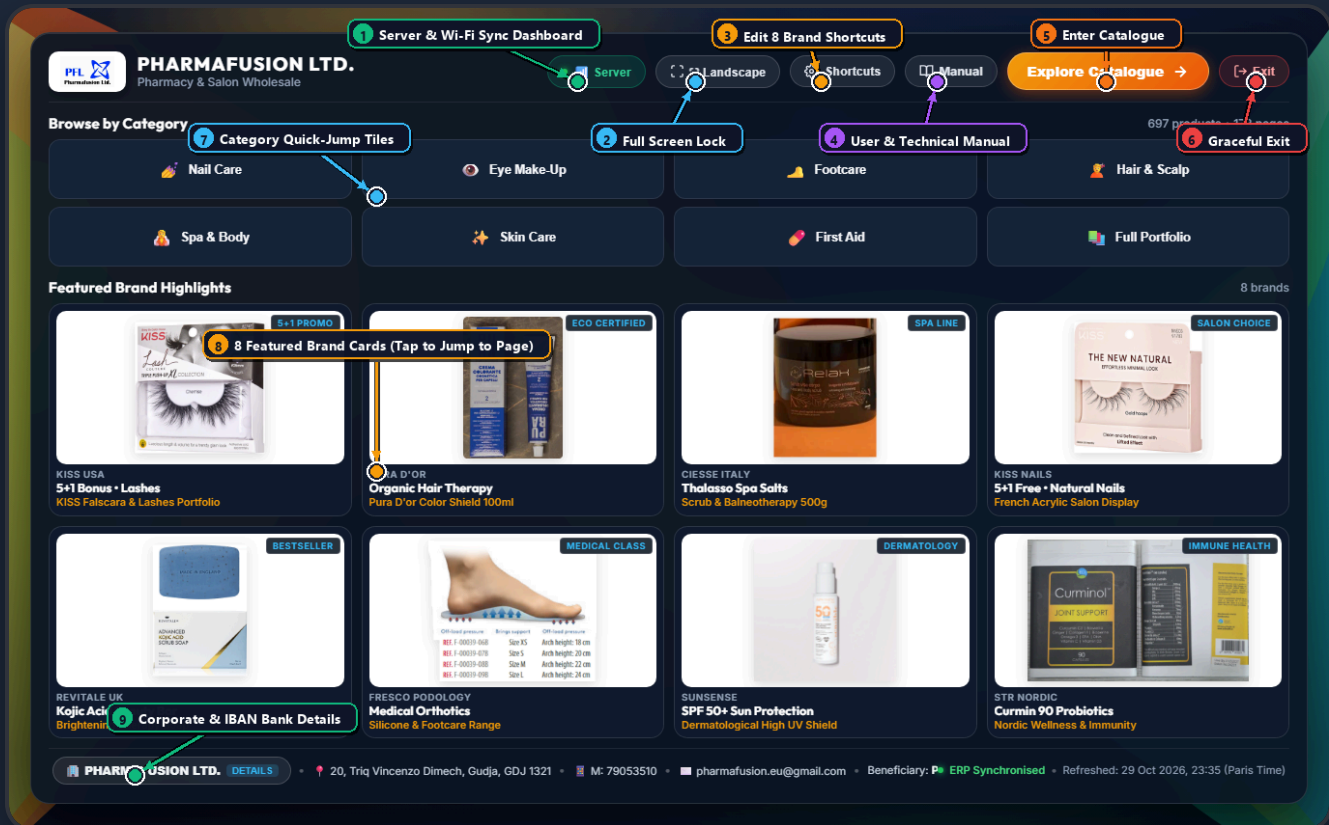
OFFICIAL FIELD & ENGINEERING REFERENCE

Pharmafusion & KISS Professional Tablet Catalogue Manual

Complete visual guide covering (1) Field Representative Navigation & Hidden Power Controls, (2) 1-Click Wi-Fi & 100% Offline Tablet Synchronisation, and (3) Visual FoxPro Product CRUD, Packshot Scraping & Antigravity Automation.

1.1 Splash Screen (Brand Cover) Controls

When you open the catalogue from the tablet Home Screen, you start on the **Pharmafusion Official Brand Cover**:



CALLOUT CONTROL / BUTTON

FUNCTION & HIDDEN TIPS

- | | |
|--|--|
| <p>1  Server</p> | <p>Opens the Home Server & Wi-Fi Sync Dashboard to test connection speed ( Ping) and run 1-Click Wi-Fi Sync Now before leaving home.</p> |
| <p>2  Landscape</p> | <p>Locks the tablet into edge-to-edge Full Screen Presentation Mode (hiding Android/iOS browser bars).</p> |
| <p>3  Shortcuts</p> | <p>Customises the 8 Featured Brand Cards on the Splash Screen (change title, subtitle, target page, or packshot image).</p> |
| <p>4  Manual</p> | <p>Opens this Visual User & Technical Manual (and its downloadable PDF) directly from the tablet Splash</p> |

CALLOUT

CONTROL / BUTTON

FUNCTION & HIDDEN TIPS

Screen, 100% offline.

5

Explore Catalogue →

Enters the interactive catalogue at Page 1.

6

 Exit

Gracefully exits Full Screen mode and closes the catalogue window.

7

Category Quick-Jump Tiles

Tap any category tile (*Nail Care, Eye Make-Up, Footcare, Hair & Scalp, Spa & Body, Skin Care, First Aid*) to open the catalogue filtered to that category.

8

8 Featured Brand Cards

One-tap shortcuts to your 8 flagship brand lines (*KISS Lashes, Pura Hair Dye, Ciesse Spa, KISS Nails, Revitale, Fresco Footcare, SunSense, STR Nordic*).

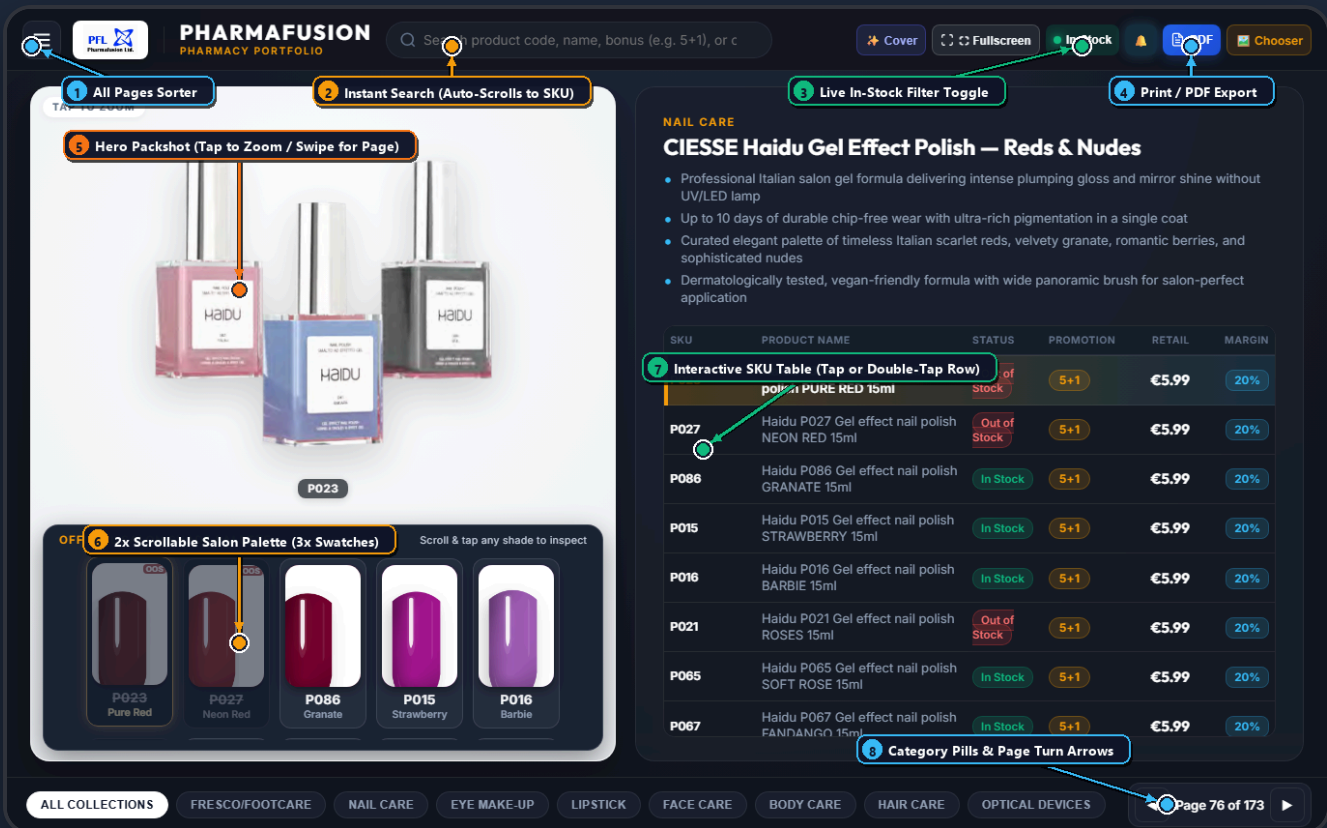
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 Pharmafusion Ltd.
Details

Opens the Corporate & Banking Details modal (VAT No., Reg No., and BOV IBAN with **1-Click Copy IBAN**).

1.2 Main 50/50 Presentation Stage & 2× Scrollable Salon Shade Palette

Inside the catalogue, the screen is split 50/50 between the **Visual Studio Stage** (left) and the **Commercial Table** (right):



CALLOUT CONTROL / AREA

1 All Pages Sorter

2 Instant Search Box

FUNCTION & HIDDEN POWER FEATURES

Opens a full-screen thumbnail grid of all pages so you can visually jump to any page in one tap.

Type any SKU code (e.g. **P023** , **F-02120-01**), shade name, or keyword. **Hidden Power Feature:** On multi-product pages, searching a product automatically **selects that item, spotlights its packshot/swatch, highlights its table row in gold, and scrolls the table** so the matched row is centered!

CALLOUT

CONTROL / AREA

FUNCTION & HIDDEN POWER FEATURES

3

• In Stock Toggle

Filters the catalogue in real time to show **only products with live stock > 0**, hiding out-of-stock rows and pages during customer presentations.

4

PDF / Print & Cover

✨ **Cover** returns to the Splash Screen; ⌂ **Fullscreen** toggles full-screen mode; 📄 **PDF** formats the page for wireless printing or PDF export.

5

Hero Packshot Stage

Single Tap the hero packshot to open the **Floating Zoom Spotlight Modal**. **Swipe Left/Right** across the stage to turn to the next/previous catalogue page. On multi-product pages with distinct items, use the top-right 🗪 **Show All / 🔍 Spotlight** button to switch between grid view and single spotlight carousel.

6

2× Scrollable Salon Shade Palette (3× Swatches)

Appears on **Haidu Gel Effect Nail Polish** (000383 , 000384) and **Pura Permanent Hair Dye** (000356). Features **3× oversized nail/hair swatches** (78×126px) in a **2× tall vertically scrollable tray**. **Single Tap** any swatch to select it and scroll the table to that SKU; **Double Tap** to open the Zoom Modal. Out-of-stock shades are automatically ghosted with an 00S badge.

7

Interactive Commercial SKU Table

Displays SKU, Product Name, Live Stock Badge (In Stock / Out of Stock), Promotion (5+1), Retail Price (incl. 18% VAT), and Nominal Margin (20%). **Single Tap** a row to spotlight that product; **Double Tap** a row to open the Zoom & Margin Calculator Modal.

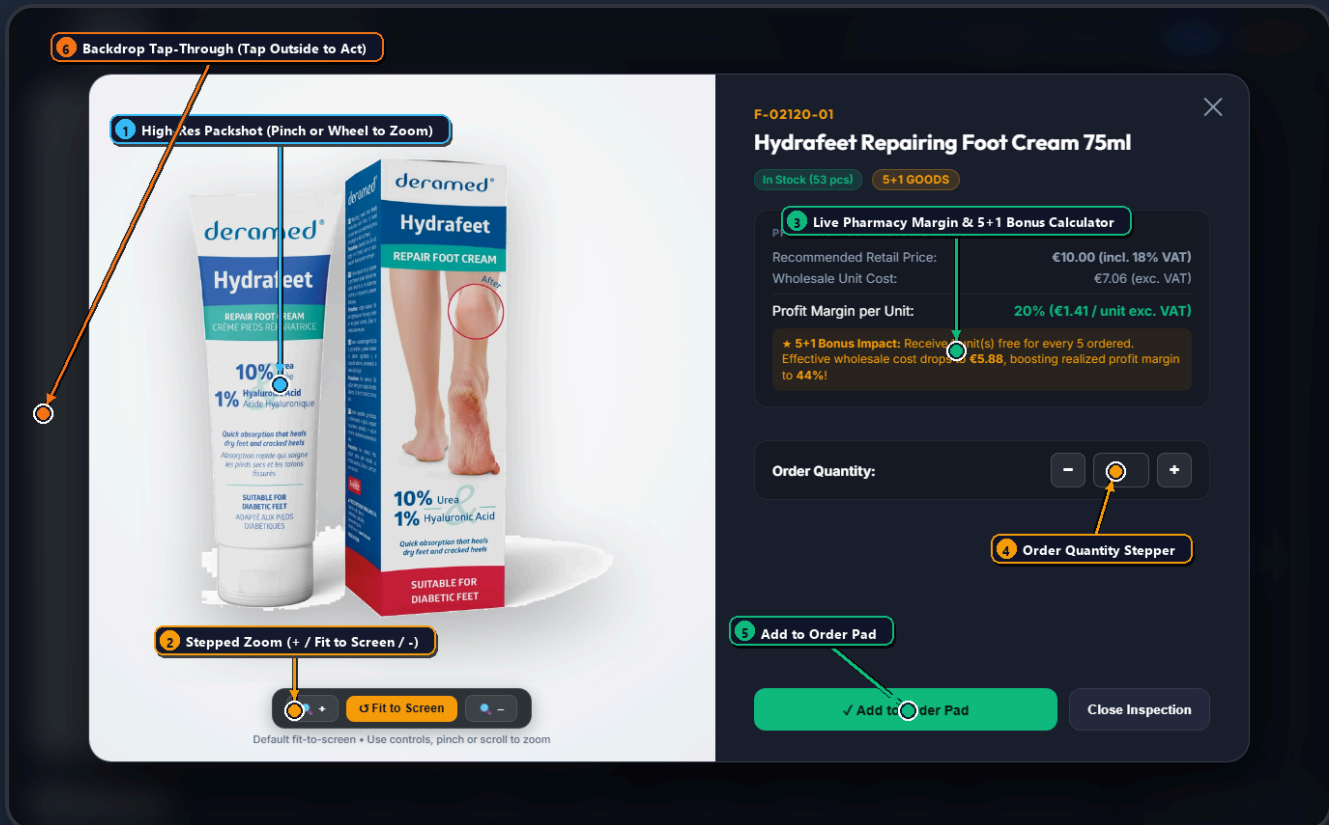
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Category Pills & Page Turn Arrows

Tap any bottom category pill to switch chapters, or tap ◀ / ▶ (or swipe left/right on the table) to turn pages.

1.3 Floating Inspection Spotlight Modal & Margin Calculator

Tapping any hero packshot or double-tapping any table row / shade swatch opens the **Floating Inspection Spotlight Modal**:



CALLOUT CONTROL / AREA

1 High-Res Zoomable Viewport

Pinch with two fingers on the tablet (or scroll the mouse wheel on laptop) to zoom up to **4x** and drag with one finger to pan across fine packaging text.

2 Stepped Zoom Bar

Tap **+** to zoom in, **Fit to Screen** to reset, or **-** to zoom out.

CALLOUT

CONTROL / AREA

FUNCTION & HIDDEN POWER FEATURES

3

Live Pharmacy Commercial Margin Calculator

Displays the Recommended Retail Price (incl. 18% VAT), Wholesale Unit Cost (exc. VAT), Profit Margin per Unit (**20%**), and the ★ **5+1 Bonus Impact** box showing how ordering 5+1 boosts the pharmacist's realized profit margin to **44% – 52.5%**.

4

Order Quantity Stepper

Tap – / + or type a quantity to prepare the order line.

5

✓ Add to Order Pad

Adds the selected SKU and quantity to the order pad.

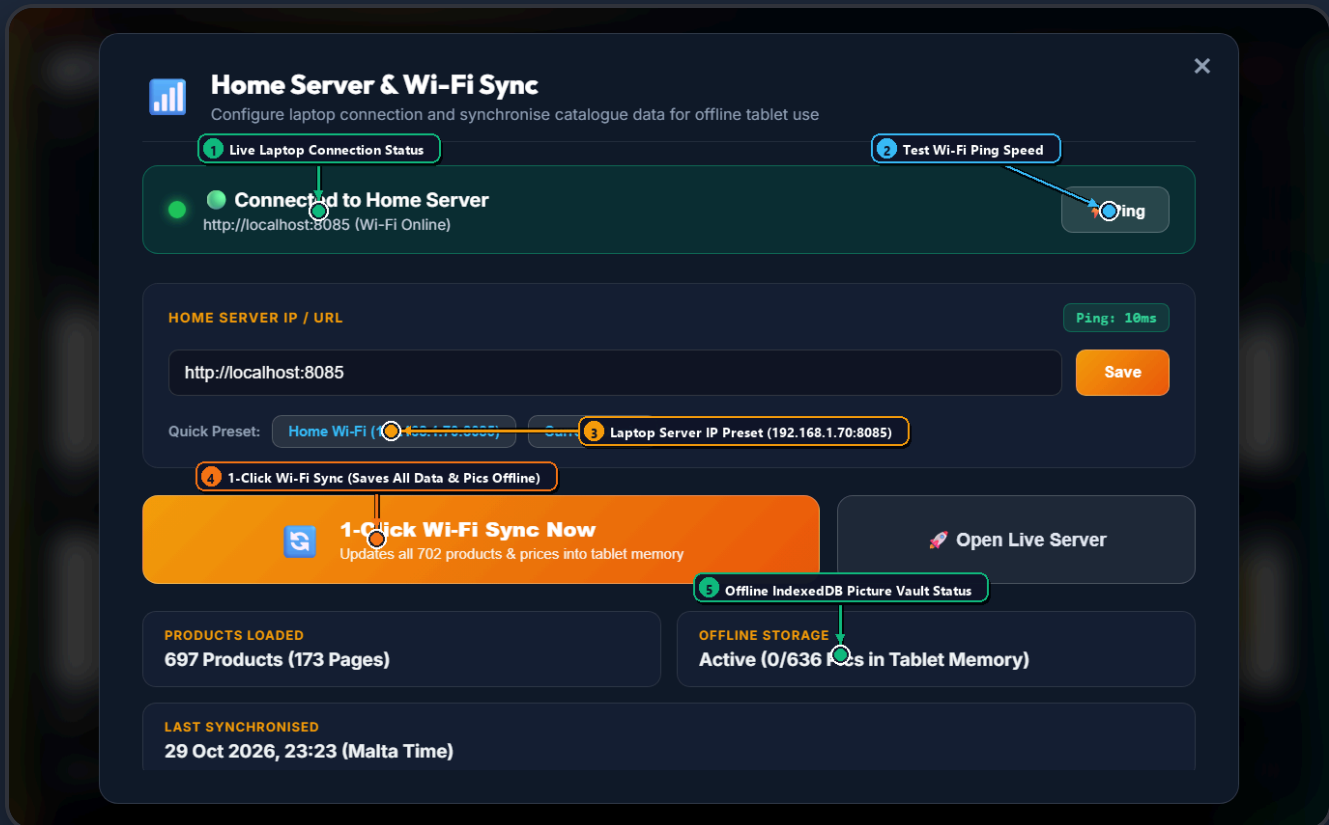
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Backdrop Tap-Through (Hidden Power Feature)

You do **not** need to tap **✕** first to click something behind the modal. Tapping **anywhere outside the modal card** (e.g. directly on another SKU row, a shade chip, or the Next Page arrow) closes the modal and **executes that underlying click immediately** in one tap.

2.1 Home Server & 1-Click Offline Synchronisation

Tapping  **Server** on the Splash Screen opens the expanded **Home Server & Wi-Fi Sync Dashboard**:



CALLOUT

CONTROL / INDICATOR

HOW IT WORKS

- | | | |
|---|---|---|
| 1 | Live Laptop Connection Banner | Shows green (Connected to Home Server) when your laptop is running <code>Start_Catalogue_Server.bat</code> on local Wi-Fi, or amber (Offline Mode Active) when you are visiting pharmacies with the laptop off. |
| 2 |  Ping Button | Tests live Wi-Fi response time in milliseconds between the tablet and laptop. |
| 3 | Home Wi-Fi Preset
(<code>192.168.1.70:8085</code>) | One-tap preset for your laptop's local IP address. |
| 4 |  1-Click Wi-Fi Sync Now | Triggers a live <code>0.28s</code> Visual FoxPro ERP extraction on the laptop, saves all 697 products & |

CALLOUT**CONTROL / INDICATOR****HOW IT WORKS**

173 pages into tablet `localStorage`, and downloads all high-resolution packshots into the tablet's persistent `IndexedDB` vault.

5**Offline Storage Counter**

Confirms how many product pictures are permanently stored inside the tablet's offline `IndexedDB` memory (``pharmafusion_offline_vault``).

One-Time Setup for Any Future Android Tablet

1. Double-click `Start_Catalogue_Server.bat` on the laptop.
2. Open **Chrome** on the new tablet and paste into the address bar:

```
chrome://flags/#unsafely-treat-insecure-origin-as-secure
```

3. Enter `http://192.168.1.70:8085` into the text box, set the dropdown to **Enabled**, and tap **Relaunch** (this allows Chrome's offline Service Worker to run over local HTTP Wi-Fi).
4. Open `http://192.168.1.70:8085`, tap the Chrome : **menu** → **Add to Home screen**, then tap  **Server** →  **1-Click Wi-Fi Sync Now**.

3.1 Product CRUD, Packshot Standardization & Antigravity Workflows

1. Live Stock & Price Sync (`sync_live_vfp_to_catalogue.py`)

Whenever `serve.py` starts or a tablet taps **1-Click Wi-Fi Sync Now**, `sync_live_vfp_to_catalogue.py` reads your Visual FoxPro tables in binary in **0.28 seconds**:

- Calculates live stock: `Delivered Purchases (purchases.dbf + purchase_line_items.dbf) - Invoiced Sales (invoices.dbf + orditems.dbf) - Consigned`.
- Writes the live stock into `UNITS_IN_S` inside `C:\nirvana_ent\data\products.dbf`.
- Updates `stock`, `in_stock`, `price ( REC_SELLIN )`, `cost ( RSP × 0.80 )`, and `bonus ( SPEC_OFFER )` in `tablet_app/catalogue_data.json`.

2. Adding, Updating, or Discontinuing Products (CRUD)

- **Create (Add Product):** Add the product in VFP (`C:\nirvana_ent\data\products.dbf`) with its `PC_ID` linking to `product_catalogue.dbf`, place its `800×800` transparent PNG in `tablet_app/images/` and `C:\nirvana_ent\product_images_small\`, and add the product entry to `tablet_app/catalogue_data.json`.
- **Update (Price / Offer / Stock):** Edit `REC_SELLIN` or `SPEC_OFFER` in VFP `products.dbf` and tap **1-Click Wi-Fi Sync Now** on the tablet.
- **Delete (Discontinue Product / Page):** Set `DISCONTINU = .T.` in `C:\nirvana_ent\data\products.dbf`, set `HIDE_PAGE = .T.` in `product_catalogue.dbf` if the page has no remaining active products, and remove the item/page from `tablet_app/catalogue_data.json`.

3. The 800×800 RGBA Lanczos Packshot Scraping & Standardization Pipeline

- **PDF Extraction (`PyMuPDF` / `pymupdf`):** Extracts embedded product images and native soft-masks (`smask`) directly from supplier PDFs (KISS, Ciesse EGO, Haidu, Pura, Relaxperience, Fresco).
- **Web & CDN Scraping (`tools/`):** Uses targeted harvesters (`download_fresco_targeted.py`, `find_ciesse_brand_pdfs.py`, `download_alphanova_packshots.py`, `download_macks_packshots.py`) to pull high-res packshots from supplier CDNs.
- **800×800 Studio Standardization (`tools/standardize_final_6.py`):** Removes outer white backgrounds via corner flood-fill or alpha thresholding, crops to the tight product

bounding box, resizes with `Image.Resampling.LANCZOS` so the longest dimension is `740px`, centers on an `800×800` transparent RGBA PNG canvas, and saves to both `tablet_app/images/` and `C:\nirvana_ent\product_images_small\`.

- **Pushing Replaced Images to Tablets:** Add replaced image paths to `FORCE_REFRESH_IMAGES` and bump `UPDATED_IMAGE_PATCH_ID` in `tablet_app/app.js` so tablets overwrite those specific cached blobs in `IndexedDB` in under 1 second on next sync.

4. Copy-Paste Prompt Recipes for Antigravity

To perform any catalogue update automatically in future sessions, simply paste one of these prompts into Antigravity:

Replace / Scrape a Product Image:

"Product <CODE> (<NAME>) on page <PAGE_ID> has the wrong picture. Find the official packshot from the supplier catalogue PDF or web, standardize it to an 800×800 transparent PNG using our Lanczos pipeline, save it to tablet_app/images/ and C:\nirvana_ent\product_images_small\, and bump UPDATED_IMAGE_PATCH_ID in app.js so the tablets refresh it on sync."

Discontinue Products:

"The following products are discontinued: <list product names or codes>. Mark them DISCONTINU = .T. in C:\nirvana_ent\data\products.dbf, hide their page in product_catalogue.dbf if no products remain on that page, and remove them from tablet_app/catalogue_data.json."

Add New Products from Visual FoxPro:

"I have added new products in Visual FoxPro (products.dbf) under supplier <SUPPLIER> / page <PC_ID>. Please read products.dbf, scrape and standardize their 800×800 packshot images from the supplier catalogue/website into tablet_app/images/ and C:\nirvana_ent\product_images_small\, add them to tablet_app/catalogue_data.json, and run sync_live_vfp_to_catalogue.py."