PRODUCT DOCUMENTATION

StarTrack: Multi-Store Stock, Sales and Expenses

Prepared by Temidayo Sunday Alade, StarTechOne Nigeria Ltd

Google Apps Script · Google Sheets · JavaScript · Electron · Capacitor

2
ways to run it: Apps Script or an HTTP API

3
targets: web, desktop, Android

0
servers to rent in the first version

> StarTrack is a StarTechOne product. No customer data is shown here. A live demonstration is available on request.

WHAT IS INSIDE

1 The story behind the product
2 Words used in this document
3 What it does
4 How it is built
5 How it is sold
6 Where StarTrack is now
7 Links
8 Who uses it, and for what
9 A month with one product (an illustration)
10 Why it was built this way
11 A sensible way to roll it out
12 Questions a buyer is likely to ask

01 THE STORY BEHIND THE PRODUCT

> *Imagine a shop owner with three stores. Each store keeps its own notebook. At the end of the month the owner adds up three sets of numbers, finds that stock does not match sales, and cannot tell which store lost the difference.*
>
> *StarTrack is one place where every store records what came in, what went out and what was spent.*

A retailer with more than one store needs to see what sold, what is running out and what was spent in every store, from one place, without paying for a server.

02 WORDS USED IN THIS DOCUMENT

Word	What it means
Stock in, stock out	Goods received into a store, and goods sold or removed from it.
Role	A set of permissions. A cashier sees and does less than an owner.
Transport layer	The part of the app that carries requests from the screen to wherever the data is kept.
Apps Script	Google's scripting platform. It lets a web app run on Google's servers using a Google Sheet as its database.
Electron, Tauri, Capacitor	Tools that wrap a web app so it installs as a desktop or Android app.

03 WHAT IT DOES

Area	What you can do
Inventory	Multi-store stock in and stock out.
Money	Income and expense tracking for each store.
Dashboard	Analytics on sales, stock and spending.
Access	Role-based access, so each person sees and does only what their job allows.

04 HOW IT IS BUILT



Version 1: runs on tools the business already has

The first version is a Google Apps Script web app with Google Sheets as the back end, so it needs no server and no hosting bill.

Version 2.1: the dual transport layer

Version 2.1 adds a dual transport layer. The same front end can talk to Apps Script or to an HTTP API, which means it can be packaged as a desktop app with Electron or Tauri, or as an Android app with Capacitor. Migration notes and an example Node API server ship with it.

05 HOW IT IS SOLD

Option	What the buyer gets
One-off purchase	Full ownership and a support period.
Yearly subscription	A setup fee, then an annual fee.

06 WHERE STARTRACK IS NOW

The first versions described above became the base for a full business system, now live at startrac.netlify.app. It keeps the original idea, one place for every store's records, and adds what small businesses asked for.

Area	What it does now
Till	Cash, POS and transfer, split payments, discounts, VAT, returns, held sales and barcode scanning. Receipts print or go out on WhatsApp.
Stock	Every unit in and out is logged, with low-stock and expiry alerts.
Branches	Separate stock and staff for each branch, with one dashboard comparing profit and loss.
People and control	Staff roles, PINs and a full audit trail.
Customers	Loyalty cards with a QR code, and a landing page for each business.
AI assistant	Reads a product list or menu in any layout, skips duplicates, and shows what it will add before anything changes. Answers questions about sales in plain English.
Trades	Screens, units and rules for supermarkets, restaurants, hotels, electronics, window blinds, water factories, poultry farms, cold rooms, laundries, salons, gyms, training academies and agencies.

Area	What it does now
Connectivity	The till keeps selling offline and syncs when the network returns.
Plans	Freemium, Pro and Business, paid monthly in naira, with 14 days of Pro free in the first month.

07 LINKS

Live product: startrac.netlify.app

First landing page: star-track-nu.vercel.app

08 WHO USES IT, AND FOR WHAT

Roles are set up for each business, so the table below shows typical examples and not a fixed list.

Person	What they need to do	What StarTrack gives them
Owner	See how every store is doing without visiting each one	One dashboard across stores for sales, stock and spending
Store manager	Keep stock and expenses right for one store	Stock in and stock out, and expense records for that store
Sales attendant	Record what was sold	An entry screen limited to what their role allows

09 A MONTH WITH ONE PRODUCT (AN ILLUSTRATION)

The numbers below are invented to show how the records answer the question the owner started with.

Line	Quantity	Where it comes from
Opening stock, 1st of the month	120	Closing stock of last month
Stock in	40	Deliveries recorded during the month
Stock out	55	Sales and removals recorded during the month
Stock the books say should be there	105	120 + 40 − 55
Stock counted on the shelf	103	A physical count at month end
Difference to investigate	2	105 − 103

> **An everyday example.** With one notebook per store, the owner sees these differences only when the three notebooks are added up, if at all. With one system, the difference appears for the right product in the right store at month end, and the owner can ask about it while the memory is fresh.

10 WHY IT WAS BUILT THIS WAY

Choice	Reason	What it costs
Google Apps Script with Google Sheets first	No server to rent, and the business already knows spreadsheets	Limited by what Apps Script allows, so it suits small and medium shops
A dual transport layer in version 2.1	The same screens can run on Apps Script or on an HTTP API, so the product can move without being rewritten	Two back ends to keep in step

Choice	Reason	What it costs
Electron, Tauri and Capacitor wrappers	One front end can ship as a desktop or Android app	Each package needs its own testing
Role-based access	Staff see only what their job needs	Roles must be set up carefully at the start

11 A SENSIBLE WAY TO ROLL IT OUT

A ROLLOUT IN FIVE STEPS

1. List the stores, the products and the people who will use the system, and decide each person's role.
2. Enter opening stock for every store from a physical count, not from memory.
3. Run the system next to the old notebooks for one month and compare the two at month end.
4. Investigate every difference, because the first month shows where the old method was losing track.
5. Switch the notebooks off once the differences are small and understood.

12 QUESTIONS A BUYER IS LIKELY TO ASK

Question	Answer
Do I have to rent a server?	Not for the first version, which runs on Google Apps Script with a Google Sheet. The HTTP API route is there for businesses that outgrow it.
Can it run on a phone or a computer?	Yes. It is a web app, and it can be packaged for the desktop with Electron or Tauri and for Android with Capacitor.
Can different staff see different things?	Yes. Access is by role.
Can I buy it once?	Yes, as a one-off purchase with a support period, or as a yearly subscription with a setup fee.

Temidayo Sunday Alade · aladetemidayo7@gmail.com · dayo@startechone.com.ng · linkedin.com/in/aladetemidayo-sunday