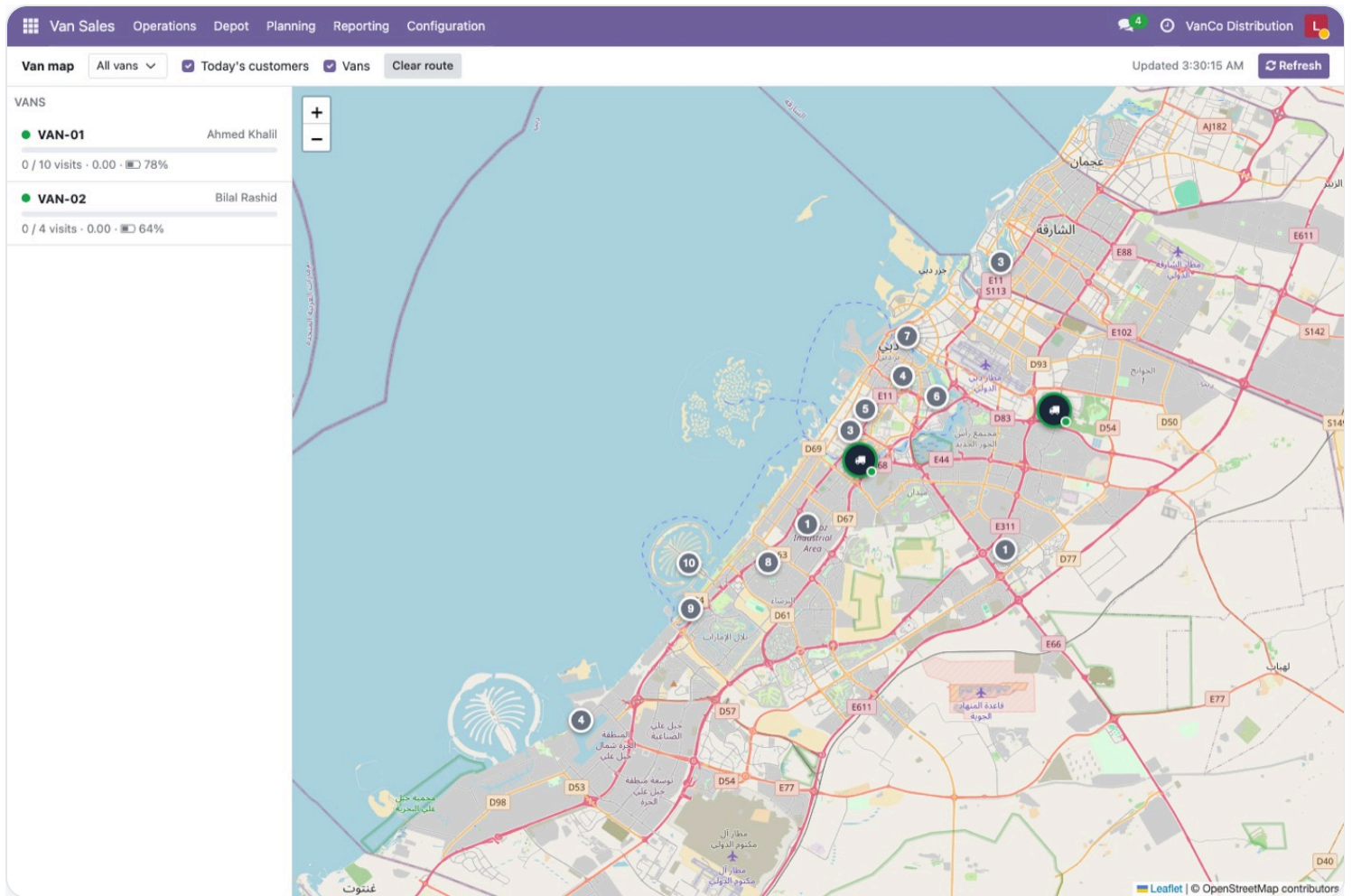


Odoo Van Sales & DSD

A guide to Odoo Van Sales & DSD: installing the module, vans, routes, prices, credit, loading, selling, returns, collections, printing, settlement, and building and publishing the salesman app.

1. Start here

In plain words: This package gives you a complete **Van Sales and Direct Store Delivery (DSD)** system for **Odoo Community**: an **Odoo module** ([taqnix_van_sales](#)) for the depot and the office, and the **Flutter source code** of the **iPhone and Android app** your salesmen use in the street, with or without network coverage. The supervisor loads the van from the warehouse; the salesman signs the loading, follows the route of the day, sells from the van with live stock, prints the receipt on a Bluetooth thermal printer, collects cash, digital payments and post-dated checks, takes returns, and at the end of the day counts the stock and hands over the cash; the supervisor approves. Every document is a normal Odoo document: *sale order, delivery, invoice, payment, credit note*.



The supervisor map: vans, today's customers and their status.

Tip: No Odoo Enterprise app is needed: the module uses only Sales, Inventory and Invoicing, and OpenStreetMap for the maps (no paid map key).

2. What is in the package

Item	What it is
taqnix_van_sales.zip	The Odoo 19 module: vans, routes, visits with geofence, ex-van sales, returns, collections and post-dated checks, credit control, loading, settlement, receipts, supervisor map, the API of the app, Arabic translation, automated tests.
flutter-app-source.zip	The Flutter project of the salesman app (Android and iOS): offline database and outbox, sync engine, route and visits, basket with barcode scanner and units, pricing and taxes, credit checks, payments, returns, settlement, ESC/POS Bluetooth printing (58 mm and 80 mm), GPS tracking. With a setup script, its own README and tests.
documentation/	This guide in English (index.html) and Arabic (index-ar.html), with PDFs, and API.md for developers.
licensing/	The licence (OPL-1: one purchase = one company and one app brand, updates included).
preview-images/	Screenshots of the app and of the Odoo screens.
changelog.txt	History of the versions.

3. How a day works

Moment	Who	What happens	In Odoo
Morning	Supervisor	Loads the van from the warehouse (a normal internal transfer, with a wizard that fills the stock levels).	A validated transfer to the location of the van.
Morning	Salesman	Opens the app, reviews the loading line by line, notes differences and signs.	The load becomes <i>Accepted</i> or <i>Disputed</i> .
Route	Salesman	Follows the plan of the day. A visit can only start near the customer.	A visit with GPS, distance and time.
At the customer	Salesman	Scans or picks products in units or cases, gets the right price and tax, takes cash, a digital payment, a post-dated check or leaves it on credit, prints the receipt.	Sale order, delivery from the van, posted invoice, payments.
At the customer	Salesman	Takes back damaged, expired or surplus goods and collects old invoices.	Credit notes, stock back to the van or to quarantine, payments on the oldest invoices.
Evening	Salesman	Counts the stock, counts the cash, signs.	A settlement waiting for approval.
Evening	Supervisor	Compares, approves: stock is adjusted, unsold goods can go back to the warehouse, the cash handover is booked.	Inventory adjustment, transfer, accounting entry.

In plain words: Offline first. Everything the salesman does is saved on the phone first with an unchangeable sequence number and sent to Odoo when there is a network. Each operation has a unique ID, so a lost answer or a retry never invoices a customer twice (chapter 20).

4. What you need

Item	Details
Odoo	19.0 Community or Enterprise. The apps Sales, Inventory, Invoicing and Contacts geolocation are installed automatically with the module; the pricelists feature is switched on.
Chart of accounts	A chart of accounts with at least one cash and one bank journal (any localization). Taxes of the kind <i>percentage</i> are supported.
Python libraries	<code>PyJWT</code> and <code>requests</code> (push notifications). <code>pip install PyJWT requests</code> if your Odoo does not have them.
PDF engine	<code>wkhtmltopdf</code> as for any Odoo (invoice and receipt PDF, settlement report).
Address	A public https address for your Odoo: the phones must reach it. A self-signed certificate does not work on phones.
Phones	Android 8 or newer, or iPhone with iOS 15 or newer, GPS and a camera. Salesmen should use a phone with an up-to-date battery.
Printers	Any portable ESC/POS thermal printer of 58 mm (2 inch) or 80 mm (3 inch) with Bluetooth. Android works with the common Bluetooth Classic models; iPhone only works with printers that offer Bluetooth Low Energy (chapter 14).
A computer to build the app	A Mac for iPhone and Android (Windows or Linux can build Android only), about 30 GB free, Flutter 3.41 or newer, Android Studio and Xcode.
Store accounts	Google Play Console and Apple Developer Program, or internal distribution to your own staff.
Optional	A free Firebase project for push notifications; an outgoing mail server in Odoo to email invoices.

5. Install the Odoo module

- 1 Unzip the package. Inside is `taqnix_van_sales.zip` ; unzip it to get the folder `taqnix_van_sales` .

- 2 Copy the folder into one of the `addons_path` folders of your Odoo server and restart Odoo.
- 3 Log in as an administrator, activate **Developer mode**, open **Apps** and press **Update Apps List**.
- 4 Remove the "Apps" filter, search **Van Sales** and press **Install**.

```
# or from the command line
./odoo-bin -c odoo.conf -d YOUR_DATABASE -i taqnix_van_sales --stop-after-init
```

In plain words: After the installation a new app **Van Sales** appears in the main menu. The installation also creates the parent stock location *Vans* and a *Return quarantine* location, the payment modes *Cash*, *Digital / QR*, *Post-dated check* and *On credit* (with your first cash and bank journals), return reasons, no-sale reasons and the settlement and return sequences. You can change all of them.

Important: Take a backup before installing on a production database, as for any module.

6. First setup in 15 minutes

- 1 Open **Van Sales** → **Configuration** → **Settings** and walk through the sections (chapter 10). The defaults fit most distributors.
- 2 Check the **payment modes** (*Configuration* → *Payment modes*): which journal receives digital payments and post-dated checks.
- 3 In **Settings** → **Settlement** choose the **cashier journal** and the **cash difference account**.
- 4 Create the **vans** and their salesmen (chapter 7).
- 5 Prepare the **products** (units, cases, barcodes, taxes), the **pricelists** and the **customers with their GPS position** (chapters 8 and 9).
- 6 Create the **routes** (chapter 9) and load the first van (chapter 11).
- 7 Build the app (chapter 21), sign in as the salesman and sell something.

Tip: Customers need their GPS position for the geofence: open the customer, press the geolocation button of the address, or import latitude and longitude. A customer without a position can be visited from anywhere.

7. Vans, salesmen, supervisors

In plain words: There are three groups in **Settings → Users → Van Sales**:

Group	Can	Uses
Salesman	Sign in to the mobile app of the van that is assigned to them. In Odoo they see only the documents of their own van.	The phone
Supervisor	Loads vans, plans routes, follows the map, reviews flagged sales, approves settlements, handles checks. Sees all vans.	Odoo in the browser
Manager	Everything of the supervisor plus the settings, payment modes, reasons and devices.	Odoo in the browser

In plain words: Open **Van Sales → Planning → Vans** and press **New**: the **name**, a short **receipt prefix** (for example **V01** : it starts every receipt number printed by this van), the **salesman** (an Odoo user; the group *Salesman* is added automatically), the **supervisor** who receives the to-dos, the **warehouse**, and whether the van can visit customers outside the plan or create new customers. The module creates the **stock location** of the van under *Vans*; press **Create cash journal** for the cash the salesman collects.

Van SalesOperationsDepotPlanningReportingConfiguration

New VansVAN-01

\$ 14,690.15Van stock

1 / 1

Load the vanSign out all devices

Send messageLog note

Today

OdooBot 3:28 AM

Sales van created

VAN

Name	VAN-01
Receipt prefix ?	V01
Salesman	Ahmed Khalil
Supervisor ?	Reem Saleh

STOCK AND CASH

Warehouse	My Company
Van stock location ?	Vans/Van V01
Cash journal of the van ?	Cash VAN-01
Default pricelist ?	Retail (USD)

RULES

Can visit customers outside the plan	☒	Presence	Online
Can create new customers	☒	Last Seen	Oct 27, 3:28 AM
		Last Battery	78
		Pending Load Count	1

Routes

Stock levels

Name	Custom...
Route A - Dubai Central	10

A van: salesman, supervisor, stock location, cash journal and rules.

<div> <div> Van Sales Operations Depot Planning Reporting Configuration </div> <div> VanCo Distribution </div> </div>									
<div> <div>New Vans</div> <div> <div>Q Search...</div> <div></div> </div> <div>1-2 / 2 < ></div> </div>									
☐	Name	Receipt prefix	Salesman	Van stock location	Pending ...	Stock Value	Last Seen	Presence	
☐	VAN-01	V01	<div>A</div> Ahmed Khalil	Vans/Van V01	1	\$ 14,690.15	Oct 27, 3:28 AM	Online	
☐	VAN-02	V02	<div>B</div> Bilal Rashid	Vans/Van V02	0	\$ 14,338.00	Oct 27, 3:28 AM	Online	

The list shows who is online, the battery and the loads waiting for a signature.

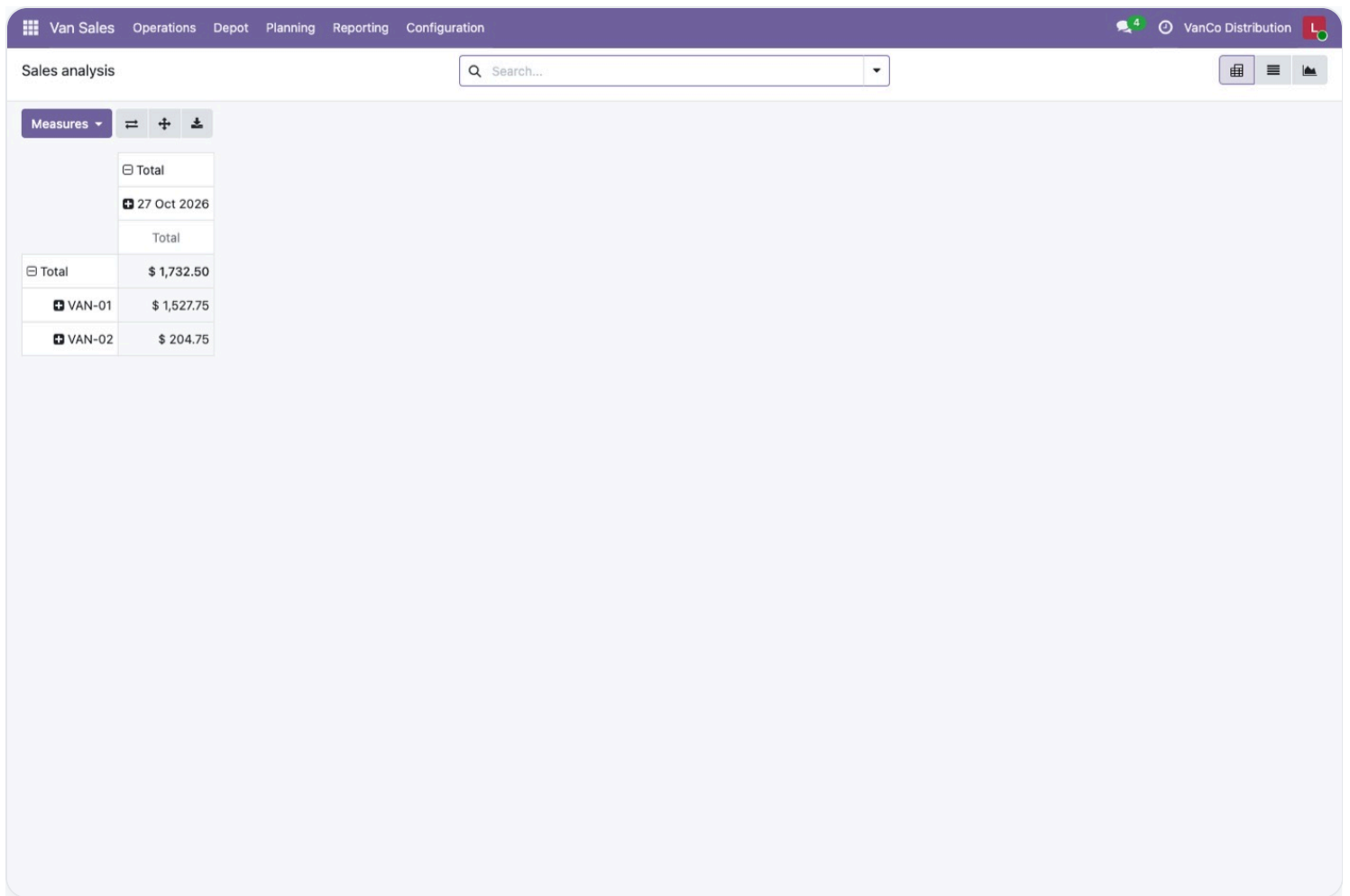
Tip: Sign out all devices on the van revokes every phone at once. One salesman drives one van; to change the salesman, change the field on the van.

8. Products, units, prices and taxes

In plain words: The app sells the products of Odoo that are **sellable, not lot or serial tracked** and have **Sold from vans** ticked (a box on the product form, on by default). Everything below is standard Odoo.

What	Where in Odoo	In the app
Units and cases	Product → Sales tab → <i>Packagings</i> (a case is a unit of measure of 6, 12, 24... base units, add it to the product).	The salesman switches the line between Units and Case ; stock moves, prices and receipts follow.
Barcodes	Product barcode, and a barcode for each packaging.	Scanning a unit barcode adds a unit, scanning a case barcode adds a case.
Pricelists	Sales → Products → Pricelists. Rules per product, category or all products: fixed price, discount, formula; minimum quantities.	The price of the customer's pricelist, with quantity breaks, even offline.
Taxes	Product → <i>Customer taxes</i> (percentage taxes, included or excluded in the price) and fiscal positions.	Tax per line, per customer fiscal position (for example exempt customers).
Stock	Inventory of the van location.	Live van stock: a sale can never exceed it.

In plain words: How prices reach the phone. Odoo computes the price of every product for every pricelist at the quantities where the rules change (the *tiers*) and sends them with the data; the phone multiplies the tier price of one base unit by the unit factor of the line. Rules that only apply to specific dates or to groups of customers are respected at the time of the sync. If the price of the receipt differs from the pricelist by more than the tolerance, the sale is flagged for the supervisor (chapter 20).



Sales analysis by van and day.

9. Customers, credit and routes

In plain words: A customer of a van is any customer on one of its routes (and, when unplanned visits are allowed, every customer with the customer rank). The tab **Van sales** of the customer form holds what is specific to the street:

Van SalesOperationsDepotPlanningReportingConfiguration

NewCustomersAl Noor Mini MarketSales2Invoiced\$ 434.251 / 1

PersonCompany

A

Al Noor Mini Market

al@shop.example

+971 4 663 8629

Company

Company Name...

Job Position

e.g. Sales Director

Address

Business Bay, Bay Avenue

Street 2...

DubaiStateZIP

United Arab Emirates

TRN ?

100201815623033

Website

e.g. https://www.odoo.com

Language ?

English (US)

Tags

e.g. "B2B", "VIP", "Consulting", ...

ContactsSales & PurchaseInvoicingPartner AssignmentNotesVan sales

CREDIT

Credit control

Hard

Credit limit ?

\$ 1,000.00

Receivable balance ?

\$ 372.50

Post-dated checks pending

\$ 0.00

Credit exposure ?

\$ 372.50

Overdue

\$ 372.50

Open invoices

Route	Visit order	Weekdays	Week Pattern
Route A - Dubai Central	20	Mon, Tue, Wed, Thu, Fri, Sat	Every week

Add a line

VISITS

Blocked for van sales ?

☐

Visit radius (meters) ?

0

Last visit

Oct 25

Created in the app, to approve

☐

Send messageLog noteActivity

Today

OdooBot 3:28 AM

Contact created

The Van sales tab of a customer: credit rules, exposure, visit radius, routes.

Field	Meaning
Credit control	As in the settings, none, soft (the app warns, the sale is flagged for the credit controller) or hard (the app refuses credit sales over the limit; cash sales are still possible).
Credit limit	Maximum receivable balance of the customer (post-dated checks that are not cleared yet are still inside it, because their invoices stay open). 0 = the default limit of the settings.
Blocked for van sales	The salesman cannot sell to this customer from the app (with a reason shown on the phone).
Visit radius	A distance in meters that replaces the default of the settings for this customer (a large shop, a mall...).
Routes	The routes where the customer appears, and their days.

In plain words: Routes (the permanent journey plan). *Van Sales → Planning → Routes*: a route belongs to a van and lists customers in **visiting order** with the **weekdays** (Monday to Sunday), **every week, odd weeks or even weeks** and an optional start and end date. The phone receives the plan of the next days (7 by default) and marks customers as done when a visit exists.

Van Sales
Operations
Depot
Planning
Reporting
Configuration

VanCo Distribution

New
Routes
Route A - Dubai Central

1 / 1

Name
Route A - Dubai Central
Salesman
Ahmed Khalil

Van
VAN-01

Customer	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week Pattern	
Green Valley Cafeteria	☒	☒	☒	☒	☒	☒	☐	Every week	
Al Noor Mini Market	☒	☒	☒	☒	☒	☒	☐	Every week	
Jumeirah Beach Kiosk	☒	☒	☒	☒	☒	☒	☐	Every week	
Karama Supermarket	☒	☒	☒	☒	☒	☒	☐	Every week	
Satwa Food Center	☒	☒	☒	☒	☒	☒	☐	Every week	
Creek Side Grocery	☒	☒	☒	☒	☒	☒	☐	Every week	
Deira Wholesale Corner	☒	☒	☒	☒	☒	☒	☐	Every week	
Sunrise Bakery & Shop	☒	☒	☒	☒	☒	☒	☐	Every week	
Marina Fresh Mart	☒	☒	☒	☒	☒	☒	☐	Every week	
Palm Convenience	☒	☒	☒	☒	☒	☒	☐	Every week	

Add a line

Send message
Log note

Today

OdooBot 3:28 AM
Route (permanent journey plan) created

A route: customers, visiting order and days.

Tip: New customers created in the app wait for your approval (button *Approve this customer*) and can only buy for cash until then.

10. The settings, section by section

In plain words: Van Sales → Configuration → Settings holds every rule of the company. Each block says what it does and when to change it.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Search...

General Settings

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Invoicing

Van Sales

Visits, routes and the customers

Plan and customers

Unplanned visits let a salesman visit any customer, new customers are created with credit blocked until you approve them, orders can be booked for a later delivery.

Salesmen can visit customers that are not on the plan

☒

Salesmen can create new customers in the app

☒

Salesmen can take orders for later delivery

☒

Days of the plan sent to the phone

7

Geofence

A visit can only start when the salesman is near the customer and the GPS is accurate enough; with the override the salesman writes a reason and the supervisor gets a to-do.

A visit can only start near the customer

☒

Allowed distance from the customer (meters)

100

Worst GPS accuracy accepted (meters)

50

Salesman can override with a reason

☒

Prices and discounts

Prices

Prices come from the pricelist of the customer, with quantity tiers and units. A sale whose price differs from the pricelist by more than the tolerance is flagged for review.

Salesmen can change prices

☐

Maximum discount a salesman can give (%)

5.00

Price difference that is flagged (%)

1.00

Credit control

Visits, routes and customers; geofence.

Setting	What it does
Unplanned visits, new customers, orders for later	Which extra actions a salesman may take. Unplanned and new customers can also be switched off per van.
Days of the plan	How many days of the plan the phone receives (default 7).
Geofence	A visit can only start within the allowed distance (default 100 m) and with a GPS accuracy better than the limit (default 50 m). With <i>override</i> the salesman can start anyway by writing a reason; the visit is flagged and the supervisor gets a to-do.

Van SalesOperationsDepotPlanningReportingConfiguration

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Prices and discounts

Prices

Prices come from the pricelist of the customer, with quantity tiers and units. A sale whose price differs from the pricelist by more than the tolerance is flagged for review.

Salesmen can change prices

☐

Maximum discount a salesman can give (%)5.00

Price difference that is flagged (%)1.00

Credit control

Credit rules

Soft: warn the salesman and flag the sale for the credit controller. Hard: the app refuses credit sales over the limit (cash sales are still possible). The limit of a customer overrides the default.

Credit sales are allowed

☒

Default credit controlSoft: warn, flag for the sup

Default credit limit\$ 3,000.00

Block credit when an invoice is overdue by (days)0

Credit controller

Stock, loading and returns

Locations

Every van has its own stock location under this parent

Loading and returns

The salesman signs the loading in the app and can report

Prices and discounts.

Setting	What it does
Salesmen can change prices	Off by default: the price is the one of the pricelist.
Maximum discount	A discount up to this percentage can be given on a line.
Price tolerance	A sale whose unit price differs from the pricelist by more than this percentage is flagged <i>price_mismatch</i> .

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

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General Settings

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Van Sales

Credit control

Credit rules

Soft: warn the salesman and flag the sale for the credit controller. Hard: the app refuses credit sales over the limit (cash sales are still possible). The limit of a customer overrides the default.

Credit sales are allowed

☒

Default credit control

Soft: warn, flag for the suj

Default credit limit

\$ 3,000.00

Block credit when an invoice is overdue by (days)

0

Credit controller

Stock, loading and returns

Locations

Every van has its own stock location under this parent. Damaged and expired returns go to the quarantine location, not to the van.

Parent of the van locations

Vans

Quarantine location (damaged and expired returns)

Vans/Return quaran...

Loading and returns

The salesman signs the loading in the app and can report differences.

Salesman signs the van loading

☒

Salesmen can take returns

☒

Photo required for damaged returns

☒

Sale signature

Ask the customer to sign every sale.

Customer signature on

Credit control.

Setting	What it does
Credit sales allowed	If off, every sale must be paid on the spot.
Default credit control and limit	Used by customers that do not have their own.
Overdue days	Refuse credit when an invoice is overdue by more than this (0 = do not check).
Credit controller	Receives the to-do when a sale exceeds the limit.

Van Sales

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Discard

Settings

Q

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Van Sales

Locations

Every van has its own stock location under this parent. Damaged and expired returns go to the quarantine location, not to the van.

Parent of the van locations

Vans

→

Quarantine location (damaged and expired returns)

Vans/Return quaran...

→

Sale signature

Ask the customer to sign every sale.

Customer signature on every sale

☐

Loading and returns

The salesman signs the loading in the app and can report differences.

Salesman signs the van loading

☒

Salesmen can take returns

☒

Photo required for damaged returns

☒

End of day settlement

Count and cash

The salesman counts the stock and hands over the cash. Differences above the tolerance are highlighted for the supervisor.

The salesman must count the stock

☒

Cash difference accepted without a warning

2.00

Stock difference accepted (%)

0.00

Stock differences

Adjust the stock of the van

Accounting

The handover is booked from the cash journal of the van to the cashier journal; shortages and surpluses go to the difference account.

Cashier journal

Cash difference account

443000 Cash Disco...

→

Stock, loading and returns.

Setting	What it does
Parent of the van locations / quarantine location	Where vans live and where damaged and expired returns go.
Signature on loading / on every sale	Ask the salesman to sign the loading, the customer to sign each sale.
Returns	Allow returns; require a photo for damaged goods.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Q Search...

General Settings

Inventory

Invoicing

Van Sales

End of day settlement

Count and cash

The salesman counts the stock and hands over the cash. Differences above the tolerance are highlighted for the supervisor.

The salesman must count the stock

☒

Cash difference accepted without a warning

2.00

Stock difference accepted (%)

0.00

Stock differences

Adjust the stock of the van

Empty van

Send the unsold stock back to the warehouse when the settlement is approved.

Unsold stock goes back to the warehouse every evening

☐

Accounting

The handover is booked from the cash journal of the van to the cashier journal; shortages and surpluses go to the difference account.

Cashier journal

Cash difference account

443000 Cash Disco...

Receipts and printing

Paper and layout

58 mm (2 inch) or 80 mm (3 inch) Bluetooth ESC/POS printers. Image mode prints any language, the logo and the QR code; text mode is faster but Latin only.

Paper width

58 mm (2 inch)

Print mode

Image (any language, logo)

Copies

1

Content

One line per row. The company name, address, phone and the tax ID of the company come from the company record.

Receipt header (one line per row)

Fresh to your shelf, every day

Call 800 VANCO

Receipt footer (one line per row)

Thank you for your business

End-of-day settlement.

Setting	What it does
Count required, tolerances	The salesman must count the stock; cash and stock differences above the tolerance are highlighted.
Stock differences	Adjust the van stock to the count when the settlement is approved, or only record the difference.
Cashier journal and difference account	The cash handover is booked from the van's cash journal to the cashier journal; shortages and surpluses go to the difference account.
Empty van	Send the unsold stock back to the warehouse on approval.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Q Search...

General Settings

Inventory

Invoicing

Van Sales

Receipts and printing

Paper and layout

58 mm (2 inch) or 80 mm (3 inch) Bluetooth ESC/POS printers. Image mode prints any language, the logo and the QR code; text mode is faster but Latin only.

Paper width58 mm (2 inch)

Print modeImage (any language, logo)

Copies1

Content

One line per row. The company name, address, phone and the tax ID of the company come from the company record.

Receipt header (one line per row)

Fresh to your shelf, every day

Call 800 VANCO

Receipt footer (one line per row)

Thank you for your business

Goods once sold are not returnable except as agreed

Tax ID label on receipts

TRN

Show the tax column

Show the outstanding balance

QR code

Verification link of the invoice

Location tracking

Tracking

The app records the position of the salesman between the working hours and sends it in batches; it is buffered when there is no network.

Location trackingDuring working hours

Working hours start7.00

Working hours end19.00

Interval while moving (seconds)30

Interval while still (seconds)300

Privacy

The text shown in the app before the location permission, and how long the points are kept.

Location privacy text shown in the app

Your location is shared with your employer only during working hours to prove customer visits and to plan routes. It is not shared with customers.

Keep location points for (days)

30

Receipts and printing.

Setting	What it does
Paper width	58 mm (2 inch) or 80 mm (3 inch); the salesman can also choose on the phone.
Print mode	Image: the receipt is drawn as a picture (any language including Arabic, your logo, the QR code). Text: ESC/POS text, the fastest, Latin only.
Header, footer, tax label	Lines printed on every receipt; the tax ID of the company comes from the company record, its label (TRN, VAT no...) from here.
Show tax column, balance, QR code	What the receipt shows. The QR code opens the public verification page of the invoice.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Search...

General Settings

Inventory

Invoicing

Van Sales

Location tracking

Tracking

The app records the position of the salesman between the working hours and sends it in batches; it is buffered when there is no network.

Location tracking

During working hours

Working hours start

7.00

Working hours end

19.00

Interval while moving (seconds)

30

Interval while still (seconds)

300

Minimum distance between points (meters)

25

Save battery below (%)

20

Privacy

The text shown in the app before the location permission, and how long the points are kept.

Location privacy text shown in the app

Your location is shared with your employer only during working hours to prove customer visits and to plan routes. It is not shared with customers.

Keep location points for (days)

30

Notifications and sync

Push notifications

Sent through Firebase Cloud Messaging.

Push: van loaded

☒

Push: plan changed

☒

Push: settlement decision

☒

The app syncs every (seconds)

120

Firebase

Create a Firebase project, add the Android and iOS apps, copy the identifiers here and paste the service account JSON.

Firebase project ID

Firebase API key

Firebase sender ID

Firebase app ID (Android)

Firebase app ID (iOS)

Firebase service account JSON

Location tracking.

Setting	What it does
Tracking	Off, between working hours, or always while the app is open. Intervals while moving and still, minimum distance and battery limit make it battery friendly. Points are kept for 30 days by default.
Privacy text	Shown in the app before the location permission is asked.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Search...

General Settings

Inventory

Invoicing

Van Sales

Notifications and sync

Push notifications

Sent through Firebase Cloud Messaging.

Push: van loaded

☒

Push: plan changed

☒

Push: settlement decision

☒

The app syncs every (seconds)

120

Firestore

Create a Firebase project, add the Android and iOS apps, copy the identifiers here and paste the service account JSON.

Firestore project ID

Firestore API key

Firestore sender ID

Firestore app ID (Android)

Firestore app ID (iOS)

Firestore service account JSON

Supervisor map

Map

OpenStreetMap by default. Use your own tile server for heavy use.

Map tiles

https://tile.openstreetmap.c

Map attribution

© OpenStreetMap contribu

Default map latitude

25.170000

Default map longitude

55.250000

Default map zoom

11

Supervisor map refresh (seconds)

30

A salesman is shown as offline after (minutes)

15

Notifications and synchronisation.

Setting	What it does
Push notifications	Van loaded, plan changed, settlement decided. The Firebase project and the service account are entered here (chapter 21).
Sync interval	How often the app syncs in the background (default 120 seconds).

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

SaveDiscardSettings

Search...

General Settings

Inventory

Invoicing

Van Sales

Notifications and sync

Push notifications

Sent through Firebase Cloud Messaging.

Push: van loaded

☒

Push: plan changed

☒

Push: settlement decision

☒

The app syncs every (seconds)

120

Firebase

Create a Firebase project, add the Android and IOS apps, copy the identifiers here and paste the service account JSON.

Firebase project ID

Firebase API key

Firebase sender ID

Firebase app ID (Android)

Firebase app ID (iOS)

Firebase service account JSON

Supervisor map

Map

OpenStreetMap by default. Use your own tile server for heavy use.

Map tiles

https://tile.openstreetmap.c

Map attribution

© OpenStreetMap contribu

Default map latitude

25.170000

Default map longitude

55.250000

Default map zoom

11

Supervisor map refresh (seconds)

30

A salesman is shown as offline after (minutes)

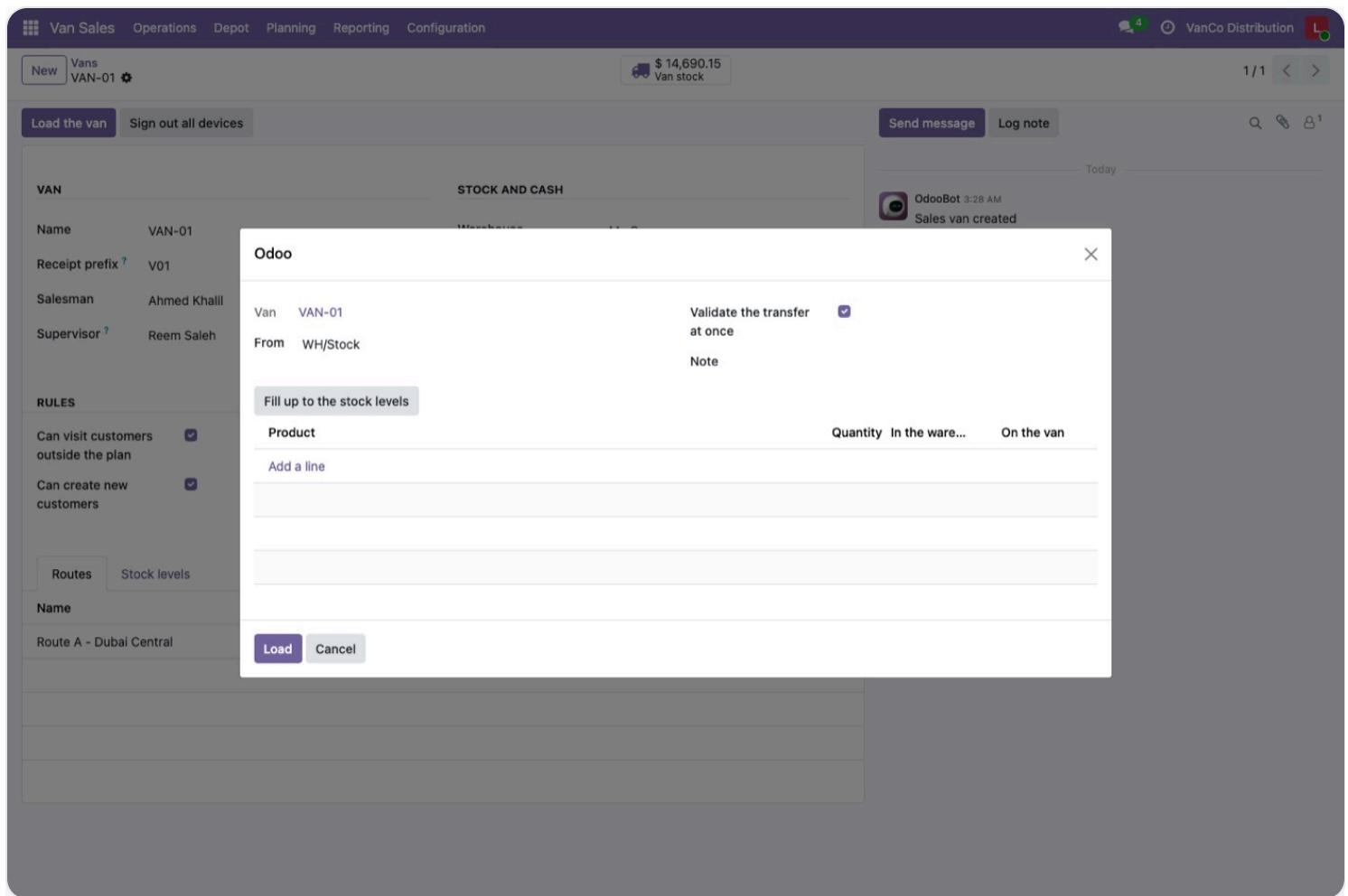
15

The supervisor map.

Business	Suggested settings
Beverage and water distributor	Cases and units, quantity-break pricelists, hard credit limits for small shops, digital payments, quarantine for broken bottles, empty van every evening off.
Snacks, FMCG and confectionery	Many lines per visit: barcode scanning, discount limit 5 %, soft credit, price tolerance 1 %, receipts in image mode.
Dairy, bakery and fresh food	Expiry returns (reason <i>Expired</i> goes to quarantine), empty van every evening on, settlement with stock count required, stock tolerance 0 %.
Ice cream and frozen	Empty van on, strict stock count, cash and digital only (credit sales off), 80 mm receipts.
Pharmacy and healthcare wholesale	Signature on every sale, hard credit control, post-dated checks, no unplanned visits, no price editing.
Cash vans (no credit)	<i>Credit sales allowed</i> off: every receipt is paid in full; the settlement is only about cash and stock.

11. Loading the van and the morning signature

In plain words: **Van Sales → Depot → Van loadings** lists the transfers into the vans and their state: *Waiting for the salesman, Accepted, Disputed*. To load a van press **Load the van** on the van (or in the list): choose the warehouse location, add products and quantities, or press **Fill up to the stock levels** to add what is missing to reach the levels you defined on the van (*Stock levels* tab: the quantity to load up to and an alert level).



The loading wizard with the quantities needed to reach the stock levels.

- 1 Check the quantities. **Load** creates and validates the internal transfer (untick *Validate the transfer at once* to let the storekeeper do it).
- 2 The salesman gets a push notification, opens **Load** in the app, checks every line (product, unit, quantity), changes the received quantity where it differs, writes a note and **signs**.
- 3 If everything matches the load is *Accepted*; with differences it is *Disputed* and the supervisor gets a to-do. The difference lines are on the *Van loading* tab of the transfer.

9:41



WH/INT/00003

Count what is really in the van. Change the received quantity where it differs.

✓ All correct



Aqua Pure Water
500 ml

Expected: 120 Units

— **120** +



ColaMax Can 330
ml

Expected: 96 Units

— **96** +



LemonUp Can 330
ml

Expected: 48 Units

— **48** +



Crunchy Chips Salt
40 g

Expected: 48 Units

— **48** +



Sunny Apple Juice 1



L

Expected: 24 Units

—

24

+



Laban 500 ml

Expected: 24 Units

—

24

+



Accept load

The loading in the app: expected quantity, received quantity, signature.

Van Sales

Operations

Depot

Planning

Reporting

Configuration

4

VanCo Distribution

L

Van loadings

Search...

1-3 / 3

<

>

<div>☐</div> Reference	Van	Date of Transfer	Source Document	Vs Load State	Accepted on	Accepted by
<div>☐</div> WH/INT/00001	VAN-01	Oct 27, 3:28 AM	Van loading V01	Accepted	Oct 27, 3:28 AM	<div>A</div> Ahmed Khalil
<div>☐</div> WH/INT/00003	VAN-01	Oct 27, 3:28 AM	Van loading V01	Waiting for the salesman		
<div>☐</div> WH/INT/00002	VAN-02	Oct 27, 3:28 AM	Van loading V02	Accepted	Oct 27, 3:28 AM	<div>B</div> Bilal Rashid

Loadings waiting for the salesman, accepted and disputed.

12. A day in the app

In plain words: The app is built for a salesman who is standing in a shop with one hand free. Big buttons, one flow, and no waiting for the network.

9:41



Today's route



0 of 10 visits

⌚ Strike rate 0%

1

Green Valley Cafeteria

C0004 · Al Quoz 3, Dubai

33.2 km

⌚ To visit

💰 Balance \$337.35

2

Al Noor Mini Market

C0001 · Business Bay, Bay Avenue, D...

39.2 km

⌚ To visit

💰 Balance \$166.72

3

Jumeirah Beach Kiosk

C0009 · Jumeirah 1, Dubai

41.1 km

⌚ To visit

🚫 Blocked

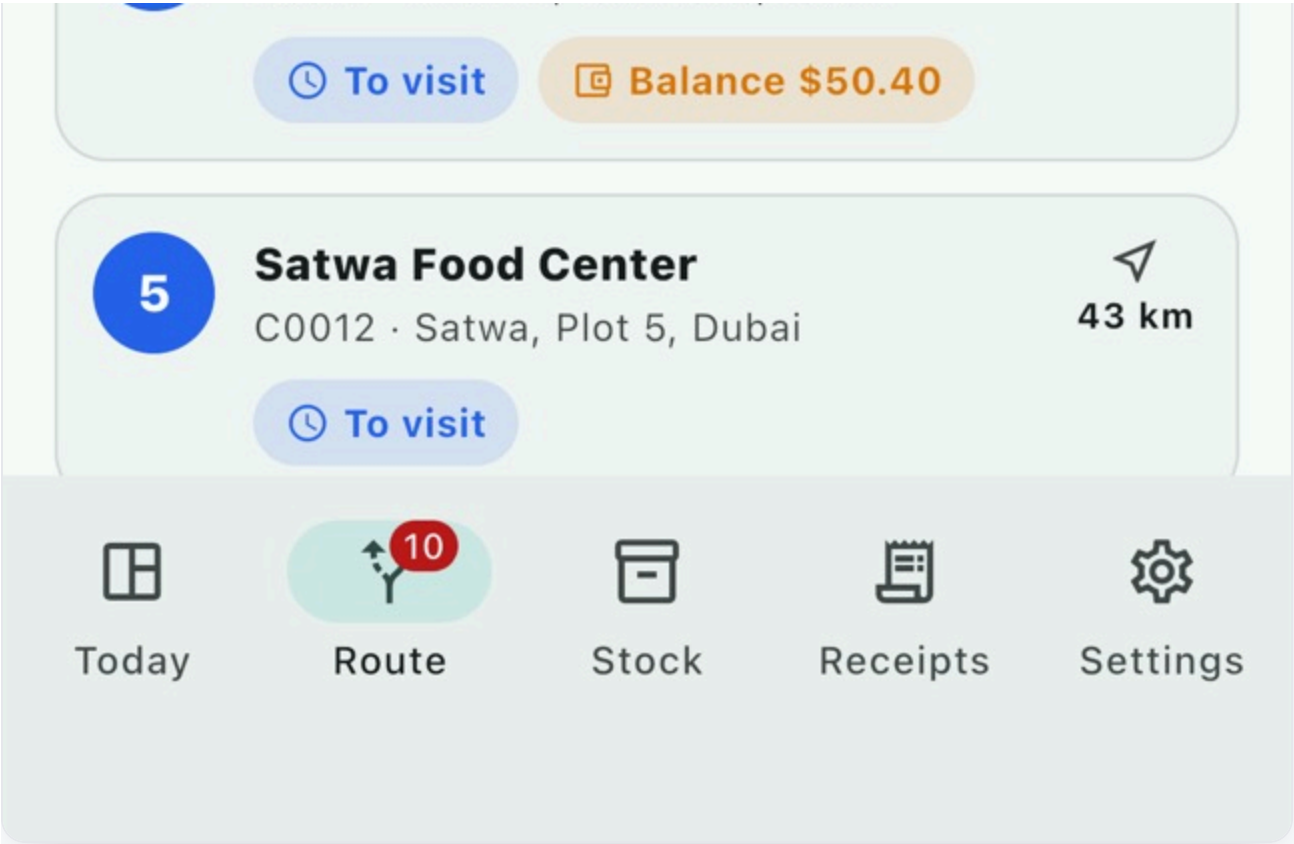
💰 Balance \$119.70

4

Karama Supermarket

C0011 · Karama, Street 20, Dubai

46.4 km



Today's route: customers in order, distance, balance, progress.

9:41 



Hello, Ahmed

Tue, Oct 27, 2026

 just now



Day open

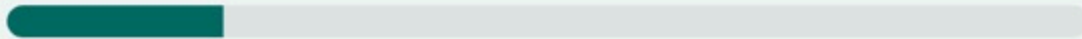
V01 · VAN-01

Visit your customers. Everything works offline.



Today's route

2 of 10 visits



Strike rate 100%



\$76.29

Sales (3)



\$113.42

Collected



100%

Strike rate



2

Lines per call



\$62.87

Credit given



\$397.50

Van stock value



Today



Route



Stock



Receipts



Settings

The dashboard: sales, collections, visits against the plan.

Step	What the salesman does	Rules
Route	Opens a customer from the list or the map.	The balance and overdue amount of the customer are shown before the visit.
Start the visit	Presses Start visit at the shop.	Allowed only inside the radius with a good GPS; otherwise the screen shows the distance and, if the company allows it, an <i>override with a reason</i> path.
Sell	Adds products by search, category, barcode scan or the customer's favourites; changes quantity, unit (case or unit), discount within the limit.	A line can never exceed the live van stock. Prices and taxes come from the pricelist and fiscal position of the customer.
Pay	Splits the total across cash, digital (reference), post-dated check (number, bank, date, photo) and credit .	Credit is blocked for hard-limit customers over the limit or with overdue invoices, with a clear message.
Print	The receipt prints on the Bluetooth printer; a copy can be shared as PDF or image.	Receipt number = van prefix + local sequence number.
Collect	Takes payment of old invoices from the same screen.	Oldest invoices first, or the invoices the salesman chooses.
Return	Takes back goods with a reason and, if needed, a photo and an expiry date.	Resellable goods go back into the van stock; damaged and expired goods do not.
End the visit	Chooses the outcome: sale, no sale (with a reason), shop closed, skipped.	Visits without a sale are recorded with their reason.

9:41



Green Valley Cafete...



C0004 · Green Valley Cafeteria

To visit

Al Quoz 3, Dubai

+971 4 292 9825

TRN: 100209769809255

Credit position

Soft limit

\$337.35

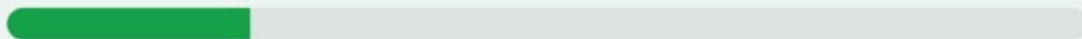
Balance

\$0.00

Overdue

\$8.00

PDC pending



\$337.35 of \$1,500.00

Start visit

Open invoices

INV/2026/00016

1 d overdue

\$19.62

Due Oct 26

INV/2026/00017

Due Oct 26

1 d overdue

\$1.05

INV/2026/00018

Due Oct 26

1 d overdue

\$17.24

INV/2026/00019

Due Oct 26

1 d overdue

\$1.05

INV/2026/00020

Due Oct 26

1 d overdue

\$51.89

INV/2026/00021

Due Oct 26

1 d overdue

\$1.05

A customer: balance, credit exposure, open invoices and last visit.

9:41



< Start visit



You are not at the customer

Move closer to Green Valley Cafeteria to start the visit.

33.2 km

away

100 m

allowed

 GPS accuracy ± 5 m

 **Retry**

 **Navigate**

 **Supervisor override**

Too far from the customer: the visit cannot start.

< Green Valley Cafete...



New sale



Collect payment



Return



Booking



End visit



Open invoices

INV/2026/00016

Due Oct 26

1 d overdue

\$19.62

INV/2026/00017

Due Oct 26

1 d overdue

\$1.05

INV/2026/00018

Due Oct 26

1 d overdue

\$17.24

INV/2026/00019

Due Oct 26

1 d overdue

\$1.05

Due Oct 26

INV/2026/00020

Due Oct 26

1 d overdue

\$51.89

INV/2026/00021

Due Oct 26

1 d overdue

\$1.05

INV/2026/00022

Due Oct 26

1 d overdue

\$23.54

INV/2026/00023

Due Oct 26

1 d overdue

\$1.05

INV/2026/00024

Due Oct 26

1 d overdue

\$23.54

A visit in progress: sell, collect, return, end the visit.

13. Selling: products, barcode, units and payment

9:41



New sale

Green Valley Cafeteria



Sunny

✓ All

Bakery

Dairy

Juices

Snacks



Sunny Apple Juice 1 L

5.50 / Units · JC-AP1

48 in van

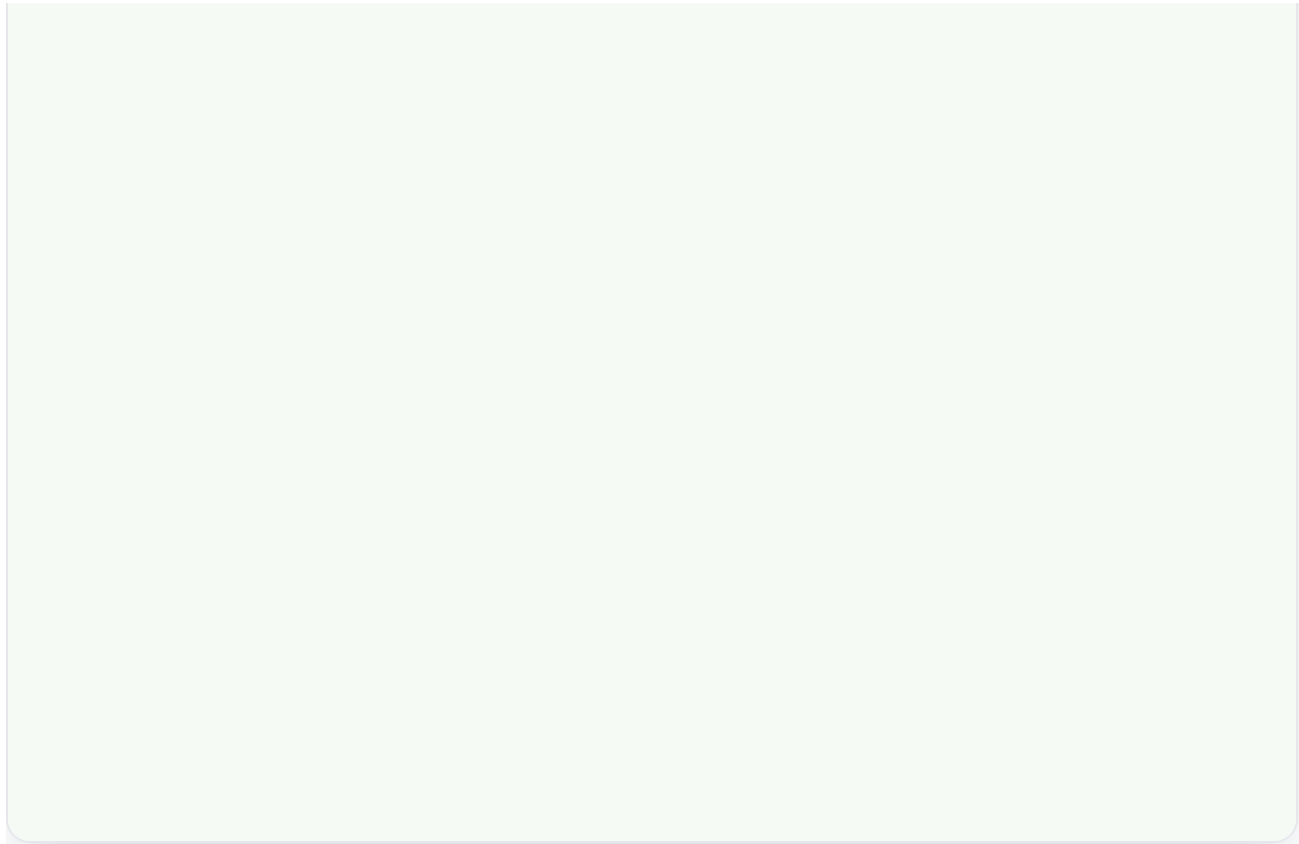


Sunny Orange Juice 1 L

5.50 / Units · JC-OR1

14 in van





The catalog with search, categories and the van stock of every product.

In plain words: Barcode scanning uses the camera. Scan a unit barcode to add one unit, scan the barcode of a case to add one case; scanning the same code again adds one more. The scanner closes by itself when you are done and the basket keeps the lines.

9:41



Scan product



Laban 500 ml · Units · qty 2



The camera is not available. Type the code below or search the catalog.



Enter a code manually

Add

Done (3 items)

Scan a barcode to add a product in the right unit.

9:41



Basket



Laban 500 ml



✓ Units

Case of 12

−

2

+

2.50 / Units

\$5.09

% Discount 3%



Fresh Milk 1 L



Units

✓ Case of 12

−

1

+

63.00 / Case ...

\$66.15

% Add discount

Untaxed	\$67.85
---------	---------

Tax	\$3.39
-----	--------

Total	\$71.24
--------------	----------------

Checkout	\$71.24 →
-----------------	------------------

The basket: units and cases, tier price, tax and totals.

9:41



Checkout

Green Valley Cafeteria

Total to pay

\$71.24

\$67.85 + tax \$3.39

 Full cash

 On credit



Cash

10 \$



Digital / QR

0



Reference *



Post-dated
check

0



Check details missing



Check details

Paid now

\$10.00

On credit

\$61.24



Confirm sale · \$71.24

Checkout with a cash payment and the rest on credit.

9:41



Checkout

Green Valley Cafeteria



Signature



Reference *



**Post-dated
check**

0



Post-dated check

The check is not cash: the invoice stays open until the check clears.

Check no. *



778123

Bank



Emirates NBD

Check date *



2026-11-26

Photo of the check *



 Take photo

 Gallery



✓ Save

A post-dated check: number, bank, date and a photo of the check.

Rule	Detail
Stock	The quantity of a product in the basket cannot exceed what is in the van now (server stock minus the sales not yet synced). The sale is applied to the device stock immediately.
Units	A line has a unit; changing it re-prices the line (tier price of one base unit x the factor of the unit). Stock moves are always computed in the unit of the line.
Prices and discounts	The price comes from the pricelist of the customer; a discount is limited by the settings; the price can only be edited if the company allows it.
Taxes	Percentage taxes, included or excluded, mapped by the fiscal position of the customer; rounded per line. The tax IDs used are sent to Odoo so the invoice shows exactly what the receipt shows.
Orders for later	If allowed, <i>Book an order</i> confirms an order without taking stock from the van and without an invoice; the warehouse delivers it.

14. Receipts and Bluetooth printing

In plain words: The app prints on **ESC/POS** thermal printers of **58 mm** (2 inch, 384 dots) and **80 mm** (3 inch, 576 dots). The ESC/POS commands are generated by the app itself.

9:41



V01-000068

Sent



Printed on Fake Printer

Outstanding balance

398.59

Customer signature



Scan to verify

Thank you for your business
Goods once sold are not returnable
except as agreed

Thank you

Invoice no. INV/2026/00030



Print



Share



Done

What a 58 mm printer prints (preview in the app).

9:41

**V01-000068**

Sent



Printed on Fake Printer

+971 4 555 0200

sales@vanco.example

TRN: 100234567800003

Fresh to your shelf, every day

Call 800 VANCO

TAX INVOICE

Receipt no.	V01-000068
Invoice no.	INV/2026/00030
Date	2026-10-27 02:14
Salesman	Ahmed Khalil

Customer	Green Valley Cafeteria
Code	C0004
Al Quoz 3, Dubai	
TRN: 100209769809255	

Item	Amount
Laban 500 ml	5.09
2 Units x 2.50 Tax 5% Disc. 3%	
Fresh Milk 1 L	66.15
1 Case of 12 x 63.00 Tax 5%	
Untaxed	67.85
Tax	3.39
TOTAL	\$71.24

Payments

Cash	10.00
On credit	61.24

Invoice no. INV/2026/00030



Print



Share



Done

The same receipt on 80 mm paper.

Block	Content
Header	Logo, distributor name, address, phone, tax ID (TRN) and the header lines of the settings.
Document	Receipt number, invoice number (on a reprint after the sync), date and time, salesman.
Customer	Name, code, address, tax ID.
Lines	Product, quantity and unit, unit price, tax, line total.
Totals	Untaxed, tax, total.
Payment	Each payment line (cash, digital with reference, check with number and date, credit), paid, outstanding balance of the customer .
Verification	A QR code . After the sale is synced it opens the public verification page of the invoice (genuine document, number, date, total, masked customer name); before the sync it carries the receipt number, the tax ID, the total and the time.
Footer	The footer lines and the number of copies.

- 1 Switch the printer on and pair it in the phone's Bluetooth settings if your printer needs it (Android). In the app open **Settings → Printer**.
- 2 Press **Search**, choose your printer, choose the paper width (58 or 80 mm) and press **Test print**.
- 3 The app remembers the printer and reconnects by itself. After a sale the receipt prints automatically; **Receipts** in the menu lets you reprint or share any receipt.

9:41



< Printer



Fake Printer

FA:KE:00:00:00:01

Connected



The printer is ready.



Test print



Paper

58 mm (2 inch)

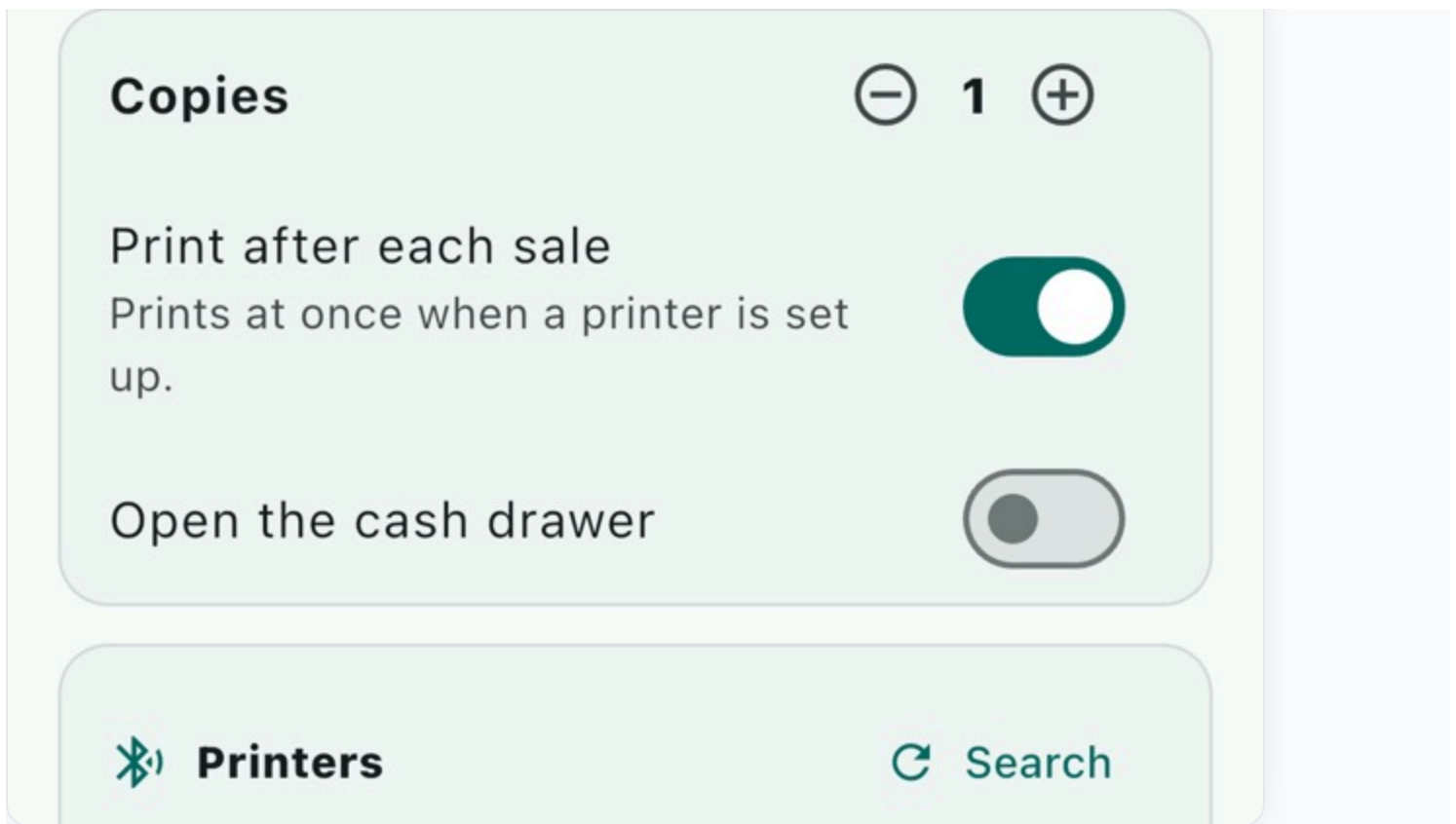
80 mm (3 inch)

Print mode

Image (Arabic and
logo)

Text (fastest)

The receipt is drawn as an image: Arabic, the logo and the QR code print correctly. A little slower.



The printer screen: connection, paper width, test print.

Mode	When to use it
Image (raster)	Default. Prints Arabic, other languages, your logo and the QR code exactly as the preview. A little slower (a few seconds for a long receipt).
Text	Fastest and uses the built-in font of the printer: English and numbers only.

Important: iPhone and Bluetooth printers. iOS only talks to Bluetooth Low Energy devices, and most cheap portable printers are Bluetooth Classic (SPP), which iOS cannot use. On iPhone choose a printer that supports BLE, or print to a PDF/AirPrint. On Android the common portable printers work. The app does not ship drivers: a printer that understands ESC/POS and the raster command works; try a test print before buying a fleet.

15. Returns, damages and expiry

In plain words: In the app press **Return** on a customer, add products (from an invoice of the customer or free), choose a **reason** for each line and press **Save**. The reason decides where the goods go:

Reason type	Stock	Accounting
Resellable (wrong item, overstock)	Back into the stock of the van.	A credit note for the customer.
Damaged	To the quarantine location; a photo can be required.	A credit note.
Expired (with the expiry date)	To the quarantine location.	A credit note.

9:41



< Return



 Take photo

 Gallery



How is the customer compensated?



Credit note



Cash refund

The amount is deducted from the customer balance.

Note (optional)

Untaxed \$7.13

Tax \$0.36

Return total **\$7.49**



Confirm return · \$7.49

A return with the reason and the customer's invoice.

In plain words: The credit note is posted and matched with the open invoice of the return when the invoice is given, otherwise it stays as credit on the customer account. *Cash refund* also pays the customer from the cash journal of the van, which lowers the cash to hand over. The supervisor sees the goods in quarantine in **Operations → Returns** and presses **Scrap damaged and expired goods** when they are destroyed.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

Returns

Search...

1-3 / 3

☐	Date	Receipt number	Customer	Van	Settle	Amount Total	Credit note	
☐	Oct 26, 1:28 AM	V01-R00013	Al Noor Mini Market	VAN-01	Cash refund	\$ 15.75	RINV/2026/00003 (V01-R00013)	
☐	Oct 25, 1:28 AM	V01-R00012	Sunrise Bakery & Shop	VAN-01	Credit note	\$ 18.50	RINV/2026/00002 (V01-R00012)	
☐	Oct 25, 1:28 AM	V01-R00011	Green Valley Cafeteria	VAN-01	Credit note	\$ 11.00	RINV/2026/00001 (V01-R00011)	
						\$ 45.25		

The returns of the vans.

Van Sales
Operations
Depot
Planning
Reporting
Configuration

VanCo Distribution

Returns
V01-R00012

1 / 1

Scrap damaged and expired goods

Receipt number
V01-R00012

Date
Oct 25, 1:28 AM

Customer
Sunrise Bakery & Shop

Settle
Credit note

Van
VAN-01

Credit note
RINV/2026/00002 (V01-R00012)

Salesman
Ahmed Khalil

Amount Total
\$ 18.50

Visit

Flags
return_without_invoice

Product	Quantity	Unit	Unit Price	Reason	Condition	Expiry Date	S...	Subtotal
[SD-COLA33] Cola...	6.00	Units	1.75	Damaged	Damaged			\$ 10.50
[SN-CH40] Crunch...	4.00	Units	2.00	Damaged	Damaged			\$ 8.00

Add a line

Stock transfers
WH/IN/00002

Note

Send message
Log note
Activity

Planned Activities

Yesterday: "Damaged or expired goods returned by Sunrise Bakery & Shop (V01-R00012): in quarantine" for Reem Saleh

Damaged or expired goods returned by Sunrise Bakery & Shop (V01-R00012): in quarantine

Mark Done
Edit
Cancel

Today

OdooBot 3:28 AM

Return from a customer created

A return with its lines, conditions and transfers.

16. Collections and post-dated checks

In plain words: **Collect** on a customer lists the open invoices (oldest first). The salesman enters the amount and the payment mode; the app allocates it to the oldest invoices (or to the invoices he ticks), and any remainder stays as credit on the customer account.

9:41



Collect payment

Marina Fresh Mart

Total due

\$254.40

Payment mode



Cash



Digital / QR



Post-dated check

Amount received

100

\$



Apply to

Oldest first

Choose invoices

\$254.40

→ \$100.00

INV/2026/00010

Due Nov 2



Balance after this payment: \$151.50



Record payment · \$100.00

Collecting a payment against the open invoices.

Mode	What is recorded in Odoo
Cash	A customer payment on the cash journal of the van , reconciled with the invoices.
Digital / QR	A customer payment on the journal of the mode (bank), with the reference the customer gave.
Post-dated check	Not a payment yet: a record in <i>Operations</i> → <i>Post-dated checks</i> with the number, the bank, the check date and the photo. The invoice stays open and counts in the balance of the customer. When the bank pays, press Cleared by the bank and Odoo registers the payment on the invoices; Bounced warns the supervisor.
On credit	The invoice stays open and the amount counts on the customer balance.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

NewPost-dated checks

QTYPendingXSearch...

1-1 / 1<>

☐ Check date	Check number	Customer	Bank	Amount	Van	State	
☐ Nov 16	CHK-884201	Marina Fresh Mart	Emirates NBD	\$ 400.00	VAN-01	Received	
				\$ 400.00			

The post-dated checks: due, deposited, cleared, bounced.

Van Sales Operations Depot Planning Reporting Configuration										VanCo Distribution	
Collections										1-5 / 5	
☐	Date	Number	Receipt number	Customer/Vendor	Van	Van payment mode	Reference given by the customer	Amount	Settlement	State	
☐	Oct 26	PVCV02/2026/00001	V02-000114	Silicon Oasis Express	VAN-02	Cash		\$ 120.00	VST/2026/00001	Paid	
☐	Oct 26	PBNK1/2026/00001	V02-000115	Mirdif Family Store	VAN-02	Digital / QR	UPI-15	\$ 30.00	VST/2026/00001	In Process	
☐	Oct 25	PVCV01/2026/00003	V01-R00013	Al Noor Mini Market	VAN-01	Cash		\$ 16.54	VST/2026/00002	Paid	
☐	Oct 14	PVCV01/2026/00002	V01-000904	Creek Side Grocery	VAN-01	Cash		\$ 20.00	VST/2026/00002	Paid	
☐	Oct 6	PVCV01/2026/00001	V01-000902	Al Noor Mini Market	VAN-01	Cash		\$ 100.00	VST/2026/00002	Paid	
								\$ 286.54			

Collections of the vans, not yet settled and settled.

17. End of day: count, cash and approval

In plain words: At the end of the route the salesman opens **End of day**. The flow has four steps and works offline:

- 1 Summary** of the day: sales, returns, cash, digital and checks collected, credit given, visits.
- 2 Stock count:** every product that is in the van or was sold today; type or scan the counted quantity. The app shows the difference in units and in value.
- 3 Cash handover:** the expected cash (cash collected minus cash refunds, since the last settlement), the declared amount and an optional count by banknote; the difference is shown.
- 4 Sign and submit.** After submitting, the day is closed on the phone until the supervisor decides.

9:41



< End of day

Summary

Stock

Cash

Sign

22 of 22 counted

✓✓ Same as expected



Aqua Pure Water 1.5 L

Expected: 388 Units

-2 • -\$3.60

386



Aqua Pure Water 500 ml

Expected: 421 Units

421



Aqua Sparkling 330 ml

Expected: 400 Units

400



Arabic Bread 6 pcs

Expected: 412 Units

412



Cheese Triangles 8 pcs

Expected: 412 Units

412



Choco Wafer Bar

Expected: 400 Units

400



ColaMax 1.25 L

Expected: 400 Units

400

Short: \$3.60

Over: \$0.00

← **Back**

→ Next

The stock count with the differences.

9:41



End of day

Summary

Stock

Cash

Sign

Cash handed over

99.92

\$



Cash is short

\$-12.50



Count the notes and coins

1000



0



\$0.00

500



0



\$0.00

200



0



\$0.00

100



0



\$0.00

50



0



\$0.00

20	⊖	0	⊕	\$0.00
10	⊖	0	⊕	\$0.00
5	⊖	0	⊕	\$0.00

← Back

→ Next

The cash handover with the difference.

In plain words: The supervisor opens **Depot → Settlements**. Differences above the tolerance are highlighted. **Approve** does, in one step: the stock of the van is adjusted to the count (if the setting says so), the unsold stock goes back to the warehouse (if the setting says so), the day's payments are marked as settled and the **cash handover is booked** (debit cashier journal, credit van cash journal; a shortage or surplus goes to the difference account). **Reject** asks the salesman to count again.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

Settlements
VST/2026/00001

1 / 1

ApproveRejectPrint

SubmittedApproved

Send messageLog noteActivity

VST/2026/00001

VAN

VanVAN-02

SalesmanB Bilal Rashid

DateOct 25

Submitted onOct 27, 3:28 AM

Approved by

Approved on

CASH

Expected cash\$ 120.00

Cash handed over\$ 115.00

Cash difference\$ -5.00

Cash entry

Denominations{"100": 1, "50": 1, "10": 2}

THE DAY

Visits0

Sales\$ 0.00

Returns\$ 0.00

Cash collected\$ 0.00

Digital collected\$ 0.00

Checks received\$ 0.00

Credit given\$ 0.00

Stock countPaymentsNote

Product	In the van (s...	Counted	Difference	Value of the...	
[WTR-500] Aqua Pure Water 500 ml	424.00	421.00	-3.00	-1.35	
[WTR-15] Aqua Pure Water 1.5 L	400.00	400.00	0.00	0.00	
[WTR-SP33] Aqua Sparkling 330 ml	400.00	400.00	0.00	0.00	
[SD-COLA33] ColaMax Can 330 ml	424.00	422.00	-2.00	-1.90	
[SD-COLA125] ColaMax 1.25 L	400.00	400.00	0.00	0.00	
[SD-LEM33] LemonUp Can 330 ml	400.00	400.00	0.00	0.00	
[SD-ORA33] Orange Fizz 330 ml	400.00	400.00	0.00	0.00	
[SD-EN25] Energy Spark 250 ml	400.00	400.00	0.00	0.00	
[JC-OR1] Sunny Orange Juice 1 L	406.00	406.00	0.00	0.00	
[JC-AP1] Sunny Apple Juice 1 L	400.00	400.00	0.00	0.00	
[JC-MG25] Mango Delight 250 ml	400.00	400.00	0.00	0.00	
[SN-CH40] Crunchy Chips Salt 40 g	424.00	424.00	0.00	0.00	
[SN-CHC40] Crunchy Chips Cheese 40 g	400.00	400.00	0.00	0.00	
[SN-PN100] Salted Peanuts 100 g	400.00	400.00	0.00	0.00	
[SN-WF1] Choco Wafer Bar	400.00	400.00	0.00	0.00	
[DR-MK1] Fresh Milk 1 L	400.00	400.00	0.00	0.00	
[DR-LB5] Laban 500 ml	400.00	400.00	0.00	0.00	
[DR-CT8] Cheese Triangles 8 pcs	400.00	400.00	0.00	0.00	

Planned Activities

Yesterday: "Approve the settlement VST/2026/00001 of VAN-02" for Reem Saleh

Mark DoneEditCancel

Today

OdooBot 3:28 AM

Van settlement created

A settlement waiting for approval: cash, day totals and the stock count.

Van SalesOperationsDepotPlanningReportingConfiguration

4VanCo Distribution

Settlements ⚙️

Q Search...▼

1-2 / 2<>

☐	Name	Date	Van	Salesman	Sales	Expected cash	Cash handed ...	Cash difference	Stock differen...	State	⌵
☐	VST/2026/00002	Oct 25	VAN-01	A Ahmed Khalil	\$ 0.00	\$ 103.46	\$ 136.54	\$ 33.08	\$ -1.05	Approved	
☐	VST/2026/00001	Oct 25	VAN-02	B Bilal Rashid	\$ 0.00	\$ 120.00	\$ 115.00	\$ -5.00	\$ -3.25	Submitted	

Settlements by day with their differences.

18. Credit control explained

Situation	On the phone	In Odoo
Cash sale paid in full	Always allowed (unless the customer is blocked).	No credit check.
Credit sale, customer without a limit or mode <i>none</i>	Allowed.	Nothing.
Credit sale, soft , over the limit	A warning; the salesman confirms.	The sale is flagged <i>credit_exceeded</i> ; the credit controller gets a to-do.
Credit sale, hard , over the limit or with overdue invoices	Credit is refused; a cash sale is still possible.	Not applicable: nothing can reach Odoo.
Post-dated checks	Their invoices stay open and count in the balance.	Counted in the balance until the bank clears the check; shown separately as <i>pending checks</i> .
Blocked customer	Sales are refused with the reason.	If a sale arrives anyway (old data), it is accepted and flagged <i>blocked_customer</i> .

In plain words: Why the phone decides. Hard limits can only work in the shop if the phone knows the balance: the balance of the last sync plus the sales and payments not yet synced is used, so two salesmen selling to the same shop between syncs can exceed the limit slightly; Odoo flags it afterwards. A sale that already happened is **never rejected** by the server for credit, price, stock or geofence reasons: it is recorded and flagged for the supervisor.

9:41



Green Valley Cafete...



C0004 · Green Valley Cafeteria

To visit

Al Quoz 3, Dubai

+971 4 292 9825

TRN: 100209769809255

Credit position

Soft limit

\$337.35

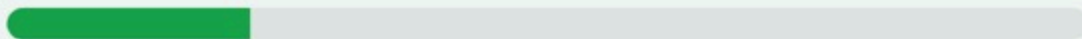
Balance

\$0.00

Overdue

\$8.00

PDC pending



\$337.35 of \$1,500.00

Start visit

Open invoices

INV/2026/00016

1 d overdue **\$19.62**

Due Oct 26

INV/2026/00017

Due Oct 26

1 d overdue

\$1.05

INV/2026/00018

Due Oct 26

1 d overdue

\$17.24

INV/2026/00019

Due Oct 26

1 d overdue

\$1.05

INV/2026/00020

Due Oct 26

1 d overdue

\$51.89

INV/2026/00021

Due Oct 26

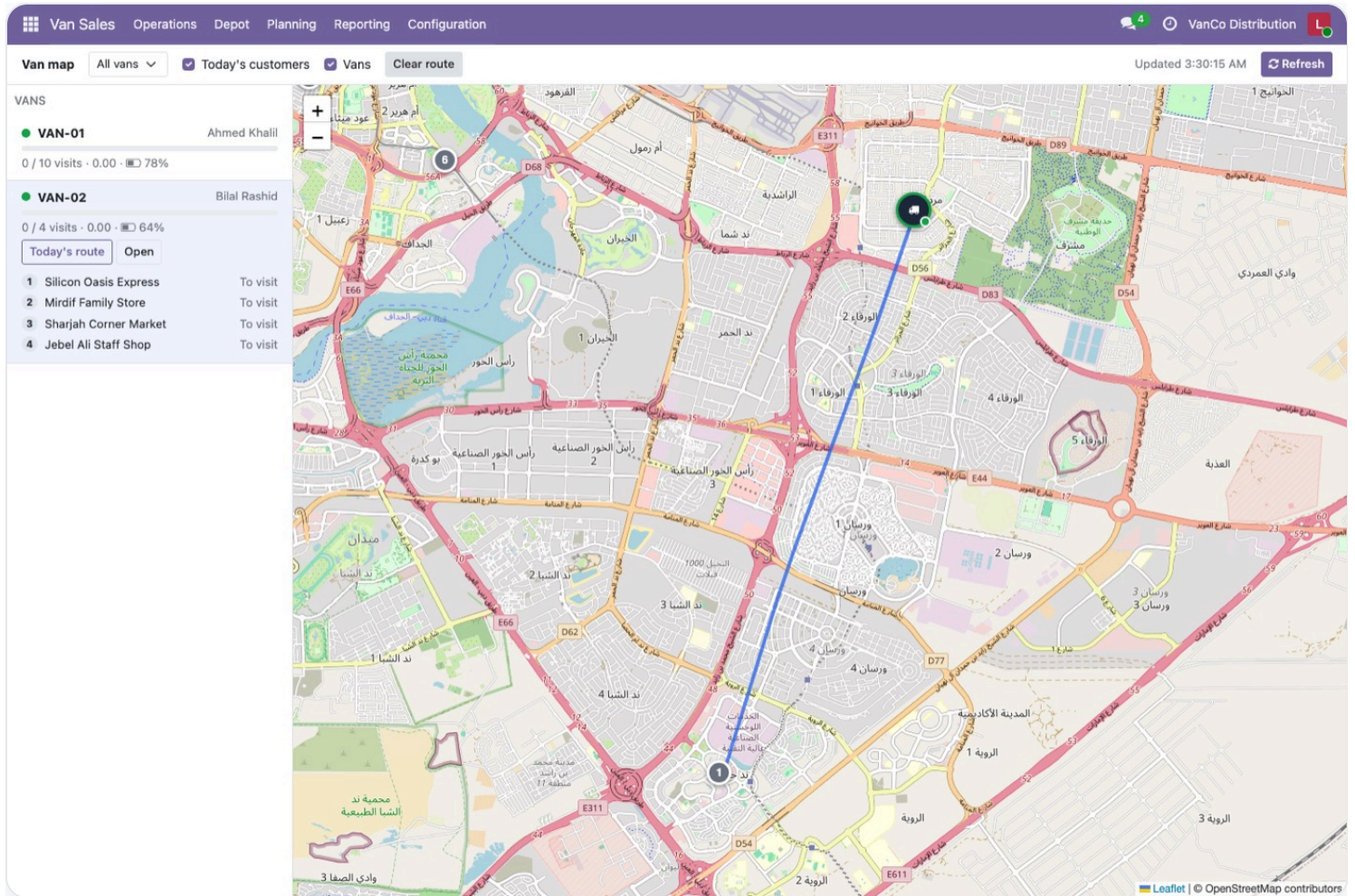
1 d overdue

\$1.05

The credit situation is shown before the sale.

19. The supervisor map, visits and reports

In plain words: Operations → Van map shows the vans (with their salesman, battery, visits done against planned and the sales of the day) and today's customers as numbered pins colored by status: to visit, visiting, sale, no sale, shop closed, skipped. Select a van to list its stops and draw **today's route** from the recorded positions.



A van selected: its stops and the route of the day.

Where	What you see
Operations → Visits	Every visit with the distance from the customer, the time on site, whether it was planned and whether it was inside the radius. Filters: today, with a sale, without a sale, outside the radius, not on the plan.
Reporting → Visit analysis	Visits by van and outcome: the strike rate (visits with a sale against visits) and the compliance to the plan.
Operations → Sales	Van sales and booked orders; the filter <i>To review</i> shows the flagged ones; <i>On credit</i> the open ones.
Reporting → Sales analysis	Sales by van, day, product and customer (pivot and graph).
Reporting → Location history	The recorded GPS points (time, accuracy, speed, battery, network).

Van Sales

Operations

Depot

Planning

Reporting

Configuration

4

VanCo Distribution

New

Visits

Q

Search...

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<

>

☐	Date	Customer	Van	On the plan	Check-in	Duration (min)	Distance...	State	Sale Total	Collected	
☐	Oct 26	Jebel Ali Staff Shop	VAN-02	☐	Oct 27, 1:58 AM	09:00	30	Sale	\$ 25.20	\$ 0.00	
☐	Oct 26	Sharjah Corner Market	VAN-02	☒	Oct 27, 1:08 AM	09:00	29	No sale	\$ 0.00	\$ 0.00	
☐	Oct 26	Mirdif Family Store	VAN-02	☒	Oct 27, 12:18 AM	09:01	29	Sale	\$ 85.05	\$ 30.00	
☐	Oct 26	Silicon Oasis Express	VAN-02	☒	Oct 26, 11:28 PM	09:00	30	Sale	\$ 94.50	\$ 120.00	
☐	Oct 25	Jumeirah Beach Kiosk	VAN-01	☒	Oct 25, 11:28 PM	12:00	42	No sale	\$ 0.00	\$ 0.00	
☐	Oct 25	Al Noor Mini Market	VAN-01	☒	Oct 25, 10:28 PM	12:00	31	Sale	\$ 0.00	\$ 0.00	
☐	Oct 25	Green Valley Cafeteria	VAN-01	☒	Oct 25, 9:28 PM	12:00	20	Sale	\$ 0.00	\$ 0.00	
☐	Oct 24	Jumeirah Beach Kiosk	VAN-01	☒	Oct 24, 11:28 PM	12:00	42	No sale	\$ 0.00	\$ 0.00	
☐	Oct 24	Al Noor Mini Market	VAN-01	☒	Oct 24, 10:28 PM	12:00	31	Sale	\$ 0.00	\$ 0.00	
☐	Oct 24	Green Valley Cafeteria	VAN-01	☒	Oct 24, 9:28 PM	12:00	20	Sale	\$ 0.00	\$ 0.00	
☐	Oct 23	Jumeirah Beach Kiosk	VAN-01	☒	Oct 23, 11:28 PM	12:00	42	No sale	\$ 0.00	\$ 0.00	
☐	Oct 23	Al Noor Mini Market	VAN-01	☒	Oct 23, 10:28 PM	12:00	31	Sale	\$ 0.00	\$ 0.00	
☐	Oct 23	Green Valley Cafeteria	VAN-01	☒	Oct 23, 9:28 PM	12:00	20	Sale	\$ 0.00	\$ 0.00	
☐	Oct 22	Jumeirah Beach Kiosk	VAN-01	☒	Oct 22, 11:28 PM	12:00	42	No sale	\$ 0.00	\$ 0.00	
☐	Oct 22	Al Noor Mini Market	VAN-01	☒	Oct 22, 10:28 PM	12:00	31	Sale	\$ 0.00	\$ 0.00	
☐	Oct 22	Green Valley Cafeteria	VAN-01	☒	Oct 22, 9:28 PM	12:00	20	Sale	\$ 0.00	\$ 0.00	
									\$ 204.75	\$ 150.00	

The visits with distance and outcome.

Van SalesOperationsDepotPlanningReportingConfiguration

VanCo Distribution

Van sales

Q Search...

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☐ Time on the phone	Receipt number	Order Reference	Customer	Van	Van sales type	Total	Paid at the sale	Flags	
☐ Oct 27, 1:58 AM	V02-000117	S00013	Jebel Ali Staff Shop	VAN-02	Van sale	\$ 25.20	\$ 0.00	price_mismatch	
☐ Oct 27, 12:18 AM	V02-000115	S00012	Mirdif Family Store	VAN-02	Van sale	\$ 85.05	\$ 30.00	price_mismatch	
☐ Oct 26, 11:28 PM	V02-000114	S00011	Silicon Oasis Express	VAN-02	Van sale	\$ 94.50	\$ 94.50	price_mismatch	
☐ Oct 21, 12:28 AM	V01-000910	S00010	Marina Fresh Mart	VAN-01	Van sale	\$ 554.40	\$ 0.00	late_sync,price_mismatch	
☐ Aug 28, 12:28 AM	V01-000909	S00009	Jumeirah Beach Kiosk	VAN-01	Van sale	\$ 69.30	\$ 0.00	blocked_customer,late_sync,price_mismatch	
☐ Oct 24, 12:28 AM	V01-000908	S00008	Sunrise Bakery & Shop	VAN-01	Van sale	\$ 25.20	\$ 0.00	late_sync	
☐ Oct 18, 12:28 AM	V01-000907	S00007	Karama Supermarket	VAN-01	Van sale	\$ 50.40	\$ 0.00	late_sync	
☐ Sep 27, 12:28 AM	V01-000906	S00006	Jumeirah Beach Kiosk	VAN-01	Van sale	\$ 50.40	\$ 0.00	blocked_customer,late_sync,price_mismatch	
☐ Oct 22, 12:28 AM	V01-000905	S00005	Green Valley Cafeteria	VAN-01	Van sale	\$ 94.50	\$ 0.00	late_sync,price_mismatch	
☐ Oct 15, 12:28 AM	V01-000904	S00004	Creek Side Grocery	VAN-01	Van sale	\$ 44.10	\$ 20.00	late_sync,price_mismatch	
☐ Sep 22, 12:28 AM	V01-000903	S00003	Creek Side Grocery	VAN-01	Van sale	\$ 166.95	\$ 0.00	late_sync,price_mismatch	
☐ Oct 7, 12:28 AM	V01-000902	S00002	Al Noor Mini Market	VAN-01	Van sale	\$ 170.10	\$ 100.00	late_sync,price_mismatch	
☐ Sep 12, 12:28 AM	V01-000901	S00001	Al Noor Mini Market	VAN-01	Van sale	\$ 302.40	\$ 0.00	late_sync,price_mismatch	
						\$ 1,732.50	\$ 244.50		

Van sales and their flags.

Van Sales
Operations
Depot
Planning
Reporting
Configuration

VanCo Distribution

New
Van sales
S00002

Delivery
1
Invoices
1

1 / 1

Send
Preview
Cancel

Quotation
Quotation Sent
Sales Order

Send message
Log note
Activity

S00002

Customer
Al Noor Mini Market
Business Bay, Bay Avenue
Dubai
United Arab Emirates
100201815623033

Order Date
Oct 27, 3:28 AM

Pricelist
Retail (USD)

Payment Terms
Immediate

Order Lines
Other Info
Van sale

Van sales type
Van sale

Van
VAN-01

Visit

Receipt number
V01-000902

Time on the phone
Oct 7, 12:28 AM

Received
Oct 27, 3:28 AM

Paid at the sale
\$ 100.00

Flags
late_sync,price_mismatch

Latitude
25.1850000

Longitude
55.2700000

Customer signature

Van deliveries
WH/OUT/00002

Planned Activities

Yesterday: "Check the van sale V01-000902 of Al Noor Mini Market: late_sync, price_mismatch" for Reem Saleh
Check the van sale V01-000902 of Al Noor Mini Market: late_sync, price_mismatch
Mark Done Edit Cancel

Today

OdooBot 3:28 AM
Sales Order created

A van sale: the order, its deliveries from the van, the invoice and the van sale details.

20. Offline, sync and what the flags mean

In plain words: The outbox. Every action is written to the database of the phone together with an *operation*: a unique ID (UUID), a type, the time of the phone and an **immutable sequence**

number (it only goes up, stays after a restart and continues from the highest number Odoo has seen if the app is reinstalled). The sync sends the operations in order (100 per call), Odoo applies each one once and answers *applied*, *duplicate* (already seen: the stored result is returned), *rejected* (with a code) or *conflict*; then the phone downloads what changed. If the answer is lost, the retry is harmless.

9:41



Hello, Ahmed

Tue, Oct 27, 2026

 Offline · 2 pending



Day open

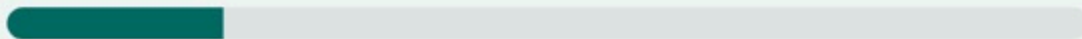
V01 · VAN-01

Visit your customers. Everything works offline.



Today's route

2 of 10 visits



Strike rate 100%



\$76.29

Sales (3)



\$113.42

Collected



100%

Strike rate



2

Lines per call



\$62.87

Credit given



\$397.50

Van stock value



Today



Route



Stock



Receipts



Settings

Working offline: sales and payments wait in the outbox.

9:41



< Sync issues

The server did not accept these items. Retry them, or discard them. Discarding a sale or payment that already happened removes its effect on stock, balance and cash.

 **Payment**

Rejected

V01-ISSUE

#76

Not found on the server.

Customer not found.

Done on the phone at Oct 27, 2026 2:16 AM

 **Discard**

 **Retry**

Something could not be sent. See Settings >
Sync issues.

Operations that Odoo refused are listed with the reason and can be retried.

Flag in Odoo	Meaning	What to do
price_mismatch	The unit price differs from the pricelist by more than the tolerance.	Check the sale; fix the pricelist or coach the salesman.
discount_exceeded	A discount above the maximum of the settings.	Check the sale.
tax_mismatch	The phone used other taxes than Odoo; the invoice uses the taxes of Odoo.	Update the app data (sync) and check the fiscal position of the customer.
total_mismatch	The invoice total differs from the total the phone printed.	Compare the taxes and rounding settings.
credit_exceeded	The customer is over the credit limit or has overdue invoices.	The credit controller decides; the invoice is already posted.
outside_geofence	The visit started outside the radius (override reason on the visit).	Review the reason; fix the GPS position of the customer if it is wrong.
negative_stock	The sale took more than the van had (stock went negative).	A loading was not recorded or the count is wrong; the settlement will show it.
late_sync	The operation reached Odoo more than 12 hours after it happened.	Information only.
blocked_customer	A sale to a blocked customer.	Check why.
return_exceeds_invoice, return_price_mismatch,	A return larger or dearer than the invoice it refers to, an	Check the return before paying a refund; a cash

invoice_mismatch,
return_without_invoice

invoice of another customer, or
a return without an invoice.

refund without an invoice
is flagged.

Tip: Rejected operations never create half a document: if an operation fails, nothing of it remains in Odoo, and the phone keeps it with the reason until you fix the data and retry, or discard it on purpose.

21. Build and publish the app

In plain words: Skip this chapter if you only want to test: `flutter run` works on a simulator or a connected phone.

- 1 Install **Flutter** (3.41 or newer), Android Studio, and on a Mac Xcode with CocoaPods; run `flutter doctor` and fix what it reports.
- 2 Unzip `flutter-app-source.zip` in a folder without spaces.
- 3 Run the setup script with your Odoo address and your own package name: `dart run tools/setup.dart --url https://odoo.example.com --package com.yourcompany.vansales`. Add `--name "Your Company Vans"`, `--color "#166534"` and `--icon your-icon-1024.png` to set the app name, the brand color and the icon (the script is safe to run again).
- 4 Run `flutter pub get`, then `flutter run` to try it, signing in with a salesman of your Odoo.

```
cd flutter-app
dart run tools/setup.dart --url https://odoo.example.com --package com.yourcompany.vansales
flutter pub get
flutter run --dart-define=SITE_URL=https://odoo.example.com
```

Target	Command	Then
Android (Google Play)	<code>flutter build appbundle --release</code>	Upload the <code>.aab</code> in the Play Console. Create the signing key once and keep it safe.
Android (internal, no store)	<code>flutter build apk --release</code>	Send the <code>.apk</code> to your salesmen (allow installation from this source).
iPhone (App Store, TestFlight)	<code>flutter build ipa --release</code>	Upload with Xcode or Transporter; create the App ID with <i>Push Notifications</i> and <i>Background Modes (location updates)</i> .

Important: Both stores ask to justify the background location: use the sentence *The app records the position of the salesman during working hours to prove customer visits and plan routes*, and publish a privacy policy. On Android 12 and newer the app asks for the Bluetooth permission to find the printer; on iPhone it asks for Bluetooth access. The app shows its own explanation before each permission.

In plain words: Push notifications (Firebase): create a Firebase project, add an Android and an iOS app with your package names, upload your **APNs key** for iOS in *Project settings* → *Cloud Messaging*, enter the project ID, the API key and the app IDs in Odoo (Settings → Notifications and sync) and paste a **service account JSON**. The app reads the identifiers from your server when it signs in, so the source code contains no key.

9:41



العربية 



Van Sales

Sign in with your salesman account

Email or login



ahmed@vanco.example

Password



.....



→] Sign in

Sign in with the Odoo login of the salesman.

9:41 



Settings



Ahmed Khalil

ahmed@vanco.example

VanCo Distribution · V01

GENERAL



Language

Same as phone



Appearance

Same as phone

SYNCHRONISATION



Sync now

Last sync: Oct 27, 2026 2:15 AM



Sync issues

Nothing waiting to be sent



PRINTING



Printer



Fake Printer

LOCATION TRACKING



Tracking diagnostics
During work hours



Today



Route



Stock



Receipts



Settings

App settings: language, printer, tracking, synchronisation.

22. Security and privacy

Topic	How it is handled
Access	The app signs in with the Odoo login; only users of the group <i>Salesman</i> with an assigned van. A salesman sees only the customers of the routes of the van (and all customers if unplanned visits are allowed). In Odoo a salesman sees only the documents of the own van and cannot change anything.
Tokens	A random token per device, only its hash is stored in Odoo, devices unused for 180 days are forgotten. Devices lists them; <i>Sign out all devices</i> on the van revokes them. Odoo slows down repeated wrong passwords. Accounts with two-factor authentication cannot sign in to the app.
Operations	Every operation is checked on the server: the customer, products, units, taxes, payment modes and documents must exist in the company and belong to the van of the user; numbers must be finite and in range; images are limited to 6 MB.
Idempotency	A document is created once per unique ID even if the phone retries; a settlement of a day is created once.
Verification page	The QR code of a receipt opens <code>/vs/verify/<token></code> : it shows only the company, the invoice number, the date, the total and the masked customer name, and not found otherwise. The token is random and long.
Location	Collected only according to the setting, with a privacy text and the system permission; points older than the retention (30 days by default) are deleted every day. Customers never see the position of the salesman.
Secrets	The Firebase service account is readable only by Odoo administrators. The app contains only public identifiers.

Tip: In some countries employee location tracking needs a written notice or consent: use the privacy text of the settings and your own policy.

23. Good to know

Limit	Detail
Promotions and loyalty	Not included: the app sells at pricelist prices with a limited manual discount. Free goods and bundle offers are not computed.
Lot and serial numbers	Products with lot or serial tracking are not offered in the app.
Price rules	Prices follow the pricelist at the quantity breaks it defines. Very complex formulas (based on another pricelist, rounding rules by customer group) are taken from what Odoo computes for the product; check a sample.
Taxes	Percentage taxes only (included or excluded). Other tax types (fixed amounts, groups, taxes computed by Python) are not supported on the phone.
Several currencies	The app sells in the currency of the company.
Credit limits on two phones	The limit is checked on the phone with the data it has; Odoo flags the excess afterwards.
iPhone and printers	Only Bluetooth Low Energy printers (chapter 14).
Background location	Android and iOS may stop apps to save the battery. Ask salesmen to allow location <i>always</i> and disable battery optimisation for the app; points wait on the phone until the network is back.
Odoo version	Built and tested on Odoo 19.0.

24. For developers

In plain words: Skip this chapter if you only use the product. The complete contract of the app API is in [documentation/API.md](#) .

```
# is the server reachable?
curl https://odoo.example.com/api/vs/v1/ping
# {"ok": true, "api_version": 1, "server_time": "2026-10-26T08:00:00Z"}

# sign in (returns a token, the van and the configuration)
curl -X POST https://odoo.example.com/api/vs/v1/auth/login -H 'Content-Type: application/json' -d '{"login": "ahmed@example.com", "password": "...", "device": {"id": "abc", "platform": "android", "version": "1.0.0"}, "van": {"id": "123", "name": "Van 123", "color": "red"}, "config": {"language": "en", "currency": "USD", "timezone": "UTC"}, "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1d2UiOiJhbmQ1IiwiaWF0IjoxNjU4MjUwMDAwfQ.eyJ1d2UiOiJhbmQ1IiwiaWF0IjoxNjU4MjUwMDAwfQ"}'

# push the queued operations and pull the changes (every operation has a uuid and an immutable local_seq)
curl -X POST https://odoo.example.com/api/vs/v1/sync -H "Authorization: Bearer $TOKEN" -H "Accept-Language: en" -d '{"cursor": null, "include_master": true, "ops": [{"uuid": "9d1c...", "type": "visit_start", "payload": {"visit_uuid": "5f0e...", "partner_id": 7, "planned": true, "lat": 25.0, "lon": 10.0}}, {"uuid": "9d1c...", "type": "visit_end", "payload": {"visit_uuid": "5f0e...", "partner_id": 7, "planned": true, "lat": 25.0, "lon": 10.0}}, {"uuid": "9d1c...", "type": "van_sale", "payload": {"van_id": "123", "sale_price": 10000, "sale_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "order_booking", "payload": {"order_id": "123", "booking_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "return", "payload": {"order_id": "123", "return_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "payment", "payload": {"order_id": "123", "payment_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "load_accept", "payload": {"order_id": "123", "load_accept_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "settlement_submit", "payload": {"order_id": "123", "settlement_submit_date": "2026-10-26"}}, {"uuid": "9d1c...", "type": "customer_create", "payload": {"customer_id": "123", "create_date": "2026-10-26"}}]}'
```

Area	Endpoints under /api/vs/v1
Session	GET /ping, /config, /auth/me; POST /auth/login, /auth/logout, /auth/push-token
Sync	POST /sync (operations: visit_start, visit_end, van_sale, order_booking, return, payment, load_accept, settlement_submit, customer_create)
Tracking	POST /tracking/batch (also /api/vs/tracking/batch)
Data	GET /partners/<id>/credit, /products/<id>/image, /company/logo
Documents	GET /orders/<id>/receipt, /orders/<id>/invoice.pdf, /orders/<id>/receipt.pdf; public: GET /vs/verify/<token>

In plain words: Calls send `Authorization: Bearer <token>` and optionally `Accept-Language`. Every operation of `/sync` has a unique `uuid` and an immutable `local_seq` and is answered `applied`, `duplicate`, `rejected` or `conflict`. The module has 110+ automated tests (`--test-tags /taqnix_van_sales`) and the app has unit tests (`flutter test`).

25. Troubleshooting

Problem	What to do
The app cannot connect	Open <code>https://your-odoo/api/vs/v1/ping</code> on the phone: it must answer <code>{"ok": true}</code> . Check https, the certificate, the address without a trailing slash and that the module is installed on that database (use the <code>dbfilter</code> setting if you have several).
Sign-in says the account is not a salesman, or has no van	Give the user the group <i>Van Sales: Salesman</i> and assign the user to a van.
The route is empty	The van needs a route with customers on today's weekday; check odd/even weeks and the date range of the lines.
A visit cannot start	The customer needs a GPS position; the phone needs a GPS fix better than the accuracy limit and to be inside the radius. Move closer, or let the salesman use the override with a reason, or raise the radius for this customer.
A product is missing	It must be sellable, not tracked by lot or serial, have <i>Sold from vans</i> ticked, belong to the company, and the phone must have synced after the change.
The price is not the one of the pricelist	Check the pricelist of the customer (a customer without a pricelist uses the default of the van) and that the pricelist feature is on. The phone refreshes pricelists at every sync.
Stock is short in the van	The sale is limited to the van stock. Load the van, or accept the load if it is still waiting for the signature.
The printer is not found	Switch it on, keep it near, allow the Bluetooth permission, and on iPhone use a Bluetooth Low Energy printer. Try <i>Share as PDF</i> meanwhile.
The receipt prints garbage or Arabic is wrong	Use Image mode; in Text mode the printer's own font is used.
The settlement says the day is closed	A settlement of that day was already submitted. Ask the supervisor to reject it if the salesman must count again.

Sale in the sync issues	Open the entry for the reason (unknown product, unit not valid, period closed...). Fix the data in Odoo and press Retry.
No push notifications	Check the Firebase identifiers and the service account in the settings, the APNs key for iPhone, and that the user allowed notifications.

26. Support

Installation help and bug fixes are included for 6 months, with lifetime updates. Contact us through the marketplace page where you bought the module or write to **support@taqnix.com** with your Odoo version and a screenshot.

Changelog

1.0.0 – Initial release

- Odoo module: vans with stock locations, routes with weekdays and odd/even weeks, geofenced visits, ex-van sales (order, delivery from the van, posted invoice, payments), orders for later, returns to the van or quarantine with credit notes, collections, post-dated checks, soft and hard credit control, van loading with signature, end-of-day settlement, supervisor map, receipt and settlement reports, public verification page
- REST API with idempotent sync and immutable local sequence numbers, pricelist tiers, taxes and fiscal positions, push notifications (Firebase)
- Flutter salesman app for Android and iOS, offline-first, with barcode scanner, units and cases, credit checks, ESC/POS Bluetooth printing (58 and 80 mm, image and text modes), receipt preview, GPS tracking
- English and Arabic app, module and documentation; 110+ automated tests