



FacControl
Système de Facturation

USER MANUAL

Electronic Billing and Invoicing System (SFE)

Publisher: GBM Computer Expert SARL



MINISTÈRE DES FINANCES
DIRECTION GÉNÉRALE
DES IMPÔTS



FACTURE
NORMALISÉE

Date	Versions	Comment
10/01/2026	1.0	Initial version
22/02/2026	1.1	Multiple payment methods, specific tax update
17/03/2026	1.2	Smart e-MCF and MCF update
09/04/2026	1.3	Pro-forma invoice module update

Publisher Legal Information

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Slogan: Your idea, our technology



FacControl
Système de Facturation

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1. INTRODUCTION

1.1 Overview

FacControl is a smart Enterprise Invoicing System (SFE), designed and developed to meet the regulatory requirements set by the Directorate General of Taxes (DGI) of the Democratic Republic of the Congo for standardized invoicing.

The system implements all the technical requirements of the SFE, in particular:

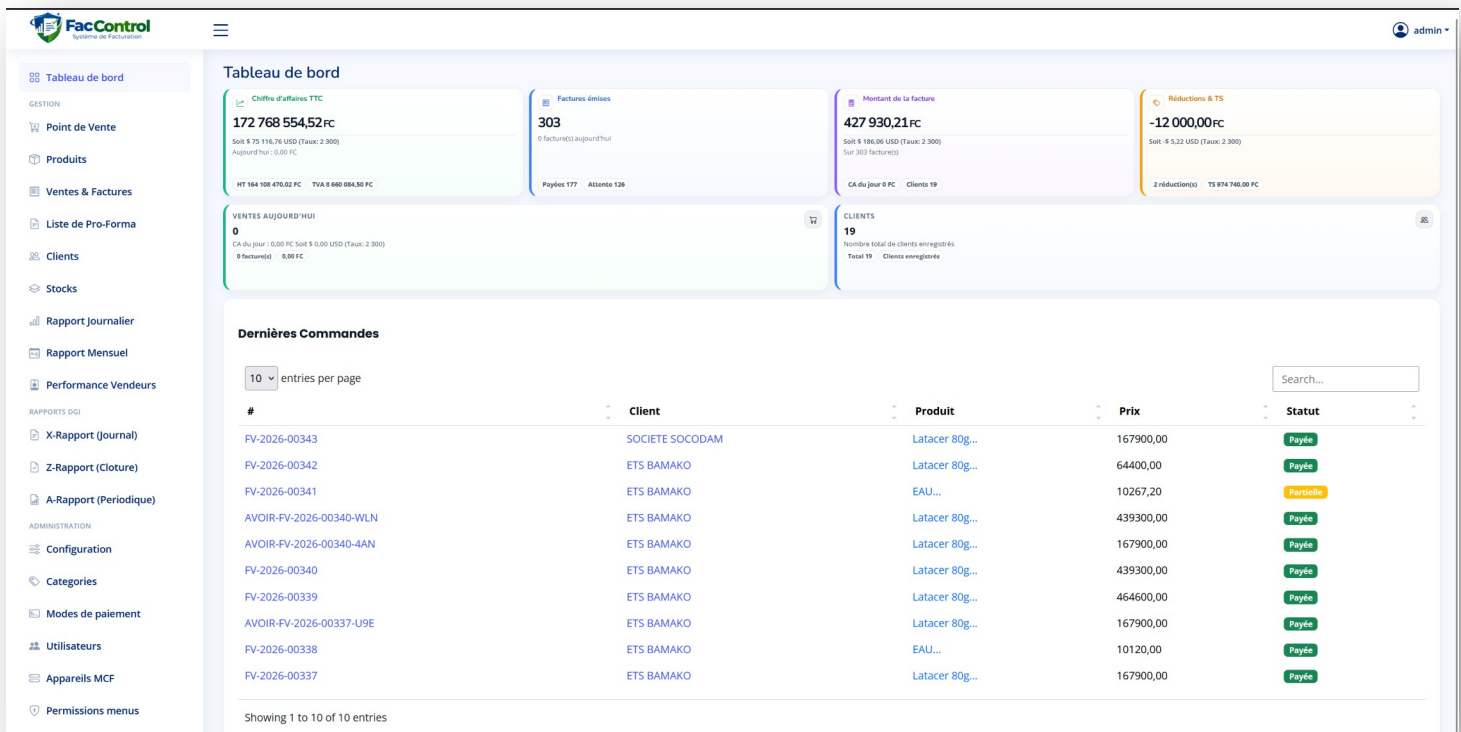
- Generating tax invoices that comply with the types defined by the DGI,
- Mandatory integration with the e-MCF (DGI API) and MCF (physical device) tax platforms,
- Compliance with tax standardization rules, including the tax signature, the DEF code, the NIM and the counters,
- Producing the regulatory X, Z and A tax reports,
- Reliable, secure and traceable management of cash register operations.

FacControl thus ensures compliance with the SFE specifications defined by the DGI, while offering a modern, flexible solution adapted to the operational realities of businesses.

Main features

- **Modern point of sale (POS):** a dynamic checkout interface with smart search and smooth cart management.
- **DGI-compliant standardized** invoicing: full support for the required invoice types (FV, FT, FA, EV, ET, EA), with automatic generation of the tax security elements (UID, DEF, QR Code, etc.).
- **Smart dual tax channel (e-MCF / MCF):** FacControl includes a tax orchestrator that automatically handles:
 - The choice of the main channel
 - The fallback when a channel is unavailable
 - Strict validation before saving
- **Multi-currency (CDF / USD):** sales management in Congolese francs and foreign currencies, with automatic conversion based on the exchange rate configured in the system.
- **Sales management:** customer management, deferred payment management and payment history.
- **Discount system:** application of commercial reductions (RRR).
- **Tax and analytical reports:** generation of the regulatory reports (X, Z, A) as well as performance indicators (revenue, sales, taxes, etc.).
- **Advanced inventory** management: tracking of stock movements, threshold alerts, inventories and full traceability.
- **Invoice printing:** A4 format (standard)
- Every invoice must include:
 - Tax QR Code
 - DEF code
 - DGI security elements





The screenshot shows the FacControl application dashboard. The left sidebar contains navigation menus for 'GESTION' (Point de Vente, Produits, Ventes & Factures, Liste de Pro-Forma, Clients, Stocks, Rapport Journalier, Rapport Mensuel, Performance Vendeurs), 'RAPPORTS DGI' (X-Rapport (Journal), Z-Rapport (Cloture), A-Rapport (Periodique)), and 'ADMINISTRATION' (Configuration, Categories, Modes de paiement, Utilisateurs, Appareils MCF, Permissions menus). The main area is titled 'Tableau de bord' and displays four summary cards: 'Chiffre d'affaires TTC' (172 768 554,52 FC), 'Factures émises' (303), 'Montant de la facture' (427 930,21 FC), and 'Réductions & TS' (-12 000,00 FC). Below these is a 'VENTES AUJOURD'HUI' card showing 0 sales. A 'CLIENTS' card shows 19 clients. The bottom section, 'Dernières Commandes', displays a table of recent orders with columns for #, Client, Produit, Prix, and Statut. The table lists 10 orders, all from 'ETS BAMAKO', with various products and prices, and statuses ranging from 'Payée' to 'Partielle'. A search bar and a dropdown for '10' entries per page are also visible.

✓ Overview of the FacControl application

1.2 User Profiles (Roles)

FacControl provides role-based user management to secure access to features according to each person's responsibilities within the company.

By default, the system distinguishes the following profiles:

- Salesperson / Cashier
 - Operational user in charge of daily sales.
 - They have access to:
 - Using the checkout module (POS)
 - Creating and validating invoices (FV, FA, RRR, etc.)
 - Collecting payments (cash, mobile money, etc.)
 - Printing invoices

Restrictions:

- Cannot change system settings
- Cannot manage users
- Cannot configure tax elements (DGI, e-MCF, MCF)



- Administrator
 - User with full access to the entire system.

They have access to:

- General application configuration
- Tax settings (e-MCF / MCF integration)
- User and role management
- Management of items, customers and inventory
- Access to reports and statistics
- Supervision of cash register operations
- Fiscal channel configuration (EMCF / MCF / fallback)

The administrator is responsible for:

- The tax compliance of the system
- The correct configuration of DGI settings
- The overall security of the application
- ♦ Possible Extension (Custom Role)

FacControl also allows custom roles with specific permissions to be created, to fit the organizational needs of the company (e.g. supervisor, controller, stock manager, etc.).

Authentication **and security**

Each user accesses the system with:

- An email address
- a personal password

A main Administrator account is created by GBM Computer Expert when the system is first installed. This account is responsible for creating and managing the other user accounts.

For security reasons:

- Administrator access must be strictly limited to authorized people
- Sensitive operations (tax configuration, DGI settings) must be controlled
- Every action is linked to a user to ensure traceability

⚠ **DGI Compliance**

The role system guarantees:

- Separation of responsibilities
- Traceability of operations
- Secure access to sensitive tax functions

This mechanism helps meet the requirements of the Directorate General of Taxes regarding the security and control of invoicing systems.



2. LOGIN AND GETTING STARTED

2.1 Signing In to FacControl

To access the FacControl **application**, the user must sign in through the secure authentication interface.

Sign-in procedure

- **Login screen:**

The user enters their **email** address and **password in** the corresponding fields.

These credentials are:

- Either provided by the system administrator,
- Or set when the user account is created.

- **“Sign in” button:**

After entering the information, the user clicks the **“Sign in” button** to confirm access.

- **System access:**

If the credentials are correct, the user is automatically redirected **to the main dashboard**, which is the application’s home interface.



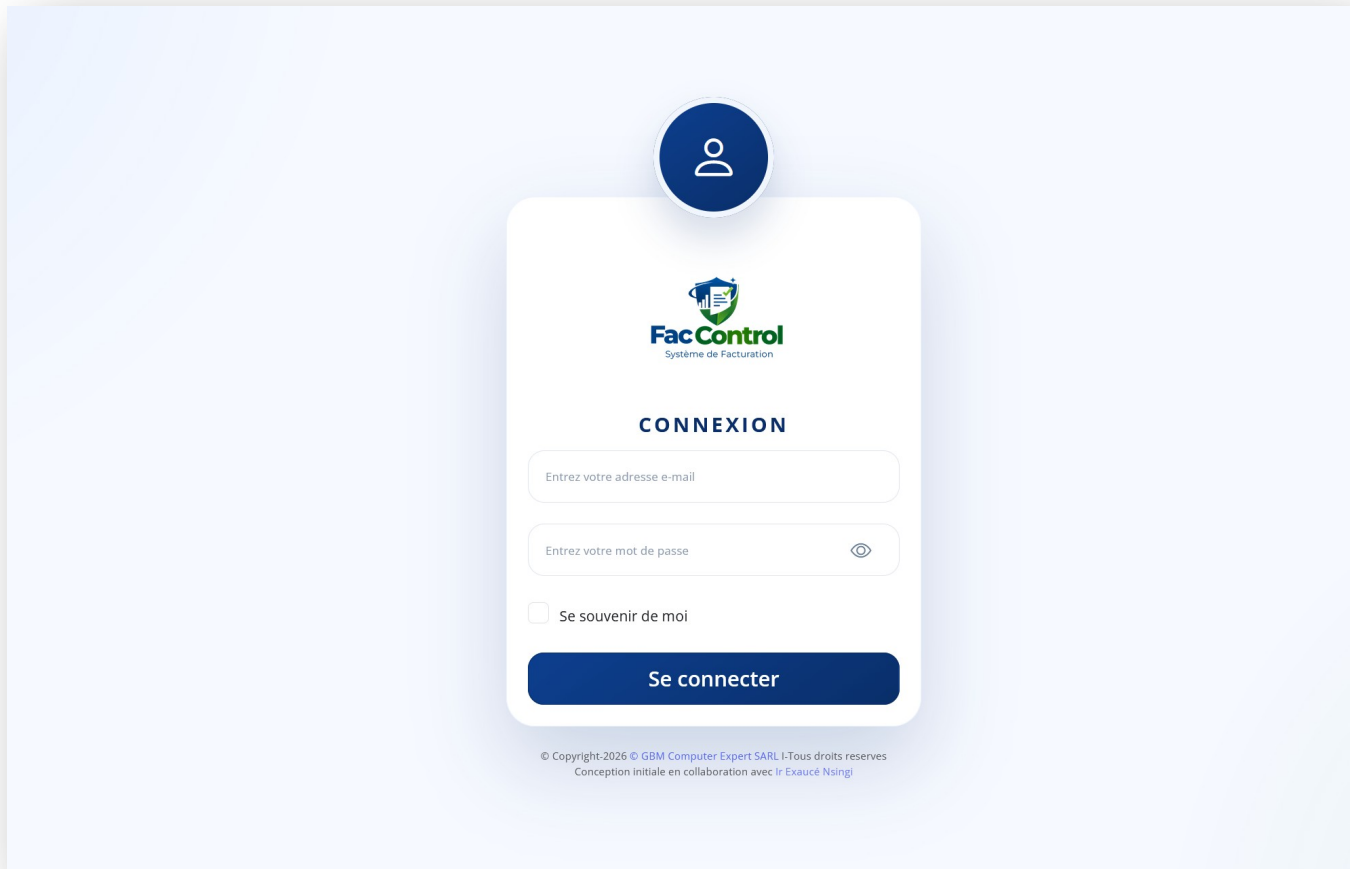
Access Security

FacControl includes security mechanisms to protect access to the system:

- Authentication with unique credentials (email + password)
- Access restriction after sign-in errors
- Traceability of user sign-ins

These measures protect sensitive data and tax operations, in accordance with the requirements of the Directorate General of Taxes.





The image shows a login screen for FacControl. At the top, there is a circular profile icon. Below it is the FacControl logo, which consists of a green shield with a white bar chart and a checkmark, followed by the text "FacControl" in green and "Système de Facturation" in smaller blue text. The title "CONNEXION" is centered below the logo. There are two input fields: "Entrez votre adresse e-mail" and "Entrez votre mot de passe" (with an eye icon for password visibility). Below these is a checkbox labeled "Se souvenir de moi". A large blue button labeled "Se connecter" is at the bottom. At the very bottom, there is a small copyright notice: "© Copyright-2026 © GBM Computer Expert SARL I-Tous droits reserves Conception initiale en collaboration avec Ir Exaucé Nsingi".

-*Login* screen (email and password entry)

- **Expected content:**
 - email field
 - password field
 - "Sign in" button

After successful authentication, the user is redirected to the home page, which is **the main dashboard of FacControl**.

Navigation in FacControl is organized as follows:

- ◆ **Dashboard**

Gives a quick view of:

- revenue
- sales statistics
- key performance indicators



- ◆ **Management**

- **Point of Sale (POS)**
Main invoicing interface used to make sales, manage the cart, collect payments and generate fiscalized invoices.
- **Products**
Management of the item catalog (creation, editing, taxation, stock).
- **Sales & Invoices**
Viewing and managing all invoices (FV, FA, RRR, etc.).
- **Pro-Forma list**
Management of non-fiscalized quotes, which can be converted into invoices.
- **Clients**
Customer management by tax type (PP, PM, PC, PL, AO).
- **Stock**
Tracking of stock movements, available levels and alerts.
- **Daily report**
Analysis of the sales made during a day.
- **Monthly report**
Overall view of monthly performance.
- **Salesperson performance**
Tracking of user (salesperson) activity and performance.

- ◆ **DGI Reports**

- **X Report (Daily)**
Interim sales report without tax closing.
- **Z-Report (Closing)**
End-of-day report that validates the tax operations.
- **A-Report (Periodic)**
Detailed sales report by item or period.

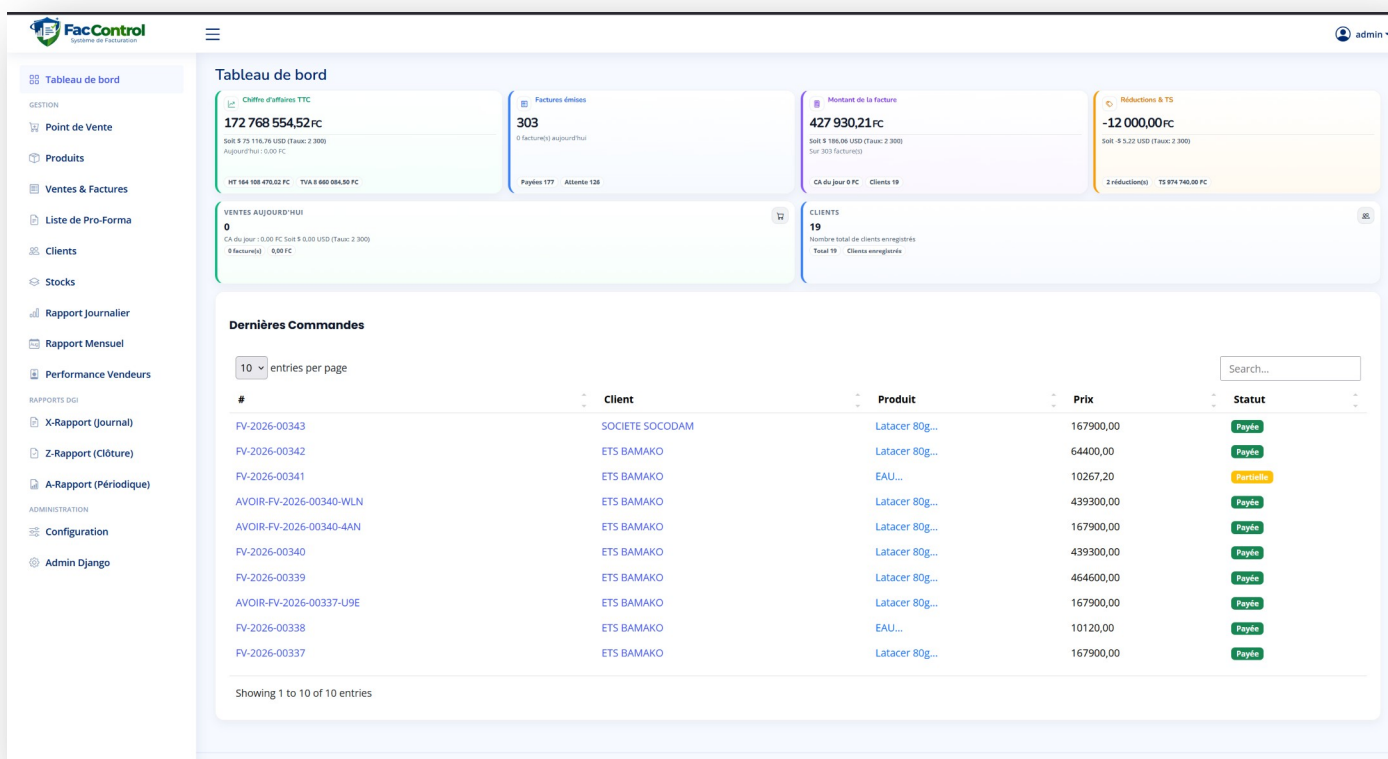
- ◆ **Administration**

- **Configuration**
General system settings:
 - exchange rate
 - tax settings
 - tax channel (e-MCF / MCF)
- **Django admin**
Advanced technical interface reserved for administrators for internal data management.

- 🔒 **Security and Access**

Access to these modules depends on the user's role (Administrator or Salesperson). Some sensitive features (configuration, DGI reports, and administration) are strictly reserved for authorized users.





2.2 Registration (First User)

When FacControl is used for the first time (after installation or deployment), no user account is registered in the system yet.

The system automatically offers to create the first **Administrator account**, which is required to initialize the application.

◆ Registration Procedure

To create the first user, follow these steps:

- Click the **"Sign up" button** to open the Administrator account creation form.
- Fill in the required information:
 - Full name**
 - Email address** (used as the sign-in identifier)
 - Password** (at least 8 characters recommended for security reasons)
- Confirm by clicking **"Create account"**.

◆ Creating the Administrator Account

The first account created is automatically assigned the **Administrator role**.

This account has all the permissions required to:

- configure the system
- set up the tax elements (DGI, e-MCF, MCF)



- create and manage the other users
- initialize the data (items, customers, settings, etc.)



Security Recommendations

To keep the system secure:

- use a strong password
- limit Administrator access to authorized people
- keep credentials in a secure environment



Important

The registration screen is available **only when the system is used for the first time**.

After the first Administrator account is created:

- other users must be created through the **Administration → Users module**
- no open registration is allowed from the public interface

Nouvel utilisateur

Formulaire utilisateur

Nom d'utilisateur

Requis: 150 caractères maximum. Uniquement des lettres, nombres et les caractères « @ », « . », « - », « + » et « _ ».

Prénom

Nom

Email

Rôle

Agent Point de Vente

Point de vente

Actif

Précise si l'utilisateur doit être considéré comme actif. Décochez ceci plutôt que de supprimer le compte.

Mot de passe

Confirmation du mot de passe

Enregistrer Annuler

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2.3 Signing Out

To sign out of the application at the end of a session or to let another user sign in:

- Click your profile avatar (icon usually located in the top right corner). A small menu appears.
- Select **"Sign out"**.

The screenshot shows the FacControl dashboard. In the top right corner, a user menu is open, displaying the user's name 'admin' and the role 'Super Administrateur'. Below the role, there is a 'Se deconnecter' (Sign out) button. A red box highlights this menu, and a red arrow points from the 'Se deconnecter' button to the 'Dernières Commandes' table below.

Tableau de bord

- Chiffre d'affaires TTC**: 174 123 254,52 FC
- Factures émises**: 308
- Montant de la facture**: 425 381,67 FC
- Reductions & TS**: -12 000,00 FC

VENTES AUJOURD'HUI: 5

CLIENTS: 19

Dernières Commandes

#	Client	Produit	Prix	Statut
FV-2026-00348	SOCIETE SOCODAM	Protivap 50g...	814 200,00 FC	Payée
FV-2026-00347	ETS BAMAKO	Protivap 50g...	124 200,00 FC	Payée
FV-2026-00346	SOCIETE SOCODAM	Protivap 50g...	124 200,00 FC	Payée
FV-2026-00345	SOCIETE SOCODAM	Protivap 50g...	167 900,00 FC	Payée
FV-2026-00344	ETS BAMAKO	Protivap 50g...	124 200,00 FC	Payée
FV-2026-00343	SOCIETE SOCODAM	Latacer 80g...	167 900,00 FC	Payée
FV-2026-00342	ETS BAMAKO	Latacer 80g...	64 400,00 FC	Payée
FV-2026-00341	ETS BAMAKO	EAU...	10 267,20 FC	Partielle
AVOIR-FV-2026-00340-WLN	ETS BAMAKO	Latacer 80g...	439 300,00 FC	Payée
AVOIR-FV-2026-00340-4AN	ETS BAMAKO	Latacer 80g...	167 900,00 FC	Payée

Showing 1 to 10 of 10 entries

3. POINTS OF SALE

3.1 Accessing the Point of Sale Option

In FacControl, the **Point of Sale** module is the main area used to record a sale.

In this part of the application, the user prepares the customer's invoice, adds the products, checks the amounts, chooses the payment method, then starts the invoice validation.

In other words, when a salesperson wants to serve a customer, they start their work in **the Point of Sale** menu. This module is part of the core of FacControl and is directly linked to the standardized invoicing and real-time fiscalization process.

How to access the Point of Sale



After signing in, the user sees the FacControl main menu in the sidebar.

To start a sale, click:

3.1.1 Point of Sale (POS)

Once this menu is opened, the system displays the point-of-sale interface.

This interface allows the user to:

- search for a product;
- click a product to add it to the sale;
- view the cart;
- select the customer if needed;
- enter the payment;
- validate the invoice or save a pro-forma, depending on their rights and needs.

Role of the Point of Sale module

The Point of Sale module is not just a display page. It is the main tool for processing sales in FacControl.

When a user opens this option, they enter the area where the whole commercial transaction takes place.

The system then makes it possible to:

1. Prepare the sale

The user chooses the items the customer wants to buy.

2. Build the cart

Each product added appears in the sales cart with the related amounts.

3. Check the data

The system checks the consistency of the sale, including available stock, amounts, discounts and business rules.

4. Manage the payment

The user can enter one or more payment methods, depending on the active FacControl configuration.

5. Start invoicing

When the user clicks the validation button, the system prepares the invoice, applies the tax rules and starts fiscalization through the configured channel.

What the user needs to understand

For a non-technical user, remember this:

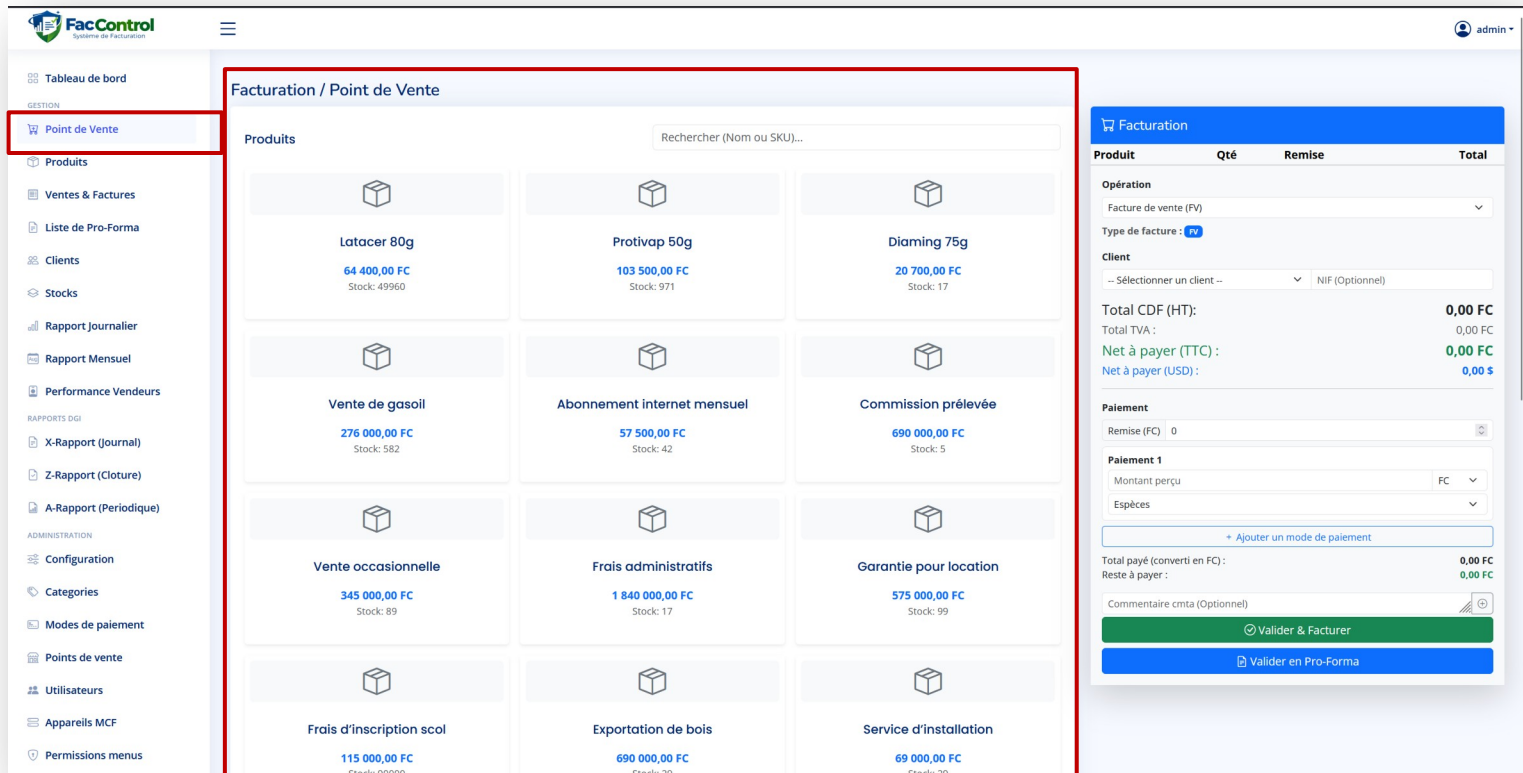
The **Point of Sale menu** is where the customer's sale is processed from start to finish.

This is where you will:



- choose the products;
- see the total amount;
- complete the useful information;
- select the payment;
- produce the invoice.

The user therefore does not need to go through several menus to sell. Everything is done from the Point of Sale.



3.2 Point of Sale Interface (Overview)

Once the user opens the Point of Sale **module**, the system displays the checkout interface.

This interface is the main workspace for making a sale. It is designed to be **simple, clear and quick** to use, even for a non-technical user.

General layout of the interface

The Point of Sale screen is organized into several functional areas that cover the entire sale.

1. Product search and selection area



This area allows the user to add products to the sale.

The user can:

- search for a product by typing its name;
- click a product directly to add it to the cart.

As soon as a product is selected, it is automatically added to the sale.

2. Cart area

The cart displays all products selected for the customer.

For each product, the user sees:

- the item name;
- the quantity;
- the unit price;
- the line total.

👉 The cart is updated automatically whenever an item is added or changed.



Produit	Qté	Remise	Total
Protivap 50g Taxe: 5% (inclus)	1	0	103 500,00 FC
Commission prélevée Taxe: 0% (inclus)	1	0	690 000,00 FC

Opération
Facture de vente (FV)

Type de facture : FV

Client
-- Sélectionner un client -- NIF (Optionnel)

Total CDF (HT): 788 571,43 FC
Total TVA : 4 928,57 FC
Net à payer (TTC) : 793 500,00 FC
Net à payer (USD) : 345,00 \$

Paieement
Remise (FC) 0

Paieement 1
Montant perçu FC
Espèces

+ Ajouter un mode de paiement

Total payé (converti en FC) : 0,00 FC
Reste à payer : 793 500,00 FC

Commentaire cmpta (Optionnel)

Buttons: Valider & Facturer, Valider en Pro-Forma

Button to remove the item or product from the cart

The products selected in the point of sale and their amounts appear here

Field for entering a discount or reduction amount on the item

The default invoice type

Select an existing customer

A global discount on the sales invoice

3. Amounts area (totals)

This area shows the calculations performed automatically by the system.

It usually includes:

- the product total;
- the discounts applied;
- the taxes (VAT and other taxes if applicable);
- the total amount to pay;



If the system is configured for multiple currencies:

- the amount can be displayed in CDF
- with a USD equivalent based on the configured rate

👉 FacControl performs all calculations automatically.

Produit	Qté	Remise	Total
Protivap 50g Taxe: 5% (inclus)	1	0	103 500,00 FC
Commission prélevée Taxe: 0% (inclus)	1	0	690 000,00 FC

Opération
Facture de vente (FV)
Type de facture : FV

Client
-- Sélectionner un client -- NIF (Optionnel)

Total CDF (HT): 788 571,43 FC
Total TVA : 4 928,57 FC
Net à payer (TTC) : 793 500,00 FC
Net à payer (USD) : 345,00 \$

Paiement
Remise (FC) 0
Paiement 1
Montant perçu FC
Espèces
+ Ajouter un mode de paiement

Total payé (converti en FC) : 0,00 FC
Reste à payer : 793 500,00 FC

Commentaire cmta (Optionnel)

Valider & Facturer
Valider en Pro-Forma

Automatic calculation

4. Customer area

This part identifies the customer linked to the sale.

The user can:

- select an existing customer;
- or keep a walk-in customer if allowed.

👉 Depending on fiscal requirements, certain information may be required (e.g. NIF).



5. Payments area

In this area, the user enters how the customer will pay.

FacControl lets you:

- choose a payment method (cash, mobile money, etc.);
 - use several payment methods on the same sale if needed;
- 👉 The system checks that the payment matches the total amount.

FacControl lets you: choose a payment method (cash, mobile money, etc.); use several payment methods on the same sale if needed;

Button to add a comment line

Field for a short comment (e.g. the exemption number)



6. Main actions area

The interface has essential buttons:

- **Validate & invoice**
→ finalizes the sale and starts fiscalization
- **Validate as pro forma**
→ creates a non-fiscalized document

👉 These actions are important and must be used with care.

Facturation

Produit	Qté	Remise	Total
Protivap 50g Taxe: 5% (inclus)	1	0	103 500,00 FC
Commission prélevée Taxe: 0% (inclus)	1	0	690 000,00 FC

Opération
Facture de vente (FV)

Type de facture : **FV**

Client
-- Sélectionner un client -- NIF (Optionnel)

Total CDF (HT): **788 571,43 FC**
Total TVA : 4 928,57 FC
Net à payer (TTC) : 793 500,00 FC
Net à payer (USD) : 345,00 \$

Paieement
Remise (FC) 0

Paieement 1
Montant perçu FC
Espèces

+ Ajouter un mode de paieement

Total payé (converti en FC) : 0,00 FC
Reste à payer : **793 500,00 FC**

Commentaire crmta (Optionnel)

Valider & Facturer

Valider en Pro-Forma

Button to validate the invoice

Button to print a pro-forma



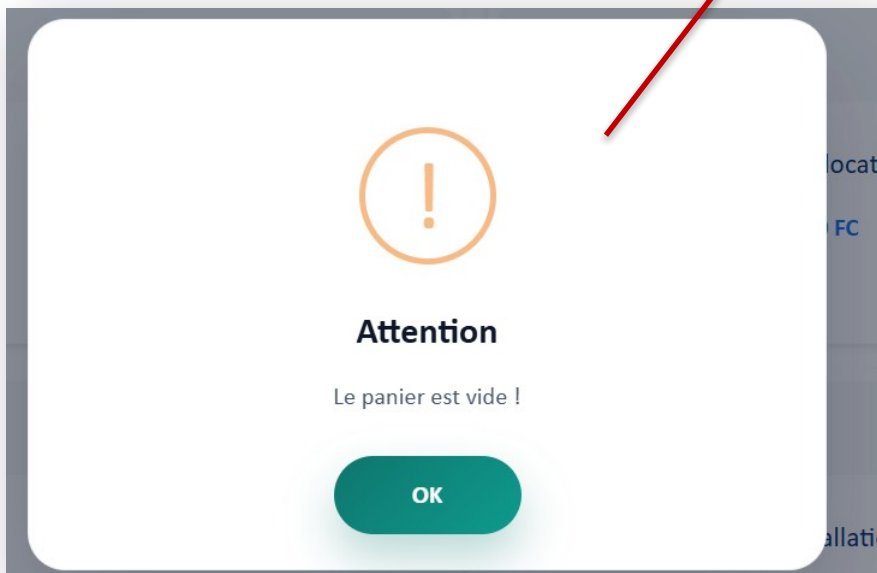
Simplified workflow for the user

To make a sale, the user always follows the same logic:

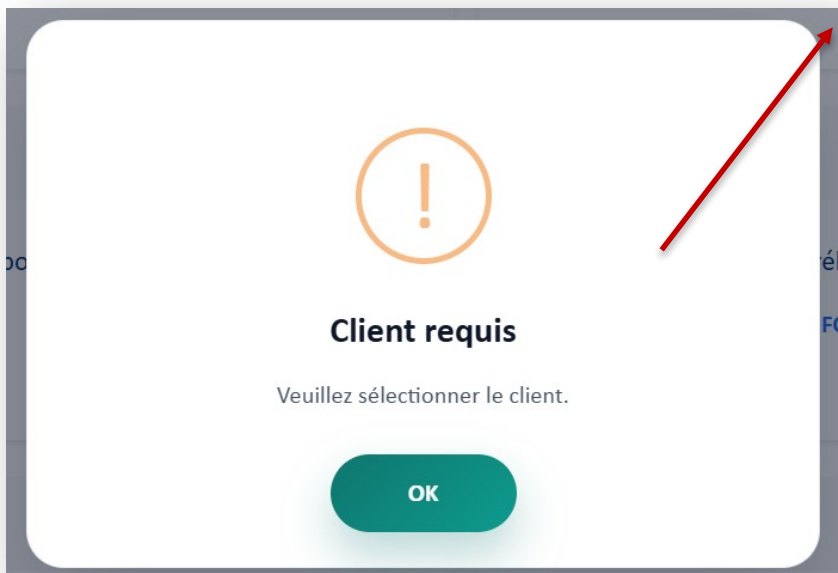
1. Add products
2. Check the cart
3. Identify the customer (if necessary)
4. Enter the payment details
5. Click **Validate & Invoice**

👉 Everything is done on a single screen.

This message appears when the cart is empty and you try to validate the invoice



This message appears when no customer is selected and you try to validate the invoice

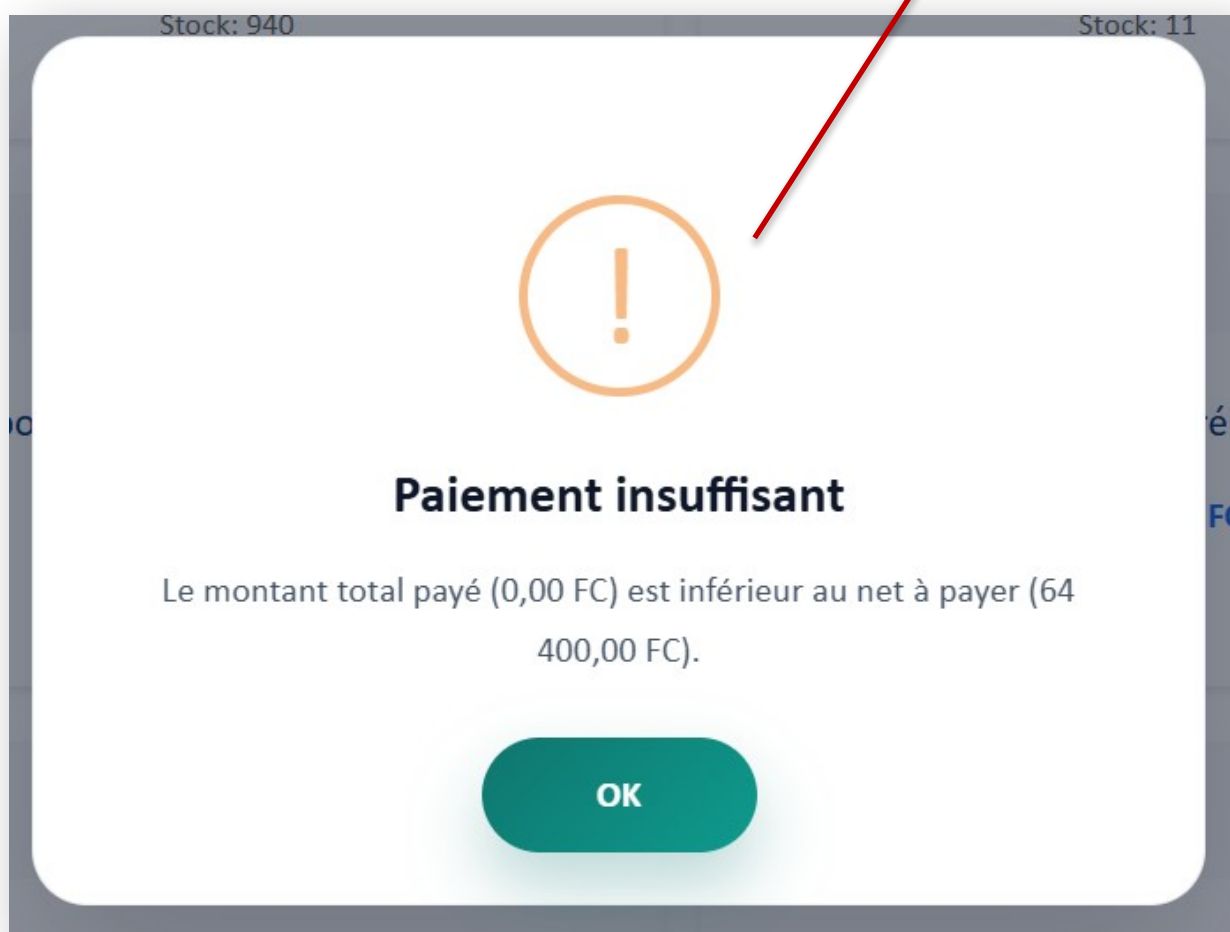


Smart system behavior

FacControl performs several operations automatically:

- calculating amounts;
 - applying taxes;
 - managing discounts;
 - checking stock;
 - preparing the data for fiscalization;
- 👉 The user does not need to perform calculations or technical checks.

This message appears when the amount entered does not match the amount due



Link with fiscalization



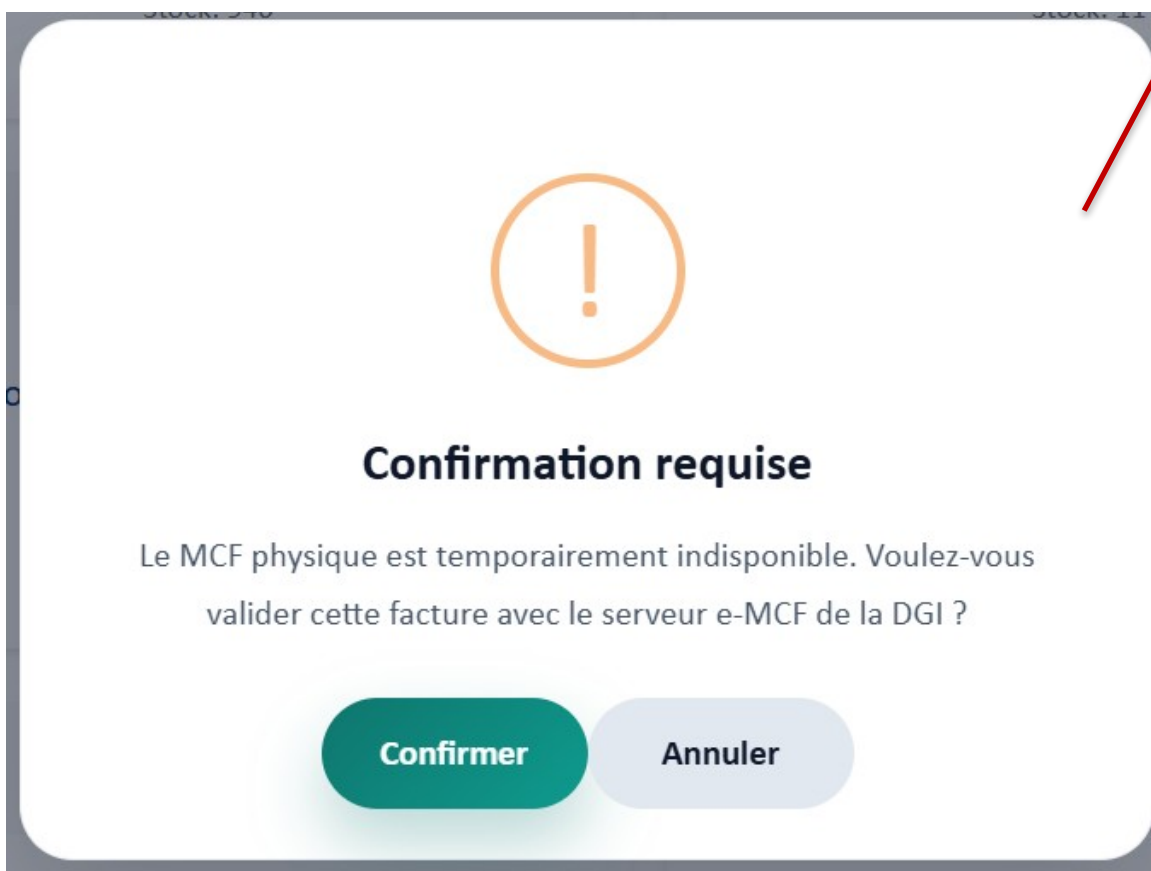
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When the user validates the sale:

- the system prepares the invoice data;
- it sends this data to the tax system (e-MCF or MCF);
- it waits for the tax response;
- the invoice is finalized only if everything is correct.

This message appears when you validate the invoice while the MCF is unplugged but set as the first channel

👉 If an error occurs, validation may be blocked to prevent non-compliance.



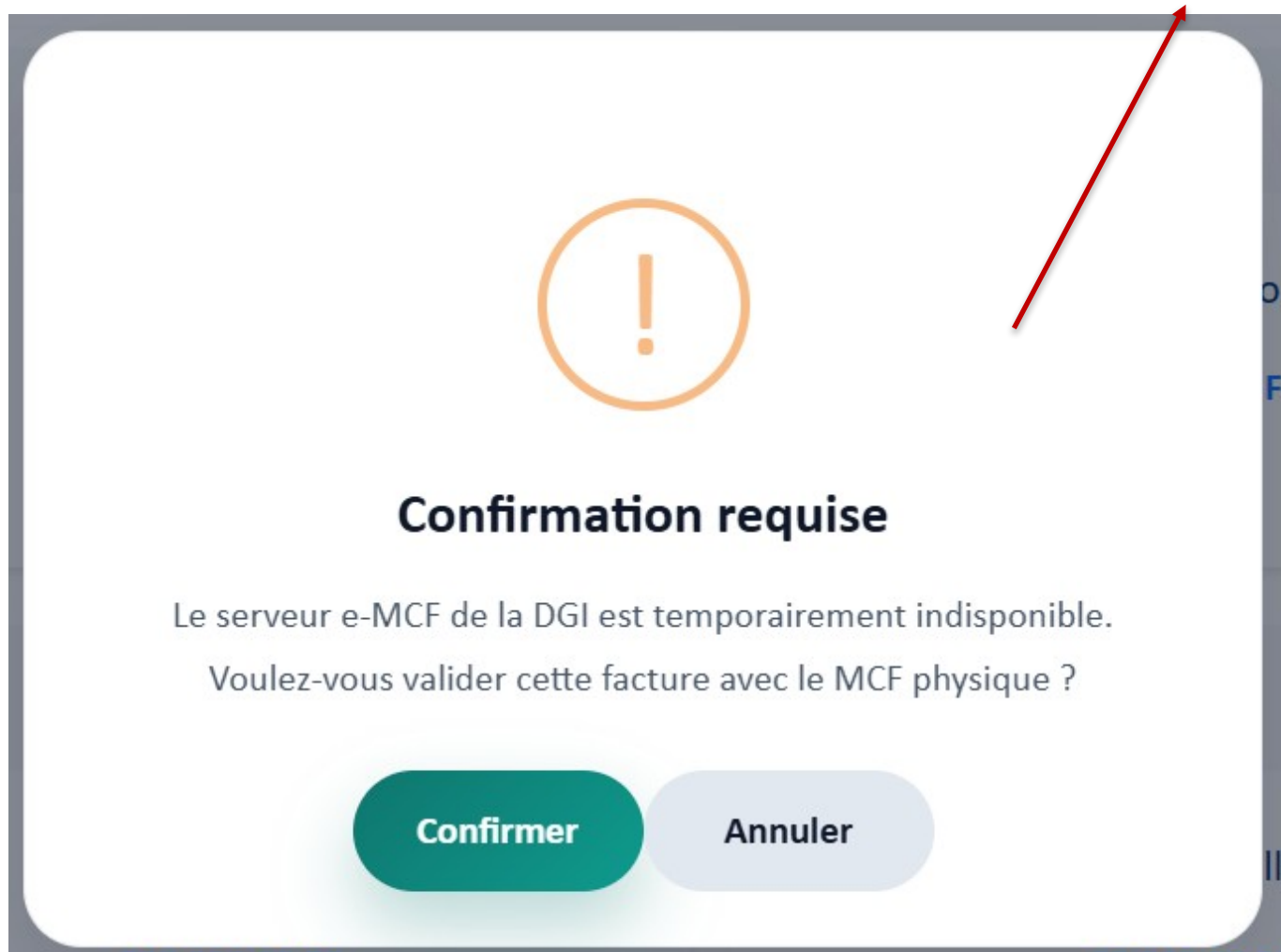
Tips for proper use

Before validating a sale:

- ✓ check the products
- ✓ check the quantities
- ✓ check the amounts
- ✓ check the payment

This message appears when you have no internet connection or the online server is unavailable: FacControl offers to switch automatically to the physical MCF if available





3.3 Adding Products to the Sale

Adding products is the first action the user performs in the Point of **Sale module**.

At this step, the customer's sale is built by selecting the items they want to buy.

Purpose of this step

Allow the user to:



- search for a product;
- select a product;
- add it to the cart;
- build the sale step by step;

👉 Each product added directly affects the invoice total.

How to add a product

In FacControl, adding products is quick and simple.

1. Searching for the product

The user uses the search area to find a product.



They can:

- type the product name;
- browse the results displayed;

👉 The system automatically displays the matching products.

Filter by number of entries

Search area

2. Selecting the product

Once the product is found:

- the user clicks the product;
- the product is immediately added to the cart;

👉 There are no complex steps: a single click is all that is needed.

Automatic addition to the cart

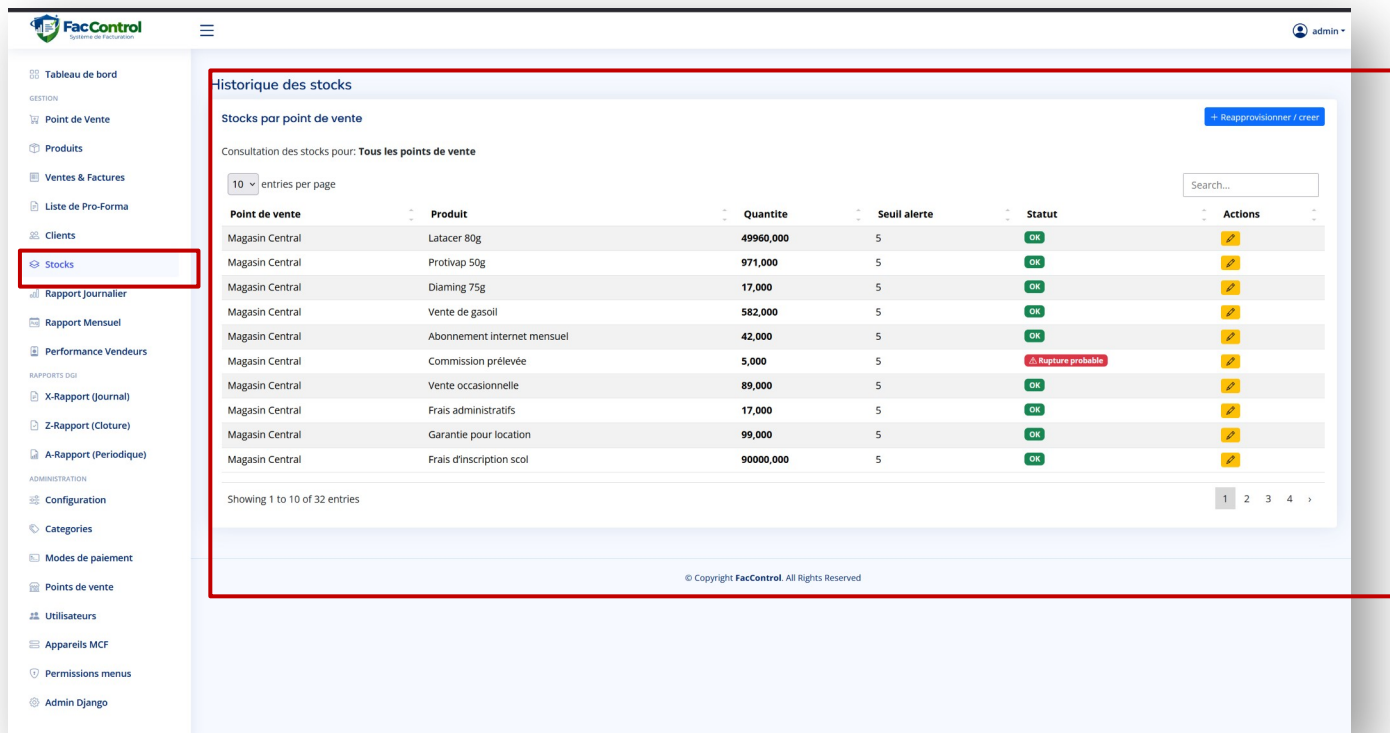
As soon as a product is selected:



- it appears in the cart;
- the quantity is automatically set to 1;
- the price is applied automatically;

If the user clicks the same product several times:

- the quantity increases automatically.



Historique des stocks

Stocks par point de vente

Consultation des stocks pour: Tous les points de vente

10 entries per page

Point de vente	Produit	Quantite	Seuil alerte	Statut	Actions
Magasin Central	Latacer 80g	49960,000	5	OK	
Magasin Central	Protivap 50g	971,000	5	OK	
Magasin Central	Diaming 75g	17,000	5	OK	
Magasin Central	Vente de gasoil	582,000	5	OK	
Magasin Central	Abonnement internet mensuel	42,000	5	OK	
Magasin Central	Commission prélevée	5,000	5	Rupture probable	
Magasin Central	Vente occasionnelle	89,000	5	OK	
Magasin Central	Frais administratifs	17,000	5	OK	
Magasin Central	Garantie pour location	99,000	5	OK	
Magasin Central	Frais d'inscription scol	90000,000	5	OK	

Showing 1 to 10 of 32 entries

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Real-time update

Each time a product is added:

- the cart is updated;
- the amounts are recalculated automatically;
- the total to pay is refreshed;

👉 The user immediately sees the effect of each action.

System behavior

FacControl automatically performs several checks:

- correct identification of the product;



- application of the right price;
- inclusion of taxes;
- preparing calculations for the remainder of the sale;

👉 The user does not need to perform manual calculations.

Link with inventory management

When the product is added:

- the system takes the available stock into account;
- stock availability can be checked before the sale is validated;

👉 This prevents an unavailable product from being sold.

Special case: taxable products

Some products may be subject to:

- VAT
- specific tax

In this case:

- taxes are calculated automatically;
- they will be included in the total amount;

👉 The user does not need to configure anything at this stage.

Mistakes to avoid

When adding products:

- avoid clicking several times by mistake;
- check that the right product is selected;
- ensure that the quantity matches the customer's request;

👉 An error at this stage directly affects the invoice.

Practical tip

Before moving on to the next step:

✓ Make sure that:

- all the products requested by the customer have been added;
- the quantities are correct;
- no product was added by mistake;

👉 Preparing the cart correctly makes the rest of the sale easier.

3.4 Managing the Cart

After adding the products, the user moves on to **cart management**.

The cart contains all the items selected for the customer. In this part, the user checks and adjusts the sale before validation.

Purpose of this step

Allow the user to:

- check the products added;
- change quantities;
- correct any mistakes;
- adjust the sale before invoicing;

👉 This step is essential to ensure that the invoice is correct.

Cart display

The cart shows in real time:

- the product name;
- the quantity;
- the unit price;
- the total amount per product;

👉 All information is visible for easier checking.

Changing quantities

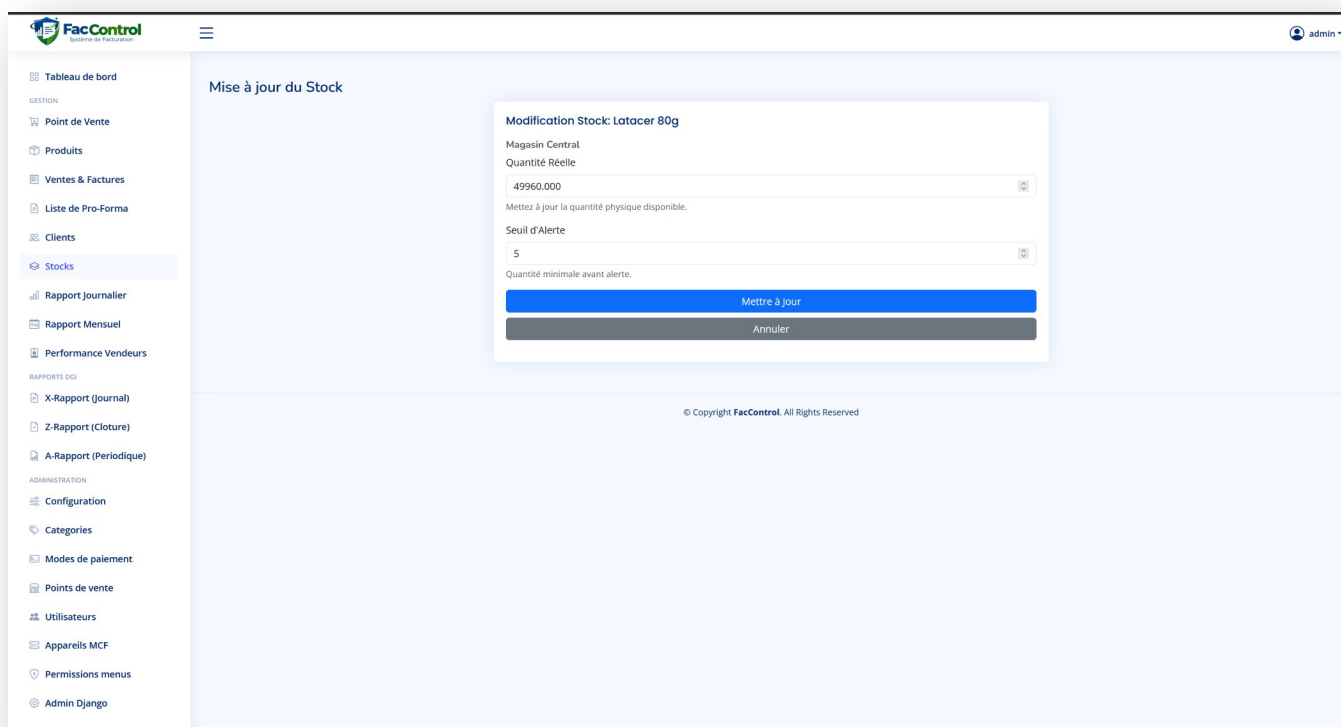
The user can change quantities directly in the cart.

They can:

- increase the quantity;
- decrease the quantity;
- enter an exact value;

👉 The system automatically updates the amounts after each change.





Removing a product

If a product was added by mistake:

- the user can remove it from the cart;
- the product disappears immediately;
- the totals are recalculated automatically;

👉 This makes it possible to correct an error quickly.

Automatic update of amounts

FacControl automatically calculates:

- the product total;
- the taxes;
- the final amount to pay;

👉 No manual calculation is required.



Checking the cart before validation

Before continuing, the user must make sure that:

- all the products are correct;
- the quantities match the customer's request;
- no unnecessary product is present;

👉 An error in the cart results in an error on the invoice.

Link with invoicing

The cart is the basis of the invoice.

All the information it contains will be used to:

- generate the invoice;
- calculate the taxes;
- send the data to the tax system (e-MCF / MCF);

👉 Once the invoice has been validated, some corrections become complex (credit notes, RRR, etc.).

 Avoir commercial RRR

Produit	Qté	Montant	Total
Opération			
Avoir commercial RRR (FA) ▼			
Type de facture : FA Nature : RRR			
Référence facture de vente			
Laisser vide pour utiliser RRR			
Optionnel pour un RRR. Si rien n'est renseigné, la référence enregistrée sera RRR .			
Client			
-- Sélectionner un client -- ▼		NIF (Optionnel)	
Total HT theorique :			0,00 FC
Total TVA :			0,00 FC
Total avoir (TTC) :			0,00 FC
Net à payer (USD) :			0,00 \$
Commentaire cmta (Optionnel) ⏏ +			
✓ Générer l'avoir RRR			

Practical tip



Before moving on to the next step:

- ✓ take a few seconds to review the cart ✓
- check the displayed amounts
- ✓ make sure everything matches the actual sale

👉 This check prevents errors and later corrections.

3.5 Managing the Customer

After adding the products and checking the cart, the next step is to identify **the customer** linked to the sale. This step is important, because some invoices require precise customer information to comply with tax requirements.

Purpose of this step

Allow the user to:

- link a customer to the sale;
- correctly identify the invoice recipient;
- comply with the fiscal requirements for the invoice type;

👉 Depending on the situation, a sale can be completed with or without an identified customer.

Possible cases in FacControl

1. Walk-in customer

In this case:

- no specific customer is selected;
- the sale is recorded as a standard sale;

👉 This option is generally used for quick sales.

2. Existing customer

The user can select a customer who is already registered in the system.

To do so:

- they search for the customer in the dedicated area;
- they click the desired customer;

👉 The customer's information is automatically applied to the sale.

3. New customer (if needed)

If the customer does not exist yet:

- the user can create a new customer;
- the user enters the required information;

👉 This option depends on the user's permissions.



Gestion des Clients

Base Clients

+ Nouveau Client

Liste de tous les clients enregistrés.

10 entries per page

Nom	Téléphone	Type	Plafond Crédit	Actions
Ambassade Canada	243835852077	Ambassades et organisations internationales	0,00 FC	Détails
Bénié Makiese	0892927228	Client Divers	0,00 FC	Détails
Brian Harris	0892157051	Personne physique	0,00 FC	Détails
Elizabeth May	8693677297	Profession libérale	0,00 FC	Détails
Erika Olson	0894566546	Personne physique	0,00 FC	Détails
ETS BAMAKO	099996787	Personne morale	0,00 FC	Détails
ETS BAMAKO REF	0891021363	Personne morale	0,00 FC	Détails
Euxaue Nsingi	0891021363	Personne physique	0,00 FC	Détails
Euxaue Nsingi	0891021363	Personne physique	0,00 FC	Détails
Euxaue Nsingi	0891021363	Personne physique	0,00 FC	Détails

Showing 1 to 10 of 19 entries

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Customer information

Depending on the customer type and tax requirements, some information may be used:

- customer name;
- customer type (individual or legal entity);
- tax number (NIF) if required;

👉 In some cases, this information is required to validate the invoice.



Link with fiscalization

Customer identification can affect:

- the invoice type;
- the tax obligations;
- the information sent to the DGI system;

👉 Incorrect customer information can cause the invoice to be rejected during fiscalization.

System behavior

FacControl can:

- accept an unspecified customer (simple case);
- require certain information depending on the configuration;
- block validation if the required data is missing;

👉 This ensures compliance with fiscal rules.

Mistakes to avoid

At this step:

- do not select the wrong customer;
- avoid mistakes in the tax information;
- do not ignore a required field;

👉 An error here can make the invoice invalid.

3.6 Payment of the sale

Once the products are added and the customer identified (if needed), the user must enter the **payment for the sale**.

This step records how the customer pays for their purchase. It is required before validating the invoice.

Purpose of this step

Allow the user to:

- choose the payment method;
- enter the amount paid;
- confirm that the payment matches the sale total;

👉 A sale cannot be finalized without a consistent payment.

Choosing the payment method

FacControl supports the different payment methods configured in the system.

For example:

- cash;
- mobile money;
- other methods defined in the configuration;

👉 The available methods depend on the settings defined by the administrator.

Single payment

In the most common case:

- the user selects a payment method;
- they enter the amount paid by the customer;

👉 The system automatically compares this amount with the sale total.

Multiple payments

FacControl also lets you split the payment across several methods.

Example:

- part in cash;
- part in mobile money;

👉 The system automatically adds the amounts to check that they match the total.

Automatic payment check

The system performs several checks:



- the total amount paid must match the sale amount;
- no inconsistent payment is accepted;

👉 If the payment is incorrect:

- validation is blocked;
- the user must correct the amounts.

Change management

If the customer pays a higher amount:

- the system automatically calculates the difference;
- this makes it possible to give the correct change;

👉 The user does not need to calculate it manually.

Facturation

Produit	Qté	Remise	Total
Protivap 50g Taxe: 5% (inclus)	1	0	103 500,00 FC
Commission prélevée Taxe: 0% (inclus)	1	0	690 000,00 FC

Opération

Facture de vente (FV)

Type de facture : FV

Client

-- Sélectionner un client --

NIF (Optionnel)

Total CDF (HT):

788 571,43 FC

Total TVA :

4 928,57 FC

Net à payer (TTC) :

793 500,00 FC

Net à payer (USD) :

345,00 \$

Paieement

Remise (FC) 0

Paieement 1

Montant perçu

FC

Espèces

+ Ajouter un mode de paiement

Total payé (converti en FC) :

0,00 FC

Reste à payer :

793 500,00 FC

Commentaire cmta (Optionnel)

✓ Valider & Facturer

📄 Valider en Pro-Forma

FacControl lets you: choose a payment method (cash, mobile money, etc.); use several payment methods on the same sale if needed;

Button to add a comment line

Field for a short comment (e.g. the exemption number)



Link with invoice validation

Payment is a required step before validation.

When the user clicks **Validate & Invoice**:

- the system checks the payment;
- if everything is correct, the sale is submitted for fiscalization;

👉 Without a valid payment, the invoice cannot be generated.

Importance for compliance

Payment is part of the important information recorded on the invoice.

It makes it possible to:

- trace how the sale was paid;
- ensure consistency between the sale and the collection;
- comply with management and control rules;

👉 These details can be used in reports and audits.

Mistakes to avoid

At this step:

- do not enter an incorrect amount;
- avoid forgetting payments;
- check the amounts when multiple payment methods are used;

👉 An error here prevents the sale from being validated.

Practical tip

Before validating:

✓ Make sure that:

- the amount paid matches the total;
- the right payment method is selected;
- the amounts are allocated correctly when multiple payment methods are used;

👉 Entering payment correctly ensures quick validation.

3.7 Validation and fiscalization of the sale

Once the user has:

- added the products;
- checked the cart;
- selected the customer (if needed);
- entered the payment;

they can proceed with **validating the sale**.

This action generates the invoice and starts the fiscalization **process**.

Purpose of this step

Allow the user to:

- finalize the sale;
- generate a compliant invoice;
- send the data to the tax system;
- obtain the DGI security elements;

👉 This step turns a standard sale into an **official fiscal invoice**.

Validation action

To finalize the sale, the user clicks the button:

“Validate & Invoice”

👉 This button automatically triggers several internal processes.

Automatic process performed by FacControl

After clicking **Validate & Invoice**, the system performs the following steps:

1. Data check

The system checks:

- the cart (products, quantities);
- the payment;
- the customer information;
- the business rules;

👉 If an error is detected, validation is blocked.

2. Preparing the tax data

FacControl prepares the information required for fiscalization:

- product details;
- amounts;
- taxes;
- customer information;

👉 This data is structured according to DGI requirements.

3. Choosing the tax channel

FacControl uses a smart system to choose the tax channel:

- **e-MCF (DGI API)**
- **MCF (physical device)**

The system:

- uses a configured main channel;
- can use a backup mode (fallback) if necessary;

👉 This mechanism is managed automatically by the system.

4. Sending the invoice to the tax system

The data is sent to the chosen tax channel.

The system then waits for a response containing the security elements.



5. Receiving the DGI security elements

If everything is correct, the system receives:

- UID (unique invoice identifier);
- DEF code;
- NIM ;
- Tax counters;
- QR Code ;

👉 These elements prove that the invoice has been fiscalized.

6. Finalizing the invoice

The invoice is recorded only after the security elements have been received.

👉 If these elements are not received:

- the invoice is not validated;
- the transaction may be cancelled;

Behavior in the Event of an Error

FacControl handles several types of errors:

Business error

Example:

- empty cart
- incorrect payment

👉 The user must correct the error before validating.

Technical error

Example:

- network problem
- DGI server unavailable
- MCF not connected

👉 The system can:

- offer a fallback;
- or block validation;

Validation blocked

If fiscalization fails:

- the invoice is not saved;
- the user must try again;

👉 This ensures fiscal compliance.

Importance for the DGI

This step is essential, because it guarantees that:

- no invoice is validated without fiscalization;



- the security elements are mandatory;
- the data complies with DGI standards;

👉 This is a key point for system certification.

Tips for the user

Before clicking **Validate & Invoice**:

✓ check the cart

✓ check the payment ✓

check the customer

✓ make sure the system is connected

A correct validation avoids blocking.

What the user must remember

A sale is not **validated** until:

- fiscalization has succeeded
- the DGI elements have been received

The system protects the user by preventing errors.





FACTURE DE VENTE (FV)

N° FV-2026-00349

09/04/2026 12:57

Opérateur: ADMIN

GBM COMPUTER EXPERT

NIF: A2560363Q | RCCM: CD/KIN/RCCM/12-B-000

Id. Nat: 01-92-N000002

123 Av. Tombalbaye C/Gombe

Email: gbmcomputerexpert@gmail.com

Tél: +243892157051

RÉGIME FISCAL: FV

Client : SOCIETE SOCODAM (PM)

Adresse : avenue Tombalbaye

Tél : 0892157051

NIF : A0705989T

#	Désignation	Prix unitaire (TTC)	Quantité	Montant (TTC)
1	LATACER 80G [B] [BIE]	64 400,00 FC	1,000	64 400,00 FC
Nombre d'articles : 1				
H.T. [B] Taxable 16,00%				55 517,24 FC
TVA [B] Taxable 16,00%				8 882,76 FC
TOTAL TVA				8 882,76 FC
NET A PAYER (TTC)				64 400,00 FC
Arrêtée la présente facture à la somme de : SOIXANTE-QUATRE MILLE QUATRE CENTS FRANCS CONGOLAIS				
Modes de paiement : ESPÈCES : 64 400,00 FC Soit 28,00 \$ (Taux: 2 300,00 FC/USD)				

-- ELEMENT SECURITE DE LA FACTURE NORMALISEE --

ISF : ABC-DEF-01

CODE DEF/DGI : TEST-FACT-URES-730C-J66S-XUCI

DEF NIM : CD01004241-1

DEF Compteurs : 304/387 FV

DEF Heure : 09/04/2026 12:57:18



LES MARCHANDISES VENDUES NI REPRÉSENTÉES NI ÉCHANGÉES.

1 of 2



3.8 Special Cases and Error Handling

When using the Point of Sale, some situations do not follow the usual flow of a simple sale.

FacControl handles these special cases to guarantee:

- the consistency of operations;
- tax compliance;
- data security;

Purpose of this section

Allow the user to:

- understand exceptional situations;
- know how to react when a problem occurs;
- avoid mistakes when invoicing;

This part is important for correct use of the system.

1. Special case: RRR (Rebates, Discounts, Refunds)

FacControl handles RRR operations, which are commercial adjustments.

Unlike a normal sale:

- an RRR transaction is treated as a credit note;
- it is not linked to a regular sale;
- it is used to correct or adjust an amount;

How RRR works

In this case:

- the user must select a customer;
- they can choose an item or enter an amount directly;
- the system generates an invoice of type FA (**credit** note);
- the reference used can be RRR;

👉 This operation follows a specific fiscal process.

Key points to remember

- RRR is not a normal sale;
- it must not be used as a regular invoice;
- it is only used to adjust a commercial situation;

2. Validation blocked

In certain situations, FacControl may prevent the sale from being validated.

This occurs when:

- the cart is empty;
- the payment is incorrect;
- required information is missing;
- fiscalization cannot be performed;

👉 The system then displays a message describing the problem.



3. Fiscalization errors

During validation, errors may occur:

Possible cases:

- no connection to the DGI server;
- MCF not connected;
- response timeout exceeded;

👉 In these cases, the system does not validate the invoice.

4. Fallback management (backup channel)

FacControl has an intelligent mechanism called **fallback**.

If the main channel is not working:

- the system can offer another channel;
- or switch automatically according to the configuration;

👉 This makes it possible to continue working despite a technical problem.

5. Validation refused without tax security

FacControl applies an important rule:

👉 **No invoice is validated without DGI security elements**

This means that:

- without a UID
- without a DEF code
- without a QR Code

👉 the invoice is not recorded.

6. Error messages

The system can display different types of messages:

- input errors (e.g. incorrect amount)
- business errors (e.g. insufficient stock)
- technical errors (e.g. server unavailable)

👉 The user must read the message and correct the problem before continuing.

7. Good practices for the user

When a problem occurs:

✓ check the information entered ✓

check the payment ✓

check the connection ✓

try the operation again

👉 Do not force an invalid validation.

Key takeaways

- all sales must be correct before validation;
- errors must be corrected immediately;



- fiscalization is mandatory;
- the system protects the user against errors;

4. INVOICES AND CREDIT NOTES

4.1 Viewing Invoices

The Invoices module allows users to view all invoices generated in the system. Each invoice corresponds to a sale validated and fiscalized through FacControl.

Purpose of this module

Allow the user to:

- view the invoice history;
- search for a specific invoice;
- check the details of a sale;
- track the operations performed;

👉 This module is essential for monitoring activity and controlling sales.

Accessing the Invoices Module

From the main menu, the user clicks:

Sales & Invoices

👉 The system then displays the list of all recorded invoices.

FacControl

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Toutes les Commandes

10 entries per page

Search...

Numéro	Date	Client	Montant Total	Payé	Reste	Statut	Vendeur	Actions
AVOIR-FV-2026-00340-4AN FA / BAN	08/04/2026 15:42	ETS BAMAKO	167 900,00 FC	167 900,00 FC	0,00 FC	Payé	exauce	
FV-2026-00340	08/04/2026 15:40	ETS BAMAKO	439 300,00 FC	607 201,00 FC	-167 901,00 FC	ANNULÉ	exauce	
FV-2026-00339	08/04/2026 15:37	ETS BAMAKO	464 600,00 FC	464 600,00 FC	0,00 FC	Payé	exauce	
AVOIR-FV-2026-00337-U9E FA / BAN	08/04/2026 15:32	ETS BAMAKO	167 900,00 FC	167 900,00 FC	0,00 FC	Payé	exauce	
FV-2026-00338	08/04/2026 15:27	ETS BAMAKO	10 120,00 FC	10 267,00 FC	-147,00 FC	Payé	exauce	
FV-2026-00337	08/04/2026 15:22	ETS BAMAKO	167 900,00 FC	167 900,00 FC	0,00 FC	ANNULÉ	exauce	
AVOIR-FV-2026-00336-4R2 FA / BAN	08/04/2026 14:41	ETS BAMAKO	167 900,00 FC	167 900,00 FC	0,00 FC	Payé	exauce	
FV-2026-00336	08/04/2026 14:40	ETS BAMAKO	878 600,00 FC	568 100,00 FC	310 500,00 FC	Payable	exauce	
FA-2026-00007 FA / BAN	08/04/2026 14:37	ETS BAMAKO	2 000,00 FC	2 000,00 FC	0,00 FC	Payé	exauce	
FA-2026-00006 FA / BAN	08/04/2026 14:34	ETS BAMAKO	2 000,00 FC	2 000,00 FC	0,00 FC	Payé	exauce	

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This button lets you edit an invoice or make several changes

This button lets you cancel the invoice completely

Invoice display

Each invoice contains important information:

- invoice number;



- date;
- customer (if specified);
- total amount;
- invoice type;

👉 This information makes it possible to identify an operation quickly.

Search and viewing

The user can:

- browse the list of invoices;
- search for a specific invoice;
- click an invoice to view its details;

👉 This makes it possible to check a transaction quickly.

Invoice details

When an invoice is opened, the user can see:

- the products sold;
- the quantities;
- the amounts;
- the taxes applied;
- the customer information;
- the fiscal security elements (UID, DEF, QR Code, etc.);

👉 These elements prove that the invoice is compliant.



Modifier la Commande FV-2026-00339

Modifier la facture FV-2026-00339
Vous pouvez ajuster les lignes existantes, retirer un article ou ajouter un nouvel article en conservant la logique de validation, de stock et de fiscalisation déjà en place.

CLIENT: ETS BAMAKO TYPE DE FACTURE: FV TOTAL TTC ACTUEL: 464 600,00 FC TVA ACTUELLE: 45 388,18 FC

Lignes existantes
Diminuer ou supprimer une ligne garde le mécanisme fiscal existant. Augmenter une quantité ou ajouter un article déduit toujours le stock du point de vente. 2 lignes actives

Produit	Nouvelle qte	Prix U.	Remise	Nouveau total	Action
Latacer 80g Qte initiale: 4	4	64 400,00 FC	0,00 FC	257 600,00 FC	Retirer la ligne
Protivap 50g Qte initiale: 2	2	103 500,00 FC	0,00 FC	207 000,00 FC	Retirer la ligne

Ajouter un nouvel article
Les nouvelles lignes utilisent le catalogue existant et respectent le stock disponible. 0 nouvelle ligne Ajouter une ligne

Article	Qte	Stock	Prix U.	Total	
-- Sélectionner un article --		Stock épuisé	0,00 FC	0,00 FC	Retirer

Motif de la modification
Ce motif reste obligatoire pour garder une trace claire de la correction.
Motif: -- Sélectionnez un motif --

0 ligne retirée | Vérifiez les quantités et le stock avant confirmation. Annuler Confirmer la modification

Link with fiscalization

All the invoices in this module:

- have been validated through the Point of Sale;
- have been fiscalized through e-MCF or MCF;
- contain the DGI security elements;

👉 An invoice without these elements is not considered valid.

Benefits for the company

This module makes it possible to:

- track the sales made;
- check operations;
- respond to audits;
- find an invoice quickly;

👉 This is an important tool for daily management.

Access rights

- the Administrator can view all invoices;
- the Salesperson can view invoices according to their permissions;

👉 This ensures security and traceability.

Practical tip

When viewing:



- ✓ check the amounts
- ✓ check the customer information
- ✓ check the fiscal elements
- 👉 This makes it possible to detect an anomaly quickly.

4.2 Invoice and Credit Note Types

In FacControl, not all invoicing operations are the same. The system distinguishes between several **types of invoices and** credit notes to address different business situations and fiscal requirements.

Purpose of this section

Allow the user to:

- understand the different invoice types;
- know when to use each type;
- avoid errors when creating an invoice;

👉 Choosing the correct invoice type is very important for compliance.

Invoice types in FacControl

1. Sales invoice (FV)

This is the most commonly used invoice type.

It corresponds to:

- a normal sale of products or services;

👉 It is generated automatically when a sale is validated in the Point of Sale.

2. Credit note (FA)

A credit note corrects an operation that has already been carried out.

It is used to:

- cancel an invoice;
- correct an error;
- adjust an amount;

👉 Unlike a sale, it does not represent a payment received.

Credit note types in FacControl

Credit notes can be of several kinds:

RAN (Cancellation)

Cancels an invoice completely.



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Modifier la Commande FV-2026-00339

Modifier la facture FV-2026-00339

Vous pouvez ajuster les lignes existantes, retirer un article ou ajouter un nouvel article en conservant la logique de validation, de stock et de fiscalisation déjà en place.

CLIENT

ETS BAMAKO

TYPE DE FACTURE

FV

TOTAL TTC ACTUEL

464 600,00 FC

TVA ACTUELLE

45 388,18 FC

Lignes existantes

Diminuer ou supprimer une ligne garde le mécanisme fiscal existant. Augmenter une quantité ou ajouter un article déduit toujours le stock du point de vente.

2 lignes actives

Produit	Nouvelle qte	Prix U.	Remise	Nouveau total	Action
Latacer 80g Qte initiale: 4	4	64 400,00 FC	0,00 FC	257 600,00 FC	Retirer la ligne
Protivap 50g Qte initiale: 2	2	103 500,00 FC	0,00 FC	207 000,00 FC	Retirer la ligne

Ajouter un nouvel article

Les nouvelles lignes utilisent le catalogue existant et respectent le stock disponible.

0 nouvelle ligne

Ajouter une ligne

Article	Qte	Stock	Prix U.	Total
-- Sélectionner un article --		Stock épuisé	0,00 FC	0,00 FC

Motif de la modification

Ce motif reste obligatoire pour garder une trace claire de la correction.

Motif

-- Sélectionnez un motif --

Correction (COR)

Annulation (RAN)

Avoir suite au reprise de Biens (RAM)

Rabais, Remise, Ristourne (RRR)

COR (Correction)

Corrects an error on an existing invoice.



Used when a customer returns a product.

RRR (Rebates, Discounts, Refunds)

Grants a reduction after a sale.

👉 This type is handled as a specific credit note in the system.

Benefits for the user

These types make it possible to:

- adapt invoicing to each situation;
- correct errors without deleting data;
- maintain clear traceability;

👉 It is important to select the correct type to avoid problems.

Link with taxation

Each invoice or credit note type:

- follows specific tax processing;
- is sent to the DGI system on validation;
- must follow the standardization rules;

👉 Incorrect use can result in rejection or non-compliance.

Practical tip

✓ use FV for standard sales ✓ use

FA only for corrections ✓ choose



the correct credit-note type (RAN, COR,
RAM, RRR) ✓ never use an incorrect type to save time
👉 This ensures system compliance.



FACTURE D'AVOIR (FA)

N° AVOIR-FV-2026-00349-50A

GBM COMPUTER EXPERT

NIF: A2560363Q | RCCM: CD/KIN/RCCM/12-B-000

Id. Nat: 01-92-N00000Z

123 Av. Tombalbaye C/Gombe

Email: gbmcomputerexpert@gmail.com

Tél: +243892157051

RÉGIME FISCAL: FV

Client : SOCIETE SOCODAM (PM)

Adresse : avenue Tombalbaye

Tél : 0892157051

NIF : A0705989T

Nature de l'avoir: Annulation

Reference: TEST-FACT-URES-730C-

J66S-XUCI

Facture source: FV-2026-00349

CODE DEF DGI Origine: TEST-FACT-

URES-730C-J66S-XUCI

Motif: RAN

09/04/2026 13:39

Opérateur: ADMIN

#	Désignation	Prix unitaire (TTC)	Quantité	Montant (TTC)
1	LATACER 80G [B] [BIE]	64 400,00 FC	-1,000	-64 400,00 FC
Nombre d'articles : 1				
H.T. [B] Taxable 16,00%				-55 517,24 FC
TVA [B] Taxable 16,00%				-8 882,76 FC
TOTAL TVA				-8 882,76 FC
NET A PAYER (TTC)				-64 400,00 FC
Arrêtée la présente facture à la somme de : SOIXANTE-QUATRE MILLE QUATRE CENTS FRANCS CONGOLAIS				
Modes de paiement : Non spécifié		Soit 28,00 \$ (Taux: 2 300,00 FC/USD)		

-- ELEMENT SECURITE DE LA FACTURE NORMALISEE --

ISF : ABC-DEF-01

CODE DEF/DGI : TEST-FACT-URES-DL7N-4RMI-XBFY

DEF NIM : CD01004241-1

DEF Compteurs : 62/388 FA

DEF Heure : 09/04/2026 13:39:15



4.3 Printing and exporting invoices

After an invoice is validated, the user can print **or export** it, to give it to the customer or keep it as a supporting document.

Purpose of this section

Allow the user to:

- print an invoice;
- give a document to the customer;
- keep a copy of the invoice;

👉 Printing is an important step in the sales process.

Button to print the A4 invoice

Accessing printing

From the invoice details:

- the user opens the invoice;
- they click the Print **option**;

👉 The system automatically generates the print-ready document.

Available print formats

FacControl usually lets you print invoices in different formats:

1. A4 format

- used for standard documents;
- suited to regular printers;



The screenshot displays the FacControl software interface. On the left is a sidebar menu with options like 'Tableau de bord', 'Gestion', 'Point de Vente', 'Produits', 'Ventes & Factures', 'Liste de Pro-Forma', 'Clients', 'Stocks', 'Rapport Journalier', 'Rapport Mensuel', 'Performance Vendeurs', 'Rapports DGI', 'X-Rapport (Journal)', 'Z-Rapport (Cloture)', 'A-Rapport (Periodique)', 'Administration', 'Configuration', 'Categories', 'Modes de paiement', 'Points de vente', 'Utilisateurs', 'Appareils MCF', 'Permissions menus', and 'Admin Django'. The central area shows a preview of a 'FACTURE DE VENTE (FV)' for 'GBM COMPUTER EXPERT'. The invoice includes company details, client information (ETS BAMAKO), a table of items (LATAKER 800), tax calculations (TVA 16,00%), and a total amount of 64,400.00 FC. It also features a QR code and a security element. On the right, a settings panel for PDF export is visible, with options for 'Save to PDF', 'Pages', 'Color mode', 'Fewer settings', 'Scale' (Fit to page width or Scale 100), 'Pages per sheet' (1), 'Margins' (Default), and 'Options' (Print headers and footers, Print backgrounds). 'Save' and 'Cancel' buttons are at the bottom.

2. Receipt format (thermal printer)

- used at the checkout;
- suited to the following widths:
 - 80 mm
 - 72 mm
 - 58 mm

👉 The format selected depends on the equipment used.

Content of the printed invoice

A printed invoice contains the following information:

- company information;
- customer information (if specified);
- list of products;
- quantities and prices;
- amounts and taxes;
- total to pay;

Mandatory tax elements

Each printed invoice must include:

- DEF code;
- UID ;
- QR Code ;
- tax information;



👉 These elements ensure that the invoice is valid.

Benefits for the user

Printing makes it possible to:

- give the customer proof of purchase;
- keep a physical document;
- make it easier to track operations;

Link with DGI compliance

The printed invoice is an official document.

It must:

- contain all the tax elements;
- comply with DGI rules;

👉 An invoice without fiscal elements is not valid.

Practical tip

Before printing:

✓ check the information

✓ check the amounts

✓ check the fiscal elements

👉 This prevents an incorrect invoice from being printed.

5. PRO FORMA

5.1 Accessing the Pro Forma Module

The **Pro Forma module** allows users to create quotation documents with no fiscal value.

A pro forma is generally used to present an offer to the customer before the sale is completed.

Purpose of this module

Allow the user to:

- create a pro-forma (quote);
- view saved pro-formas;
- print or share a pro-forma;

👉 Unlike an invoice, a pro forma is not fiscalized.

Accessing the module

From the main menu, the user clicks:

Pro-Forma list

👉 The system displays the list of existing pro forma documents.

Difference Between an Invoice and a Pro Forma

It is important to understand the difference:



Invoice

- tax document;
- sent to the DGI system;
- contains security elements;

Pro Forma

- commercial document;
- not fiscalized;
- does not contain DGI elements;

👉 A pro forma does not replace an invoice.

FacControl
Système de Facturation

admin

Tableau de bord
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Rapport Mensuel
Performance Vendeurs
RAPPORTS DGI
X-Rapport (Journal)
Z-Rapport (Cloture)
A-Rapport (Periodique)
ADMINISTRATION
Configuration
Categories
Modes de paiement
Points de vente
Utilisateurs
Appareils MCF
Permissions menus

Liste de Pro-Forma

Toutes les Pro-Forma

10 entries per page

Search...

Numero	Date	Client	Montant total	Paye	Reste	Statut	Utilisateur	Actions
PF-2026-00005	09/04/2026 08:57	SOCIETE SOCODAM	167 900,00 FC	167,90 FC	167 732,10 FC	Partielle	admin	
PF-2026-00004	09/04/2026 05:22	SOCIETE SOCODAM	167 900,00 FC	167,90 FC	167 732,10 FC	Partielle	admin	
PF-2026-00003	08/04/2026 23:16	SOCIETE SOCODAM	103 500,00 FC	103 500,00 FC	0,00 FC	Payee	exauce	
PF-2026-00002	08/04/2026 21:52	SOCIETE SOCODAM	6 577 370,95 FC	6 577 371,00 FC	-0,05 FC	Payee	exauce	
PF-2026-00001	08/04/2026 21:35	SOCIETE SOCODAM	167 900,00 FC	167 900,00 FC	0,00 FC	Payee	exauce	

Showing 1 to 5 of 5 entries

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Use in FacControl

In FacControl:

- the pro-forma follows a separate process;
- it does not go through fiscalization;
- it can be used as the basis for a future invoice;

👉 This makes it possible to prepare a sale without any fiscal commitment.

Creating a pro-forma

A pro-forma is created in the same way as a sale:

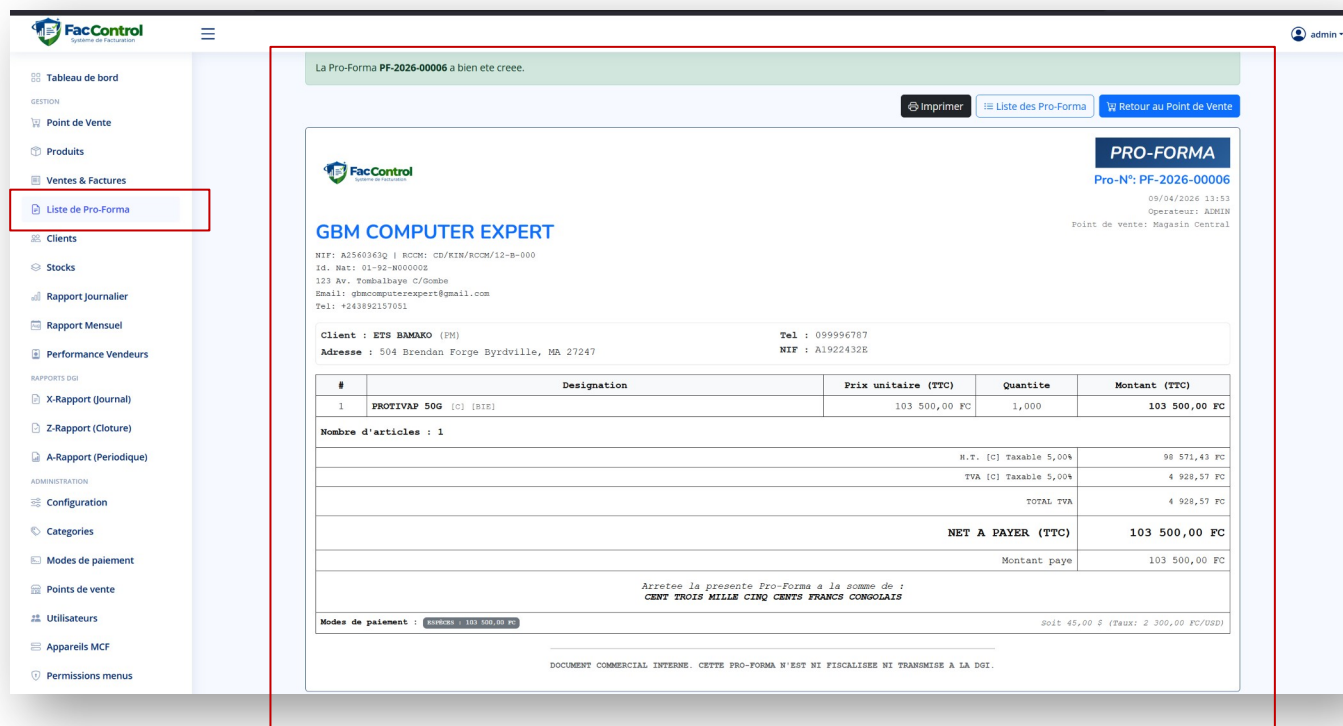
- adding products;
- managing the cart;



- selecting the customer;

👉 Instead of clicking **Validate & Invoice**, the user selects:

Validate as pro forma



La Pro-Forma PF-2026-00006 a bien été créée.

PRO-FORMA
Pro-N°: PF-2026-00006
09/04/2026 13:53
Opérateur: ADMIN
Point de vente: Magasin Central

GBM COMPUTER EXPERT
NIF: A2560363Q | RCCM: CD/KIN/RCCM/25-B-03978
Id. Nat: 01-J6100-N88445Q
123 Av. Tombalbaye C/Gombe
Email: gbmcoputereexpert@gmail.com
Tel: +243892157051

Client : ETS BAMAKO (PM) Tel : 099996787
Adresse : 504 Brendan Forge Byrdville, MA 27247 NIF : A1922432E

#	Designation	Prix unitaire (TTC)	Quantite	Montant (TTC)
1	PROTIVAP 50G [C] [RTE]	103 500,00 FC	1,000	103 500,00 FC

Nombre d'articles : 1

N.T. [C] Taxable 5,00%	98 571,43 FC
TVA [C] Taxable 5,00%	4 928,57 FC
TOTAL TVA	4 928,57 FC
NET A PAYER (TTC)	103 500,00 FC
Montant paye	103 500,00 FC

Arretee la presente Pro-Forma a la somme de :
CENT TROIS MILLE CINQ CENTS FRANCS CONGOLAIS

Modes de paiement : **BARCODE : 103 500,00 FC** Soit 45,00 \$ (Taux: 2 300,00 FC/USD)

DOCUMENT COMMERCIAL INTERNE. CETTE PRO-FORMA N'EST NI FISCALISEE NI TRANSMISE A LA DGI.

Benefits for the user

The pro-forma is used to:

- offer a quote to a customer;
- prepare a sale;
- negotiate before validation;

👉 It makes it possible to work without affecting fiscal accounting.

Important advice

✓ use the pro forma only for quotations ✓ do

not confuse it with an invoice

✓ convert it to an invoice only after actual validation

👉 This prevents fiscal errors.





PRO-FORMA

Pro-N°: PF-2026-00006

09/04/2026 13:53

Opérateur: ADMIN

Point de vente: Magasin Central

GBM COMPUTER EXPERT

NIF: A2560363Q | RCCM: CD/KIN/RCCM/12-B-000

Id. Nat: 01-92-N00000Z

123 Av. Tombalbaye C/Gombe

Email: gbmcomputerexpert@gmail.com

Tel: +243892157051

Client : ETS BAMAKO (PM)

Adresse : 504 Brendan Forge Byrdville, MA 27247

Tel : 099996787

NIF : A1922432E

#	Designation	Prix unitaire (TTC)	Quantite	Montant (TTC)
1	PROTIVAP 50G [C] [BIE]	103 500,00 FC	1,000	103 500,00 FC
Nombre d'articles : 1				
H.T. [C] Taxable 5,00%				98 571,43 FC
TVA [C] Taxable 5,00%				4 928,57 FC
TOTAL TVA				4 928,57 FC
NET A PAYER (TTC)				103 500,00 FC
Montant paye				103 500,00 FC
Arretee la presente Pro-Forma a la somme de : CENT TROIS MILLE CINQ CENTS FRANCS CONGOLAIS				
Modes de paiement : ESPÈCES : 103 500,00 FC Soit 45,00 \$ (Taux: 2 300,00 FC/USD)				

DOCUMENT COMMERCIAL INTERNE. CETTE PRO-FORMA N'EST NI FISCALISEE NI TRANSMISE A LA DGI.



6. REPORTS

6.1 Accessing the Reports Module

The **Reports** module allows users to view data from sales completed in FacControl.

It includes both:

- management reports (for the company);
- tax reports (required by the DGI);

a) Management Reports (For the Company)

1. Daily Report

The daily report is an internal management document that summarizes all the activity carried out during a day. It tracks the sales made, the amounts collected, the payment methods used and the operations performed by users. This report gives management immediate visibility on the company's daily performance, making it easier to take quick decisions and control operations.

FacControl Système de Facturation

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Rapport Mensuel
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Rapports DGI
X-Rapport (Journal)
Z-Rapport (Cloture)
A-Rapport (Periodique)
Administration

Rapport Journalier

Du : 05/03/2026 Au : 05/03/2026 Filtre

GBM Computer Expert Sarl
123 Av. Tomballaye C/Combe
RCCM: CD/KNG/RCCM/25-B-000 | Id. Nat: 01-92-N00002

RAPPORT SYNTHETIQUE
Magasin Central
Période du 01/01/2026 au 03/03/2026

NOM DU CLIENT	FOURNITURE PANNEAUX SOLAIRES			FRAIS D'INSCRIPTION SCOL			LATACER BOG			PROTIVAP 50G			VENTE DE MÉDICAMENTS			VENTE DE VOLAILLES VIVANTES			TOTAL VENTE
	qté	P.U.	Val.	qté	P.U.	Val.	qté	P.U.	Val.	qté	P.U.	Val.	qté	P.U.	Val.	qté	P.U.	Val.	
GLORIA BUSINESS SERVICES 03/05 00:01	-	-	-	3,000	115 000,00 FC	344 700,00 FC	2,000	64 400,00 FC	115 920,00 FC	3,000	103 500,00 FC	310 500,00 FC	-	-	-	-	-	-	771 120,00 FC
GLORIA BUSINESS SERVICES 03/05 00:14	-	-	-	3,000	115 000,00 FC	344 700,00 FC	2,000	64 400,00 FC	115 920,00 FC	3,000	103 500,00 FC	310 500,00 FC	-	-	-	-	-	-	805 192,00 FC
SOCIETE AGIL SARL 03/05 00:19	-	-	-	-	-	-	2,000	64 400,00 FC	128 800,00 FC	3,000	103 500,00 FC	310 500,00 FC	-	-	-	-	-	-	439 300,00 FC
SOCIETE AGIL SARL 03/05 00:23	-	-	-	-	-	-	2,000	64 400,00 FC	128 800,00 FC	3,000	103 500,00 FC	310 500,00 FC	-	-	-	-	-	-	475 431,00 FC
ETS BAMARO 03/05 00:29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	46 000,00 FC	46 000,00 FC	46 000,00 FC
ETS BAMARO 03/05 00:29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	46 000,00 FC	46 000,00 FC	46 460,00 FC
STRONG INV 03/05 00:32	1,000	23 000,00 FC	23 000,00 FC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23 000,00 FC
STRONG INV 03/05 00:38	1,000	23 000,00 FC	23 000,00 FC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23 230,00 FC
SOCIETE SOCODAM 03/05 00:42	-	-	-	-	-	-	-	-	-	-	-	-	1,000	115 000,00 FC	115 000,00 FC	-	-	-	115 000,00 FC
ETS BAMARO 03/05 00:43	-	-	-	-	-	-	-	-	-	-	-	-	1,000	115 000,00 FC	115 000,00 FC	-	-	-	115 000,00 FC
TOTAL PERIODIQUE	2,000	-	46 000,00 FC	6,000	-	689 400,00 FC	8,000	-	489 440,00 FC	12,000	-	1 242 000,00 FC	2,000	-	230 000,00 FC	2,000	-	92 000,00 FC	2 859 735,20 FC

Chiffre d'Affaires	2 859 735,20 FC
Total EncasUD	2 859 735,20 FC
C.A.Éch. Client	0,00 FC



2. Monthly report

The monthly report is a summary document that presents the company's overall performance over one month. It brings together key indicators such as revenue, taxes collected, sales volumes and the breakdown by product, service or point of sale. This report makes it possible to analyze trends, assess profitability and guide strategic decisions: while the daily report gives an immediate view, the monthly report provides a global, in-depth analysis of the activity.

FacControl Système de Facturation

Tableau de bord

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 - Produits
 - Ventes & Factures
 - Liste de Pro-Forma
 - Clients
 - Stocks
 - Rapport Journalier**
 - Rapport Mensuel**
 - Performance Vendeurs
- Rapports DGI
- Administration

Rapport Mensuel

Avril 2026 **Afficher**

RAPPORT MENSUEL DES VENTES
4/2026

Chiffre d'Affaires Mensuel
3 217 564 372,90 FC

Date	Nombre de Ventes	Montant Total (FC)	Progression
Jeudi 02 Avril 2026	6	648 600,00 FC	
Vendredi 03 Avril 2026	6	188 924,00 FC	
Lundi 06 Avril 2026	3	144 900,00 FC	
Mardi 07 Avril 2026	25	2 627 750,00 FC	
Mercredi 08 Avril 2026	32	6 183 112,20 FC	
Jeudi 09 Avril 2026	10	3 176 927 900,00 FC	
Samedi 11 Avril 2026	7	658 858,00 FC	
Dimanche 12 Avril 2026	8	8 896 174,70 FC	
Samedi 18 Avril 2026	41	13 827 554,00 FC	
Lundi 20 Avril 2026	11	1 225 900,00 FC	
Mardi 21 Avril 2026	3	193 200,00 FC	
Vendredi 24 Avril 2026	3	385 800,00 FC	
Samedi 25 Avril 2026	1	64 400,00 FC	
Mercredi 29 Avril 2026	2	5 641 900,00 FC	
TOTAL GENERAL		3 217 564 372,90 FC	



b) Fiscal Reports (Required by the DGI)

1. X-REPORT

The X-Report is an interim tax report that shows, at any time of the day, the status of the operations recorded in the invoicing system. It details the sales made, the tax amounts (notably VAT) and the amounts collected, without closing the tax day.

It is useful for real-time control of activity: it lets the company check how revenue is evolving, detect possible anomalies and closely monitor operations, while the Z report is run at the end of the day for the final, irreversible closing of the tax data.

GBM COMPUTER EXPERT SARL

NIF: A2560363Q | RCCM: CD/KIN/RCCM/12-B-000
123 Av. Tombalbaye C/Gombe

X-RAPPORT

Généré le 03/05/2026 00:57:05

Période : 03/05/2026 - 03/05/2026

Point de vente : Magasin Central
Canal principal configuré : MCF physique
Fallback fiscal : Demander confirmation
Rapport consultatif local

SYNTHESE GLOBALE

Ventes fiscales valides :	10 Total TTC :	2 859 735,20 FC
Base HT commerciale :	2 724 830,92 FC Total encaissé :	2 859 735,20 FC
Taxes spécifiques :	0,00 FC Reste à encaisser :	0,00 FC
Total HT fiscal :	2 724 830,92 FC Equivalent USD :	1 243,36 \$ (2 300,00 FC/USD)
Total TVA :	134 904,28 FC	

DÉTAIL FISCAL PAR GROUPE DE TAXE

GROUPE	TAUX	BASE HT	TAXE SPÉC.	HT FISCAL	TVA	TTC
B	16,00%	455 685,52 FC	0,00 FC	455 685,52 FC	72 909,68 FC	528 595,20 FC
C	5,00%	1 212 428,57 FC	0,00 FC	1 212 428,57 FC	60 621,43 FC	1 273 050,00 FC
A	0,00%	919 400,00 FC	0,00 FC	919 400,00 FC	0,00 FC	919 400,00 FC
O	1,00%	91 544,55 FC	0,00 FC	91 544,55 FC	915,45 FC	92 460,00 FC
P	1,00%	45 772,28 FC	0,00 FC	45 772,28 FC	457,72 FC	46 230,00 FC

MODES DE PAIEMENT

Espèces :	2 338 302,20 FC
VIREMENT :	521 433,00 FC

DOCUMENTS PARTICULIERS

Ventes annulées :	0 (0,00 FC)
Factures d'avoir :	0 (0,00 FC)
Ventes incomplètes / non fiscalisées :	0 (0,00 FC)

VENTILATION PAR CANAL FISCAL

CANAL	VENTES	ANNULÉES	AVOIRS	INCOMPLÈTES	MONTANT TTC
MCF physique	10	0	0	0	2 859 735,20 FC

-- FIN DU RAPPORT --



2. Z-REPORT

The Z-Report is a daily closing tax report that permanently summarizes all the operations carried out during a day. It shows total sales, tax amounts (notably VAT) and amounts collected by payment method.

This report has significant tax value, because it marks the official and irreversible closing of the day in the invoicing system. Once generated, the data can no longer be changed, which guarantees its integrity and traceability. While the X-Report provides temporary monitoring during the day, the Z-Report is mandatory tax evidence required by the DGI for the control and compliance of operations.

GBM COMPUTER EXPERT SARL

NIF: A2560363Q | RCCM: CD/KIN/RCCM/12-B-000
123 Av. Tombalbaye C/Gombe

Z-RAPPORT (CLÔTURE)

Généré le 03/05/2026 00:54:11

Période : 03/05/2026 - 03/05/2026

Point de vente : Magasin Central

Canal principal configuré : MCF physique

Fallback fiscal : Demander confirmation

Rapport consultatif local

SYNTHESE GLOBALE

Ventes fiscales valides :	10 Total TTC :	2 859 735,20 FC
Base HT commerciale :	2 724 830,92 FC Total encaissé :	2 859 735,20 FC
Taxes spécifiques :	0,00 FC Reste à encaisser :	0,00 FC
Total HT fiscal :	2 724 830,92 FC Equivalent USD :	1 243,36 \$ (2 300,00 FC/USD)
Total TVA :	134 904,28 FC	

DÉTAIL FISCAL PAR GROUPE DE TAXE

GROUPE	TAUX	BASE HT	TAXE SPÉC.	HT FISCAL	TVA	TTC
B	16,00%	455 685,52 FC	0,00 FC	455 685,52 FC	72 909,68 FC	528 595,20 FC
C	5,00%	1 212 428,57 FC	0,00 FC	1 212 428,57 FC	60 621,43 FC	1 273 050,00 FC
A	0,00%	919 400,00 FC	0,00 FC	919 400,00 FC	0,00 FC	919 400,00 FC
O	1,00%	91 544,55 FC	0,00 FC	91 544,55 FC	915,45 FC	92 460,00 FC
P	1,00%	45 772,28 FC	0,00 FC	45 772,28 FC	457,72 FC	46 230,00 FC

MODES DE PAIEMENT

Espèces :	2 338 302,20 FC
VIREMENT :	521 433,00 FC

DOCUMENTS PARTICULIERS

Ventes annulées :	0 (0,00 FC)
Factures d'avoir :	0 (0,00 FC)
Ventes incomplètes / non fiscalisées :	0 (0,00 FC)

VENTILATION PAR CANAL FISCAL

CANAL	VENTES	ANNULÉES	AVOIRS	INCOMPLÈTES	MONTANT TTC
MCF physique	10	0	0	0	2 859 735,20 FC

— FIN DU RAPPORT —



3. A-REPORT

The A-Report is a global tax report that presents a cumulative summary of the operations recorded in the invoicing system over a given period. It brings together all the tax data, including total sales, tax amounts (VAT and others) and information on the invoices issued since commissioning or over a specific period.

It is useful for the overall view it gives the administration and the company for monitoring tax activity as a whole. While the Z-Report closes operations daily, the A-Report makes it possible to analyze cumulative performance and facilitates tax audits over a longer period.

GBM COMPUTER EXPERT SARL

NIF: A2560363Q

A-RAPPORT (RESUME PERIODIQUE)

Période : 03/05/2026 - 03/05/2026

Point de vente : Magasin Central

Rapport consultatif local

DOCUMENTS FISCAUX

10

QUANTITE VENDUE

32,000

TVA TOTALE

134 904,28 FC

TOTAL TTC

2 859 735,20 FC

Code	Désignation	Groupe	Taxe %	Docs	Qté vendue	Base HT	Taxe spéc.	TVA	Total TTC
FPS	Fourniture panneaux solaires	P	1,00%	2	2,000	45 772,28 FC	0,00 FC	457,72 FC	46 230,00 FC
SKU-88019	Frais d'inscription scol	A	0,00%	2	6,000	689 400,00 FC	0,00 FC	0,00 FC	689 400,00 FC
SKU-4393	Latacer 80g	B	16,00%	4	8,000	455 685,52 FC	0,00 FC	72 909,68 FC	528 595,20 FC
SKU-8841	Protivap 50g	C	5,00%	4	12,000	1 212 428,57 FC	0,00 FC	60 621,43 FC	1 273 050,00 FC
HORS CHAMP	Vente de médicaments	A	0,00%	2	2,000	230 000,00 FC	0,00 FC	0,00 FC	230 000,00 FC
VVV	Vente de volailles vivantes	O	1,00%	2	2,000	91 544,55 FC	0,00 FC	915,45 FC	92 460,00 FC
TOTALS PERIODE					32,000	2 724 830,92 FC	0,00 FC	134 904,28 FC	2 859 735,20 FC

Base HT commerciale

2 724 830,92 FC

Taxes spécifiques

0,00 FC

Total HT fiscal

2 724 830,92 FC

Total TVA

134 904,28 FC

Total TTC

2 859 735,20 FC

Canal principal configuré : MCF physique

Fallback fiscal : Demander confirmation

Taux indicatif : 2 300,00 FC/USD

Equivalent USD du total TTC : 1 243,36 \$

Généré le 03/05/2026 00:46

Purpose of this module

Allow the user to:

- monitor sales activity;
- analyze performance;
- view the mandatory fiscal reports;

👉 This module is essential for monitoring and control.

Accessing the module

From the main menu, the user opens the section:



DGI reports

👉 The system displays the different types of reports available.

Report types in FacControl

FacControl offers several types of reports, including:

1. X-Report (interim daily report)

The X-Report allows users to view completed sales without closing the business day.

👉 It is used to:

- check ongoing sales;
- monitor activity in real time;

2. Z-Report (closing report)

The Z-Report closes the day's operations.

👉 It makes it possible to:

- validate the day's sales;
- produce an official summary of transactions;

👉 Once completed, it marks the end of the fiscal day.

3. A-Report (detailed report)

The A-Report provides detailed sales information.

👉 It makes it possible to:

- analyze sales by product;
- view transaction details;

Benefits for the user

These reports make it possible to:

- control sales;
- monitor performance;
- check amounts;
- prepare for audits;

👉 They are useful for daily management.

Link with the DGI

The reports (X, Z, and A) are part of the fiscal requirements.

They make it possible to:

- justify operations;
- track transactions;
- respond to audits;

👉 They must be used correctly.

Practical tip



✓ review reports regularly ✓

check the amounts ✓ run

the Z-Report at the end of the day

👉 This ensures sound management.

10. CONFIGURATION

10.1 Accessing the Configuration module

The **Configuration module** is used to define the general and fiscal settings of the FacControl system.

These settings directly affect:

- how the application works;
- calculations;
- fiscalization;

👉 Incorrect configuration can prevent the system from working properly.

Purpose of this module

Allow the administrator to:

- configure the company information;
- define the tax settings;
- adjust the operating options;

👉 This module is reserved for authorized users (Administrator).

Accessing the module

From the main menu, the user clicks:

Configuration

👉 The system displays the available settings.

Main settings

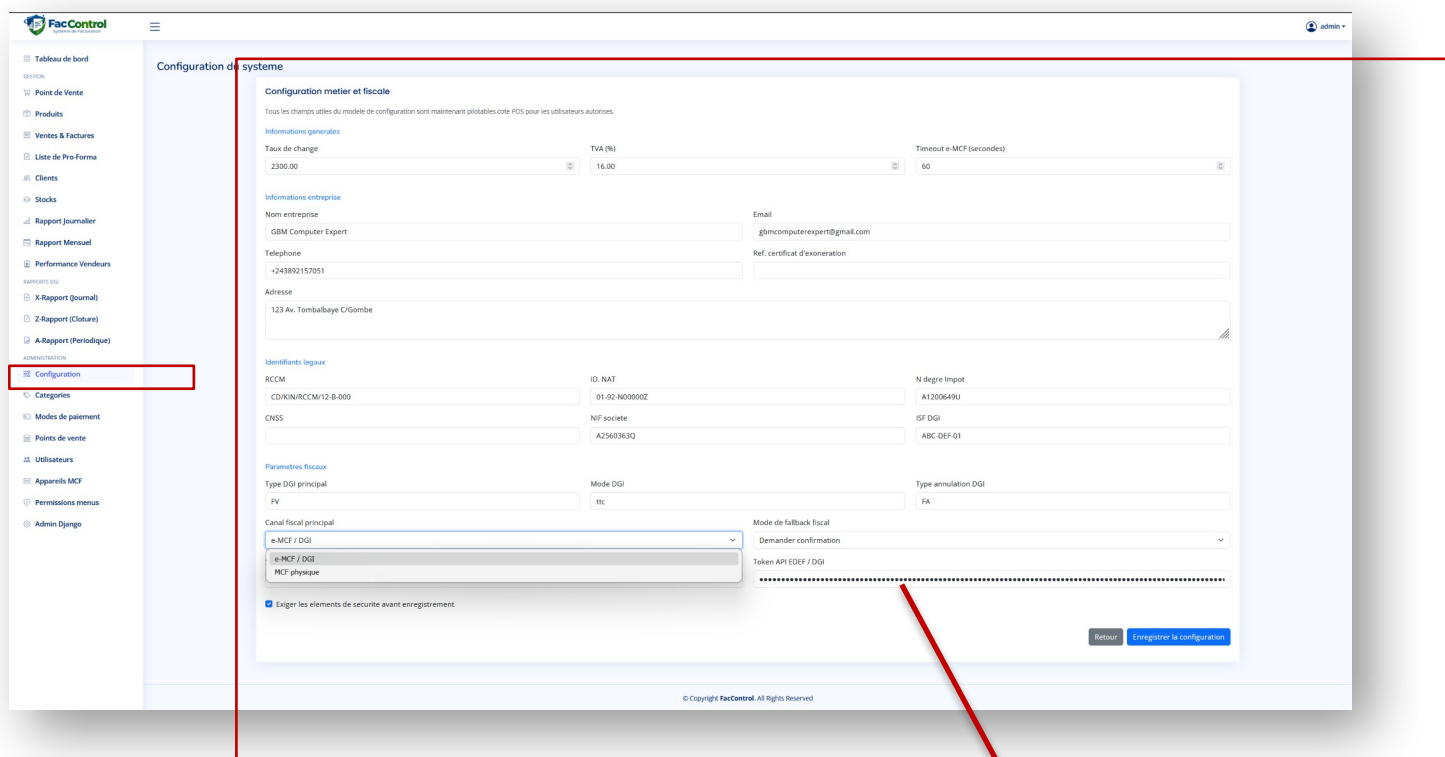
The Configuration module lets you define several important elements:

1. Company information

- company name;
- address;
- phone;
- email ;
- tax identifiers (NIF, RCCM, etc.);

👉 This information appears on invoices.





Configuration de système

Tous les champs utiles du modèle de configuration sont maintenant pilotables côté POS pour les utilisateurs autorisés.

Informations générales

Taux de change: 2300.00 TVA (%): 16.00 Timeout e-MCF (secondes): 60

Informations entreprise

Nom entreprise: GBM Computer Expert Email: gbmmcomputerexpert@gmail.com
 Téléphone: +243892157051 Ref. certificat d'exonération:
 Adresse: 123 Av. Tombabay G/Combe

Identifiants légaux

RCCM: CD/KNG/RCCM/25-B-03978 ID. NAT: 01-J6100-N88445Q N degré Impot: A1200649U
 CNSS: A2560363Q NIF société: ABC-DEF-01

Paramètres fiscaux

Type DGI principal: PV Mode DGI: itc Type annulation DGI: FA

Paramètres techniques

Canal fiscal principal: e-MCF / DGI
 Mode de fallback fiscal: Demander confirmation
 Token API EDEF / DGI: *****

☒ Exiger les éléments de sécurité avant enregistrement

[Retour](#) [Enregistrer la configuration](#)

2. Tax settings

- VAT rate;
- calculation type (excl. or incl. VAT);
- DGI settings;

👉 These settings affect amount calculations.

3. Exchange rate

- definition of the conversion rate;

👉 Allows amounts to be displayed in multiple currencies.

4. Tax channel configuration

FacControl lets you choose:

- the main fiscal channel (**e-MCF or MCF**);
- the backup mode (fallback);

👉 This determines how fiscalization is performed.

5. Technical settings

- options related to how the system works;
- activation of certain rules (e.g. blocking when fiscalization is unavailable);

👉 These settings ensure security and compliance.

Paste the DGI token here

Benefits for the user



FacControl
Système de Facturation

This module makes it possible to:

- adapt the system to the company;
- ensure tax compliance;
- control overall operation;

Link with fiscalization

The settings defined here are used to:

- generate invoices;
- communicate with the DGI;
- apply the tax rules;

👉 Incorrect configuration can prevent invoices from being validated.

Access rights

- reserved for Administrators;
- not accessible to salespersons (unless specifically permitted);

👉 This protects sensitive settings.

Practical tip

✓ check the settings before use ✓ do not make changes without the necessary knowledge

✓ secure access to the module

👉 Every change affects the entire system.

7. MCF DEVICES – Managing MCF Devices:

This module provides complete management of the MCF devices (Fiscal Control Modules) connected to the invoicing system. It lets you register, configure and supervise each device (connection port, identifier, status, device type), while ensuring correct communication with the Directorate General of Taxes.

It also lets you monitor the connection status, keep a history of operations, check synchronizations and ensure the compliance of the tax data transmitted. While the system handles daily sales, this module ensures that every transaction is properly secured and validated by a recognized fiscal device, in accordance with the regulations in force.



7.1 List of MCF Devices Connected to the SFE

Appareils MCF

Gestion des appareils MCF

+ Nouvel appareil MCF

10 entries per page

Search...

Nom	Port	NIF societe	ISF	Statut	Default	Actions
MCF_ELTRADE_DGI	COM8	A2560363Q	ED02001705-1	ACTIF	Oui	
MCF Principal	COM8	-	GBM-GCE-01	ACTIF	Non	

Showing 1 to 2 of 2 entries

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7.2 MCF Synchronization Status

Tableau de bord

Gestion

Rapports DGI

Administration

Configuration

Groupes de taxation

Types de client

Types d'article

Catégories

Modes de paiement

Points de vente

Utilisateurs

Appareils MCF

Permissions menus

Admin Django

Statut Synchronisation MCF

Synchroniser MCF via DGI

Statut Synchronisation MCF

Statut Synchronisation MCF

Déconnecté

Connexion du boîtier MCF à l'ordinateur et état DGI

Le MCF n'est pas branché dans l'ordinateur.

Dernière connexion DGI

Non disponible

Nombre de jours depuis la dernière connexion

Non disponible

Statut MCF

Deconnecte

Statut DGI renvoyé par le MCF

Non disponible

Appareil MCF

MCF_ELTRADE_DGI - COM8

Dernière connexion réussie

Non disponible

Dernière vérification locale

03/05/2026 04:02:08

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Tableau de bord

Gestion

Rapports DGI

Administration

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Groupes de taxation

Types de client

Types d'article

Catégories

Modes de paiement

Points de vente

Utilisateurs

Appareils MCF

Permissions menus

Admin Django

Statut Synchronisation MCF

Synchroniser MCF via DGI

Statut Synchronisation MCF

Statut Synchronisation MCF

Connecté

Connexion du boîtier MCF à l'ordinateur et état DGI

Dernière connexion DGI
03/05/2026 03:59:26

Nombre de jours depuis la dernière connexion
0 jour(s)

Statut MCF
Connecte

Statut DGI renvoyé par le MCF
Deconnecte (DIS)

Appareil MCF
MCF_ELTRADE_DGI - COM8

Dernière connexion réussie
03/05/2026 03:59:26

Dernière vérification locale
03/05/2026 04:05:01

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7.3 MCF Synchronization via the DGI

Tableau de bord

Gestion

Rapports DGI

Administration

Configuration

Groupes de taxation

Types de client

Types d'article

Catégories

Modes de paiement

Points de vente

Utilisateurs

Appareils MCF

Permissions menus

Admin Django

Statut Synchronisation MCF

Synchroniser MCF via DGI

Statut Synchronisation MCF

Statut Synchronisation MCF

Connecté

Connexion du boîtier MCF à l'ordinateur et état DGI

Dernière connexion DGI
03/05/2026 03:59:26

Statut MCF
Connecte

Appareil MCF
MCF_ELTRADE_DGI - COM8

Dernière vérification locale
03/05/2026 04:07:19



Succès

Synchronisation DGI du MCF relancée. Dernière connexion DGI le 03/05/2026 03:59:26 (0 jour(s)), statut Deconnecte.

OK

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8. SECURITY AND COMPLIANCE

8.1 System Security

FacControl includes several security mechanisms to protect:

- company data;
- customer information;
- invoicing operations;

Security is essential to guarantee reliable and compliant operation.

Purpose of this module

Allow:

- protection of access to the system;
- traceability of operations;
- security of tax data;

This guarantees controlled and secure use of the application.

User authentication

Access to FacControl is through:

- an email address;
- a password;

Each user has a personal account.

This makes it possible to identify every action performed in the system.

Role and permission management

FacControl uses a role system:

- Administrator
- Salesperson

Each role has specific permissions.

The system checks:

- access to menus;
- access to pages;
- authorized actions;

Even with direct access to a page, permissions are checked.

Data protection

The system protects data:

- against unauthorized access;
- against unauthorized changes;

Sensitive information is secured.



Traceability of operations

FacControl records important actions:

- sales;
- invoices;
- changes;

This makes it possible to determine:

- who did what;
- and when;

11.2 Tax compliance (DGI)

FacControl is designed to meet the invoicing requirements of the Directorate General of Taxes.

Main rules followed**1. Standardized invoicing**

- generation of compliant invoices;
- compliance with the required formats;

2. Mandatory fiscalization

- every invoice is sent to the tax system;
- no invoice is validated without fiscalization;

3. Security elements

Each invoice contains:

- UID ;
- DEF code;
- QR Code ;
- other tax elements;

These elements guarantee the validity of the invoice.

4. Blocking on error

The system prevents:

- validation of an incorrect invoice;
- the creation of an invoice without fiscal elements;

This protects against non-compliance.

5. Separation of flows

FacControl distinguishes:

- tax invoices;
- pro forma documents (non-fiscal);

This avoids any confusion.

Importance for the company

Compliance makes it possible to:

- avoid penalties;
- meet tax obligations;
- guarantee the reliability of operations;

Good practices for the user

✓ use your own account ✓

do not share your credentials

✓ check the information before validation

✓ follow the procedures

This guarantees security and compliance

