



# Netopia

SOLUTIONS



**INFORMATION SYSTEMS  
INTEGRATOR**

[www.netopia.ma](http://www.netopia.ma)





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**Netopia Solutions** is a software company specialized in the integration of information systems and the new technologies of information.

Historical partner of **Microsoft** since 2004, **Netopia Solutions** have built its expertise and competencies mainly over the technologies of the major company for the majority of the solutions conceived for our clients in various sectors.

Thanks to a fully committed team of co-workers, highly qualified and trained to the latest technologies of **Microsoft**, **Netopia Solutions** delivers to its clients a customized service and an array of solutions combined in a same package designed for the needs of different clients.

Our company has shown, over time and several key major government-related projects, its ability to deliver state-of the art solutions, practical and fully efficient.

**Netopia Solutions** analyses already existing information systems and the ones to set, evaluate their match with the client needs and transform this analyses into operational tools ready to be displayed.





### “Integrator of efficient and sustainable solutions for your activities”

#### Our offer :

- Expertise on our client's needs
- Successful methodology in our fields of expertise
- Pedagogical skills
- Highly qualified technical expertise
- Complementarity of Participants

With over a decade of experience and positive growth, **Netopia Solutions** is a recognized integrator of software solutions. We are experts in the dematerialization of administration procedures and into the modernisation of information systems, whether for public institutions or private ones.

#### The key factor of success of our company :

- Multi-skills teams, highly qualified and fully aware of the best practices of management and technology services
- The engagement capacity on a project, meeting the perimeter, budget and deadlines.
- The election of the adequate delivery model for the project: on-site intervention, proximity services centres.
- Added value services: delivery of on-demand systems for development, tests or, management of change, and project management assistance

Our approach when undertaking a project includes the functional coverage as well as the technological one, offering an optimal final result.

# OUR STOCK CAPITAL

## WHO WE ARE

Created in 2004, **Netopia Solutions** is a limited liability company (LLC) with a capital of 3,0M MAD.

## LOCATIONS IN MOROCCO

### CASABLANCA

8, Jawhrat Al Jarrah, Apt6  
Rue Abou Omar Alalaa,  
Belvédère.



### RABAT

79 Avenue Ibn Sina  
Bureau 11, Agdal.

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Tel. : (+212) 5 37 67 17 18  
Fax : (+212) 5 37 67 17 18  
[Contact@netopia-solutions.com](mailto:Contact@netopia-solutions.com)

## OUR ASSETS



**Netopia Solutions** operates in various sectors requiring dedicated expertise and a permanent flexibility.

While using our competencies and technologies, we support our client's performance offering them innovative solutions.

Our experts operate in various sectors: E-government, Administrations and offices, Telecoms, Banks and Insurance companies...



# OUR HUMAN CAPITAL

Our team is composed of :

- Innovation and Performance consultants
- Highly qualified engineers
- Operational analysts
- Systems integration experts
- Project Managers

We operate to design for you the suitable solution for your need and propose a full monitoring on your demand.

## Our Organization :

### EXECUTIVE MANAGEMENT



#### MARKETING DEPARTMENT

Total workforce : **5**  
Average years of experience :  
**12 years.**



#### TECHNICAL DEPARTMENT

Total workforce : **45**  
Average years of experience :  
**10 years.**



#### ADMINISTRATIVE DEPARTMENT

Total workforce : **5**



#### QUALITY DEPARTMENT

Total workforce : **5**  
Average years of experience : **8 years.**

# OUR TECHNOLOGICAL EXPERTISE

**Netopia Solutions** has a large experience in the technologies and software integration what enables us to conceive, display and operate on concrete and robust solutions. Our specialists operate on setting new solutions while maintaining the perfect integration of existing infrastructures.

Our approach is consistent, progressive and suitable with the evolution of your objectives.



## Applications development

- > .Net Framework
- > Windows Communication Foundation
- > Team Foundation Server
- > Web Services



## Collaboration & Content

- > Microsoft Azure
- > Office 365
- > Sharepoint Server
- > GED



## Mobile Platform Xamarin

- > Microsoft Windows Mobile
- > Apple iOS
- > Google Android



## Cloud & Infrastructure

- > Microsoft Azure
- > Virtualisation
- > Routing
- > Firewalling
- > Supervision
- > Security



## Architecture, Study and Consulting

- > CMMI, MSF, Agile
- > Architecture oriented services : SOA
- > Architecture N-tiers
- > Architecture client server



## Business processes & Integration

- > Biztalk Server (ESB)
- > Dynamic CRM
- > MS Enterprise Project Management
- > Business Intelligence (BI)
- > SQL Reporting Service
- > PowerPivot, Datazen...



# CIVIS SUITE

The range of solutions **CIVIS Suite** is composed of several products and business solutions covering the needs of the E-Government sector and promoting citizen-oriented services.

**CIVIS Suite** represents one of the main components of our immaterial capital. It encompasses :

- Expertise
- Efficiency
- Solidness
- Performance

The CIVIS Suite range includes :



**Netopia solutions** has acquired an Azure environment from Microsoft including all the ranges of solutions and pre-requisites including the technological development foundation to simplify usage of the different environments: production environment, development environment, environment dedicated to clients.

- Production environment
- Development environment
- Environment dedicates to Customers

**Netopia solutions** aims through this platform at accelerate the display and exploitation of our core asset solution that is **CIVIS EGOV Suite**.

Usage of our suite is now fast and simple through Iaas or Paas hosted under **Microsoft Cloud Azure**.





## MANAGEMENT AND CUSTOMIZATION SOLUTION FOR BIOMETRIC PASSPORTS

**Netopia Solutions** offers to governments an entirely secure system, innovative and efficient to manage the computerized process of request and delivery of biometric passports to citizens. As international travel has grown exponentially these last 20 years, this trend has raised the demand for practical travel documents.

Our solution meets the international requirements for security for a simple yet efficient identity checking, and on the other hand, making the request process more fluent while reducing the delays for documents delivery.

Biometric passports include a chip including the biometric data of the passport holder. This data is built from our information system, which makes them tamper-proof.

### Regarding the biometric passport

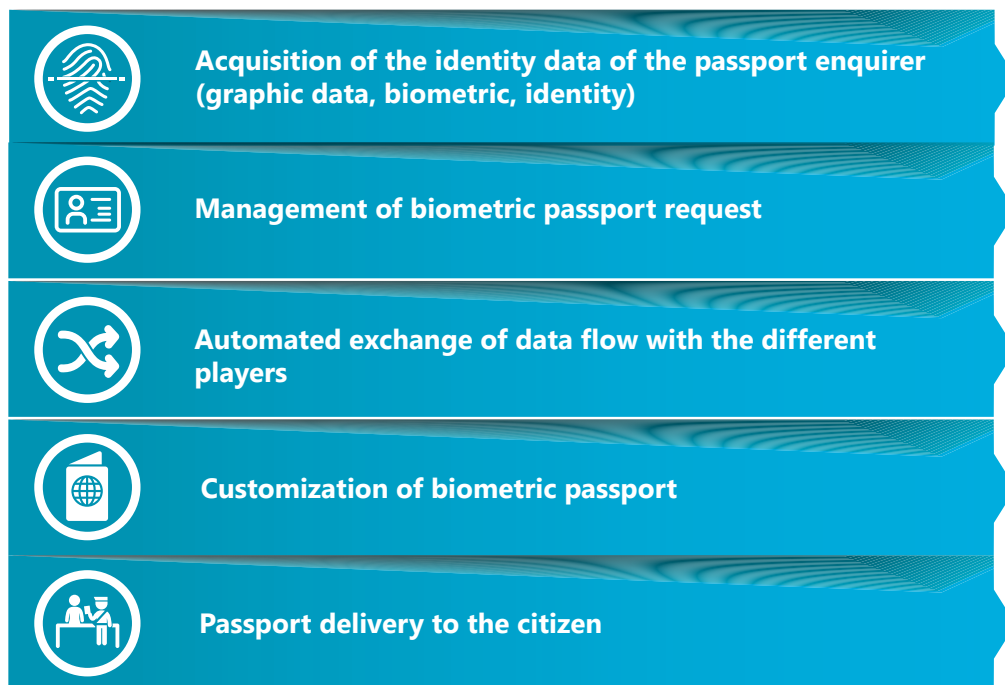
- Embarked microprocessor, numerical photo, passport number, first name, last name, citizenship and date of birth.
- Public key infrastructure (PKI) dedicated for the unique signature, by country, of electronic passport data in the framework of basis access control (BAC).
- Highly secured production and customization.

# MANAGEMENT AND CUSTOMIZATION SOLUTION FOR BIOMETRIC PASSPORTS

## Range of functions covered by the solution :

- Identity data acquisition, photo and fingerprint
- Customization of biometric passport
- Delivery process management to the citizen
- Central configuration of the solution
- Live monitoring of the delivery process (online)

## Processus de délivrance du passeport biométrique :



# MANAGEMENT AND CUSTOMIZATION SOLUTION FOR BIOMETRIC PASSPORTS



The screenshot shows a mobile application interface with a light blue background. At the top, there is a header bar. Below it, the main form is titled **Informations relative à la saisie de la demande**. The form is divided into several sections:

- Données de la CINE**: A tabbed interface with four tabs: **Données de la CINE**, **Données Etat Civil**, **Données de Naturalisation**, and **Données Supplémentaires**. The **Données de la CINE** tab is selected.
- Type de la demande**: A dropdown menu with the selected value **premier Etablissement**.
- Source de données**: A section with the text 'Choisissez la source de donnée' and three radio buttons: **Saisie manuelle** (selected), **Douchette**, and **Scanner**.
- Informations d'identité du demandeur**: A section with various input fields and dropdown menus:
  - N° CINE\***: A text input field.
  - Nom\***: A text input field.
  - Prénom\***: A text input field.
  - Dte de naissance\***: A section with three input fields: **Jours:**, **Mois:**, and **Année:**.
  - Pays de naissance**: A text input field and a dropdown menu with the selected value **--INDETERMINE**.
  - Commune de naissance\***: A text input field and a dropdown menu with the selected value **-----**.
  - Lieu de naissance**: A text input field.
  - Nationalité**: A text input field and a dropdown menu with the selected value **--INDETERMINE**.
  - Sex\***: A section with two radio buttons: **Masculin** (selected) and **Féminin**.

At the bottom of the screen, there is a navigation bar with a back arrow, a home circle, and a forward square.



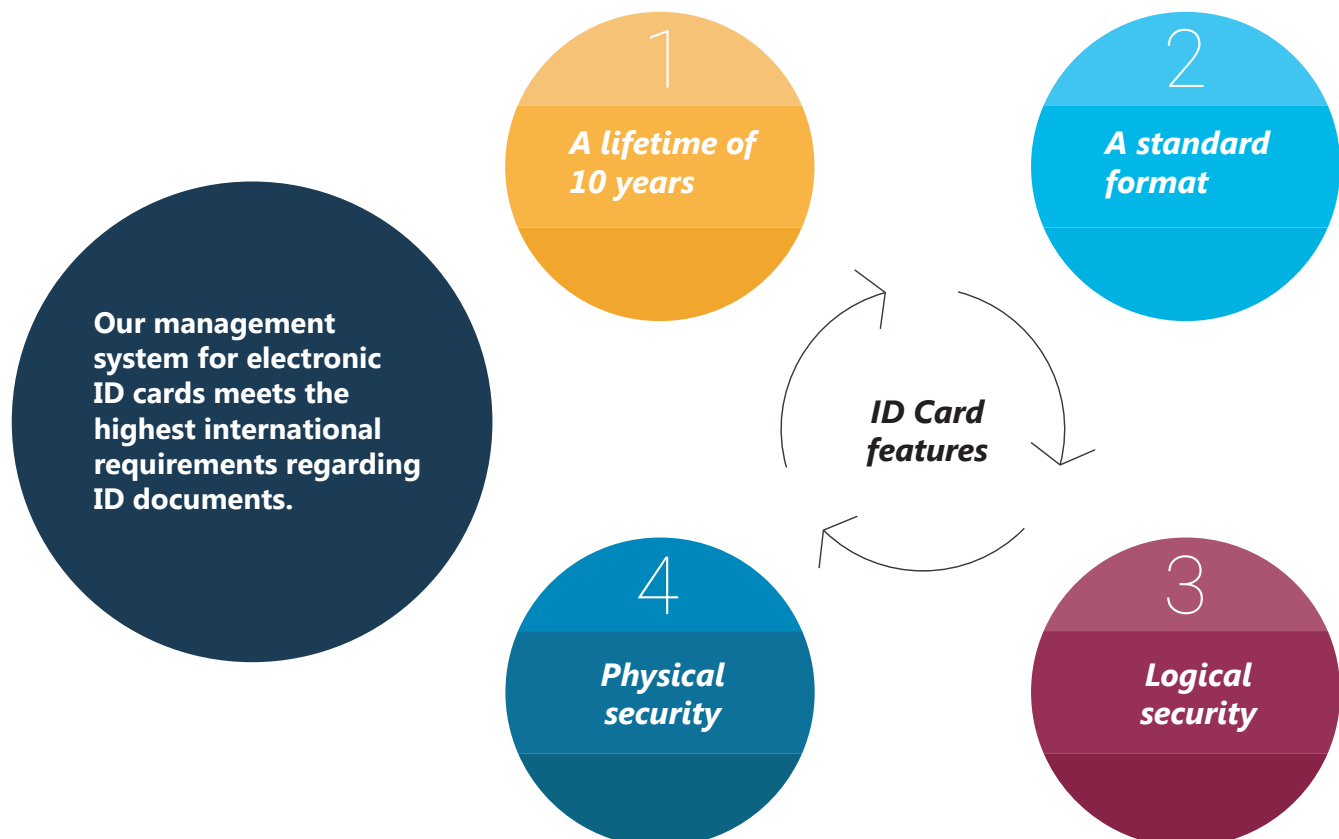


## MANAGEMENT AND CUSTOMIZATION FOR ELECTRONIC IDENTITY CARDS

**Netopia Solutions** delivers to governments and public administrations turnkey solutions for the management of electronic ID cards.

This solution allows to :

- Manage the life cycle and the delivery process of ID cards
- Maintain it during the operational phase
- Manage their end-of-life cycle

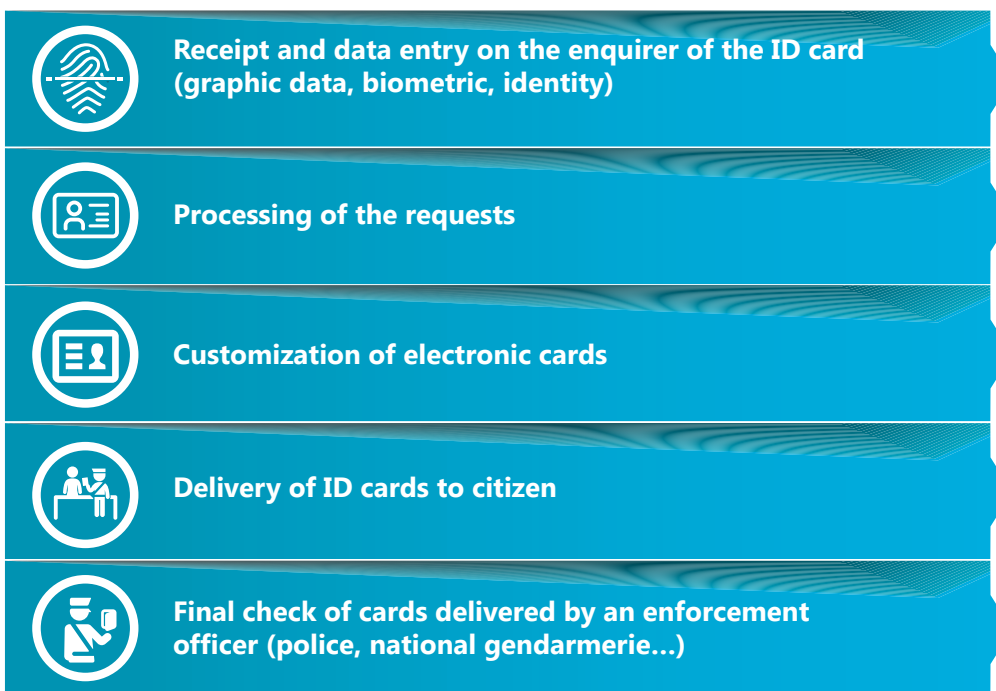


# MANAGEMENT AND CUSTOMIZATION FOR ELECTRONIC IDENTITY CARDS

## Range of functions covered by the solution :

- Identity data acquisition, photo and fingerprint
- Central back office management
- Writing and reading of RFID cards
- Cards delivery and 1 to 1 confrontation
- Monitoring of the requests (online)

## Delivery process :



# MANAGEMENT AND CUSTOMIZATION FOR ELECTRONIC IDENTITY CARDS

The screenshot shows the 'Traitement Photo' step (Step 2) of a 5-step process. The steps are: 1. Données identitaire, 2. Traitement Photo, 3. Pièces jointes, 4. Traitement Empreintes, 5. Libération Demande. The 'Informations relative à la Demande' section shows 'Type de la demande: premier Etablissement', 'N° CINE' (empty), and 'Nom et Prénom' (empty). The 'Photo du demandeur' section displays a placeholder image. The 'Capture & Numérique de la photo' section has radio buttons for 'Appareil photo' (selected) and 'Scannée', and a 'Capture ta photo' button. The 'Enregistrement de la photo' section has a green 'Valider' button. The 'Annulation de la demande' section has a red 'Annuler' button. Navigation arrows are at the bottom.

1 Données identitaire 2 Traitement Photo 3 Pièces jointes 4 Traitement Empreintes 5 Libération Demande

**Informations relative à la Demande**  
Type de la demande: premier Etablissement N° CINE Nom et Prénom

**Photo du demandeur**

**Capture & Numérique de la photo**  
Choisir la Source de donnée ☒ Appareil photo ☐ Scannée  
Capture ta photo

**Enregistrement de la photo**  
Valider

**Annulation de la demande**  
Annuler

The screenshot shows the 'Traitement Empreintes' step (Step 4) of the 5-step process. The 'Informations relative à la Demande' section is the same as the previous step. The 'Photo du demandeur' section has radio buttons for 'Oui' (selected) and 'Non' under 'Absences des empreintes', and radio buttons for 'Live Scan' (selected) and 'Scanner' under 'Choisir la Source de donnée'. A 'Numériser' button is present. The 'Etat de la capture des empreintes' section shows two hand icons with fingerprint patterns. The 'Statut de la capture des empreintes' section shows 'Traitement des empreintes réussi' in green. The 'Capture & Numérique de la photo' section has radio buttons for 'Appareil photo' (selected) and 'Scannée', and a green 'Valider' button. The 'Enregistrement de la photo' section has a red 'Annuler' button. Navigation arrows are at the bottom.

1 Données identitaire 2 Traitement Photo 3 Pièces jointes 4 Traitement Empreintes 5 Libération Demande

**Informations relative à la Demande**  
Type de la demande: premier Etablissement N° CINE Nom et Prénom

**Photo du demandeur**  
Absences des empreintes ☒ Oui ☐ Non  
Choisir la Source de donnée ☒ Live Scan ☐ Scanner  
Numériser

**Etat de la capture des empreintes**

**Statut de la capture des empreintes**  
Traitement des empreintes réussi

**Capture & Numérique de la photo**  
Choisir la Source de donnée ☒ Appareil photo ☐ Scannée  
Valider

**Enregistrement de la photo**  
Annuler





## MANAGEMENT SYSTEM FOR ELECTIONS

**Netopia Solutions** has designed and set an information system for the management of different type of elections (municipality, legislative, referendum...). This solution meets the need to manage the electoral process: administrative breakdown, voters list, applications and results.

The technologies we use offer high quality services allowing the optimization and efficiency of each step of the electoral process, in accordance with the legal framework of each country.

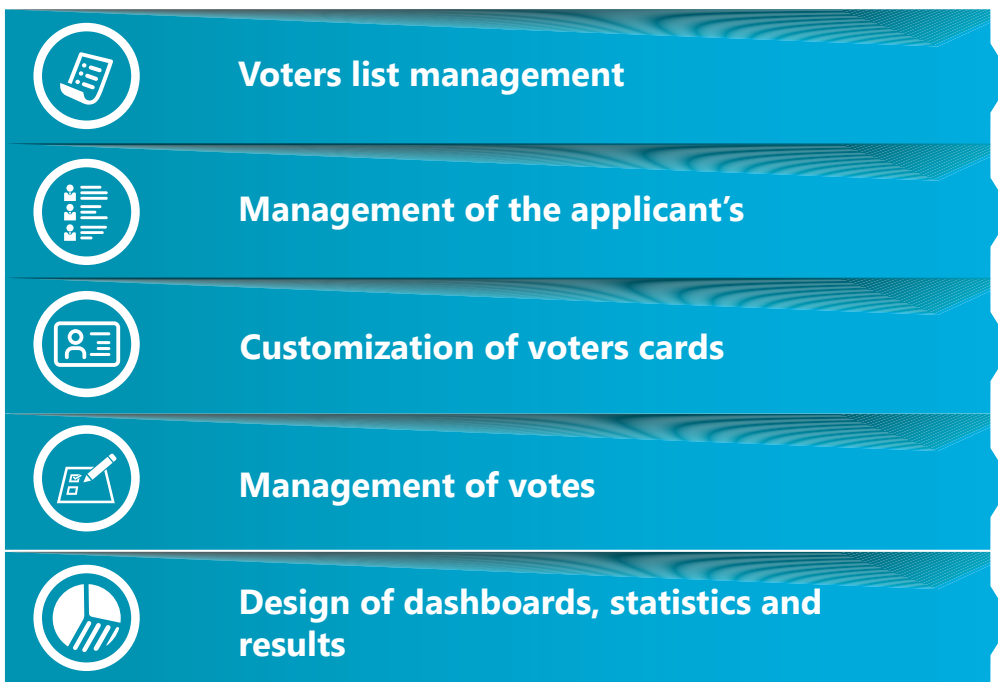
### FEATURES OF THE SOLUTION

- Multi-level view over each administrative structure responsible for the organization and management of elections: electoral district, prefecture, region...
- Management of the configurable referential.
- Bilingual system: French and Arabic.

## Operation process :

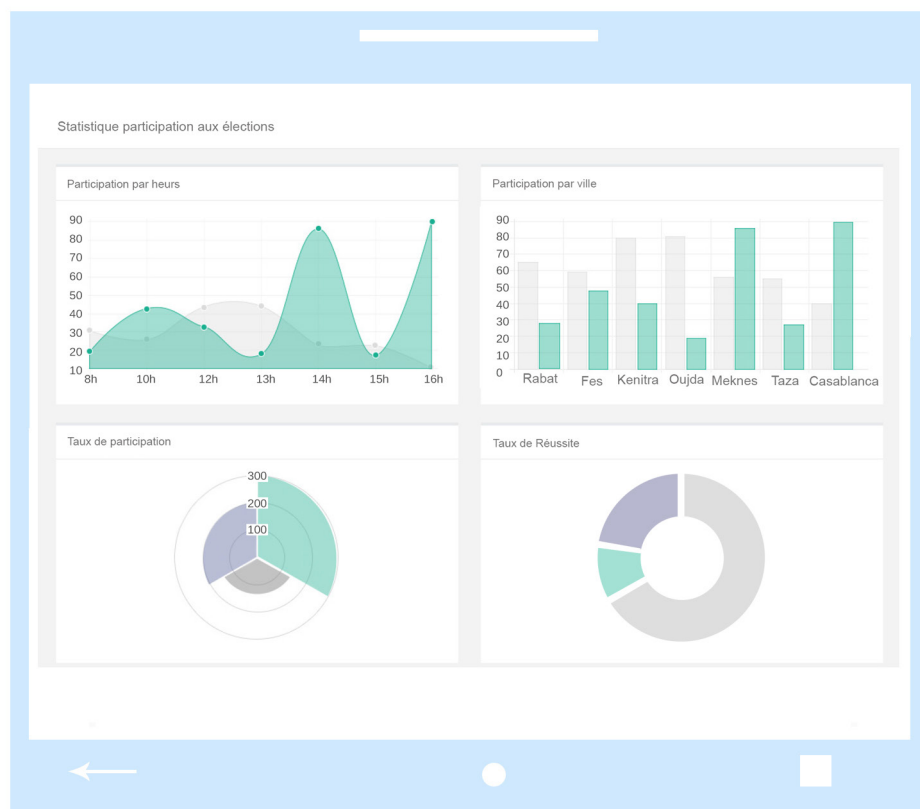
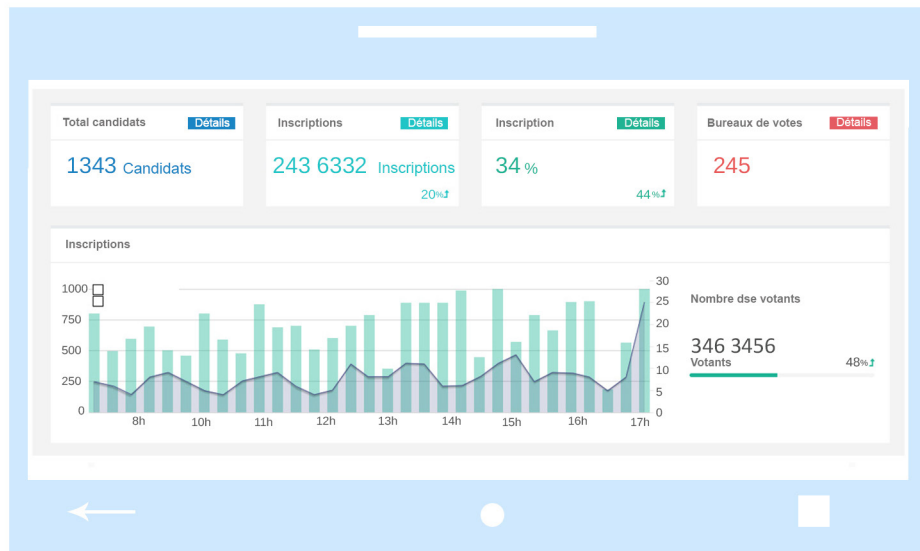
- Administrative breakdown management
- Electoral breakdown management
- Electoral list management
- Voters cards management
- Applications management
- Results management
- Dashboards for analysis and synthesis of results

## Range of functions covered by the solution :





# MANAGEMENT SYSTEM FOR ELECTIONS





## MANAGEMENT SYSTEM FOR CIVIL REGISTER

**Civil Register CIVIS** allows public administration manage efficiently the different features of civil status of citizens (birth, marriage, death...) and provide an online service to their requests.

These confidential documents can now be delivered to the citizen to his address via an entirely secure numerical channel (homeland or abroad).

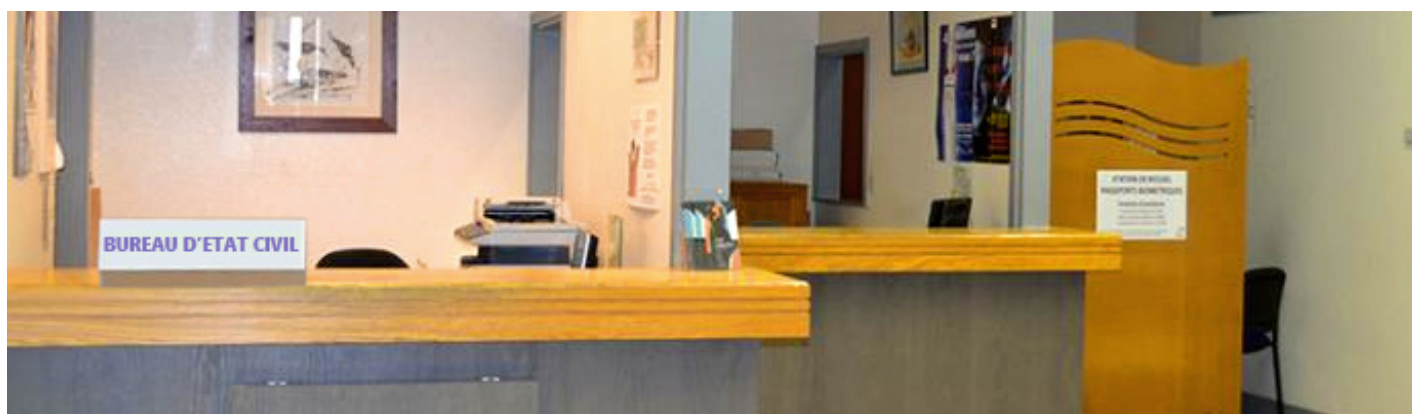
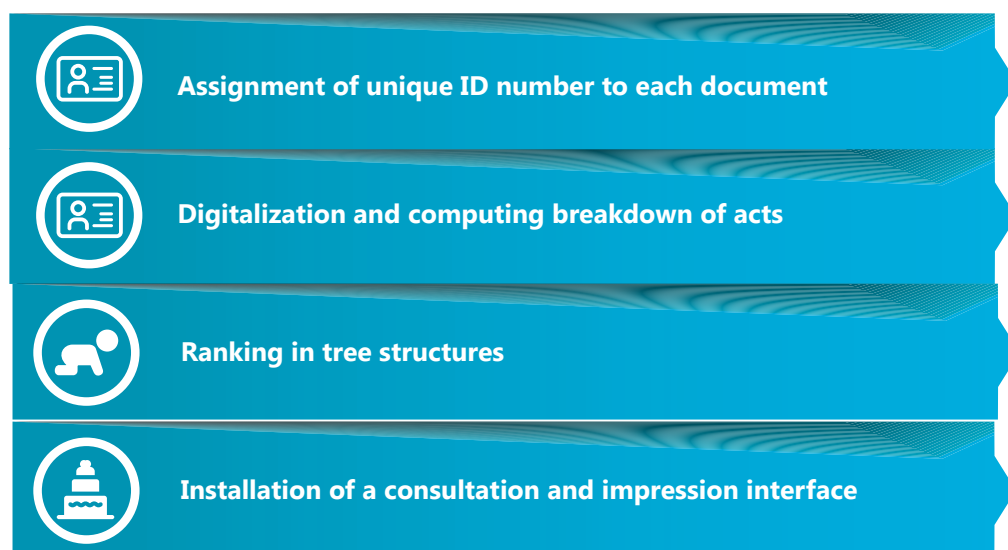
### FEATURES OF THE SOLUTION

- Unique ID number attributed to citizen
- Creation of an efficient national referential of population
- Simplification of delivery processes for the different requests
- Provision of dashboards and statistics (education, health, civil status...)

## Range of functions covered by the solution :

- Management of citizens identification :
  - Management of citizen identifiers,
  - Birth Management,
  - Management of marriages / divorces,
  - Management of deaths.
- Gestion de la famille :
  - Creation of the "family" concept
  - Assignment of a "family" group
  - Creation of an ID number per family
  - Creation of family trees.
- E-Services :
  - Requests of civil stats extracts (birth, death, marriage)
  - Online declaration
  - Online payment
  - Postal shipping service
  - Dashboards
- Tableaux de bord et rapports :
  - General statistics at national level (births, marriages, deaths),
  - Statistics by regions, cities, etc ...

## Process de numérisation des registres papier déjà existants :



# MANAGEMENT SYSTEM FOR CIVIL REGISTER

This screenshot shows the 'COPIES SCANNÉES' (Scanned Copies) section of the application. At the top, there are three download buttons labeled 'TÉLÉCHARGER' (Download) for 'COPIE DU LIVRET DE FAMILLE', 'COPIE D'ATTESTATION MÉDICALE', and 'COPIE D'ACTE DE MARIAGE'. Below this, the 'COPIES SCANNÉES' section displays three scanned documents: 'ACTE DE MARIAGE', 'ATTESTATION MÉDICALE', and 'LIVRET DE FAMILLE'. Each document has a thumbnail with a magnifying glass icon and buttons for 'MODIFIER' (Edit) and 'SUPPRIMER' (Delete). At the bottom, there is a text area for 'MENTIONS MARGINALES' (Marginal Notes) and two buttons: 'VALIDER' (Validate) and 'ANNULER' (Cancel).





## E-HEALTH SOLUTION

**Netopia Solutions** offers a performing and innovative solution allowing the enhancement of health sector management. CIVIS e-health simplifies medical data sharing essential to patient treatments. Its main benefits include medical exams prevention as well as daily online update of administrative data to rationalize time and cost.

Our solution allows to classify, manage, prepare and analyse systematically data. It highly contributes to the enhancement of medical treatment provided to patients.

## BENEFITS OF THE SOLUTION

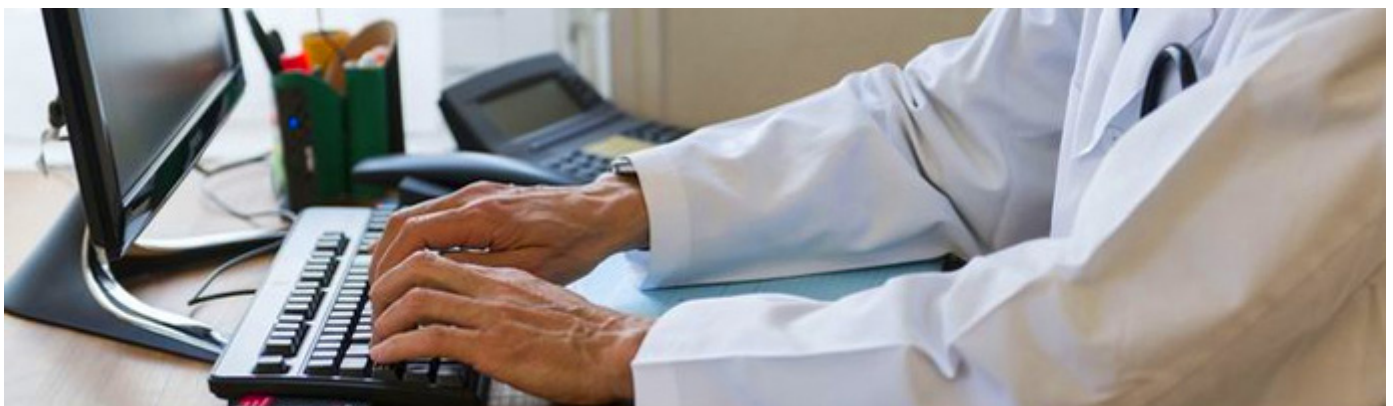
Benefits realized by the implementation of the health system management is reflected by the efficiency and performance level obtained by the users: doctors, patients, managers, insured persons.



## Range of functions covered by the solution :

- Health management:
  - Medical and hospital staff management
  - Appointments management
  - Management of medical (pathologies..)
  - Reporting and statistics
- Production and customization of health and insurance cards:
  - Online website
  - ID and health data management of enquirer and eligibility estimation (scoring)
  - Dashboards
- Pharmaceutical management:
  - Pharmaceutical referential management
  - Stock management
  - Management and storage of prescriptions
  - Reporting and statistics

## Operation process :



Numérisation de la photo

Merci de scanner le formulaire

**CAISSE NATIONALE D'ASSURANCE MALADIE DU MALIE**

DIRECTION DU SYSTEME D'INFORMATION  
DEMANDE DE CARTE D'ASSURANCE  
MALADIE OBLIGATOIRE

Compléter le formulaire en lettres majuscules  
en utilisant un stylo bille noir  
Date de dépôt du dossier jj - mm AAAA

Nature du dossier: ☐ Assuré principal ☐ Ayant Droit

N° AMO:

N° INFO/CASS:

N° Demande:

Etat civil:

Genre: ☐ Femme ☐ Homme Nationalité:

Nom:

Prénoms:

Nom de jeune fille:

Né(e) le (jj-mm-AAAA):

Coller ici la photo de 30 X 45 taille

1: Lecture Code à barre

Rechercher

2: Traitement

Numériser

Valider

-sélectionner un statut-

Rejeter

LISTE DES RENDEZ VOUS DE LA JOURNÉE

Département neurologie

PAR TRIER

Numéro	Nom et prénom	Docteur	Date et heure	
<input type="checkbox"/> N° 30294	Lorem Ipsum	Dr. Lorem Ipsum	01 Jan 2016 à 8h00	Confirmé
<input type="checkbox"/> N° 30294	Lorem Ipsum	Dr. Lorem Ipsum	01 Jan 2016 à 9h00	Confirmé
<input type="checkbox"/> N° 30294	Lorem Ipsum	Dr. Lorem Ipsum	01 Jan 2016 à 10h00	Confirmé
<input type="checkbox"/> N° 30294	Lorem Ipsum	Dr. Lorem Ipsum	01 Jan 2016 à 11h00	En-cours
<input checked="" type="checkbox"/> N° 30294	Lorem Ipsum	Dr. Lorem Ipsum	01 Jan 2016 à 12h00	En-cours

☐ Action selection : Supprimer



## MANAGEMENT SYSTEM OF ELECTRONIC DECLARATION FOR HOTEL OVERNIGHT STAYS

As part of the modernisation of public administration and dematerialization of its services, digital declaration of hotel overnights stays for tourists conceived by **Netopia Solutions** is a simple yet efficient numerical solution. It allows sector professionals to replace the manual declaration of overnight stays with electronic ones.

This solution shows the trend taken by the public government towards a new approach aiming at meeting the needs of modernity and fair governance.

### BENEFITS FOR PROFESSIONALS

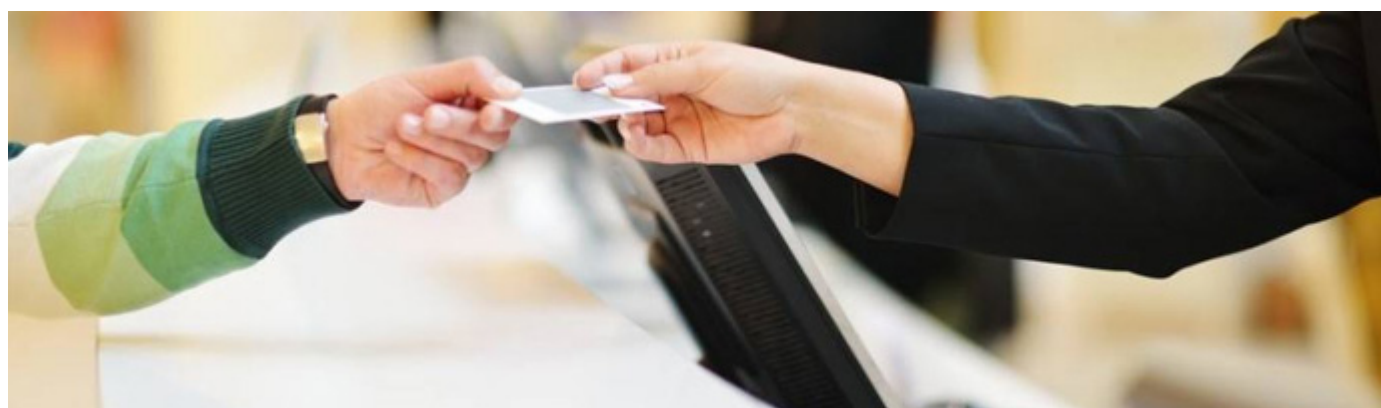
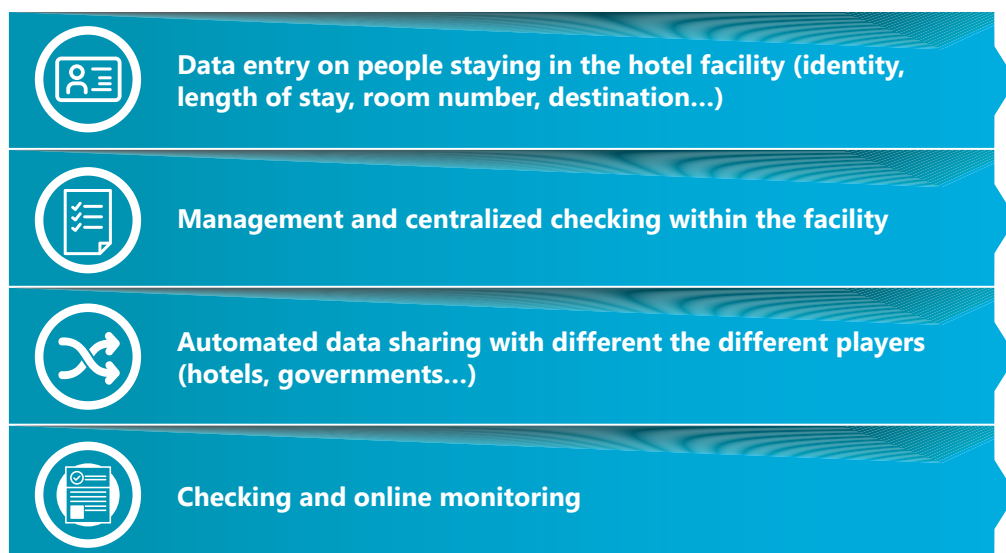
Addressed to tourist sector professionals, this solution presents several benefits:

- Time and cost saving through an electronic platform allowing live declaration of overnight stays in their facilities.
- A global vision of the sector activity thanks to a consultation platform offering dashboards and performance indicators.

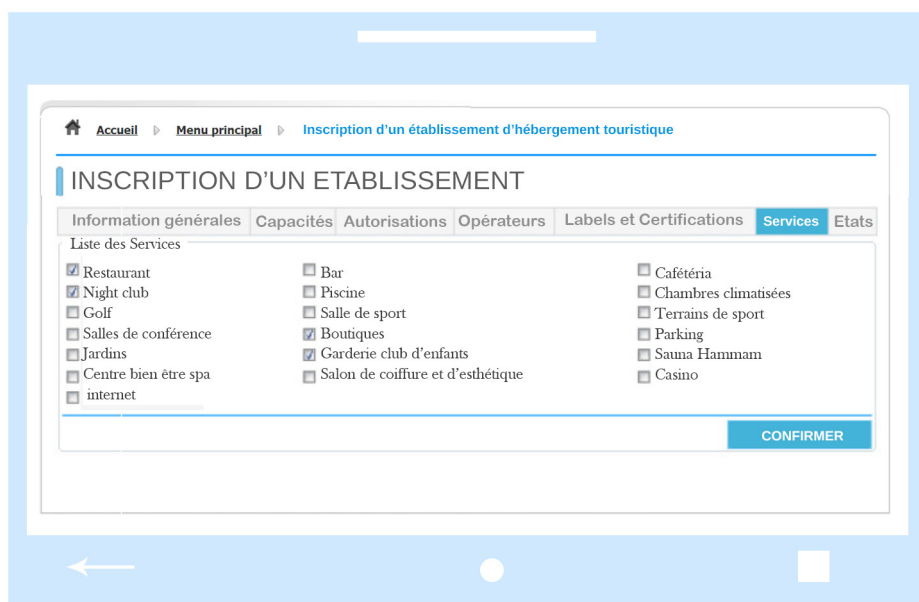
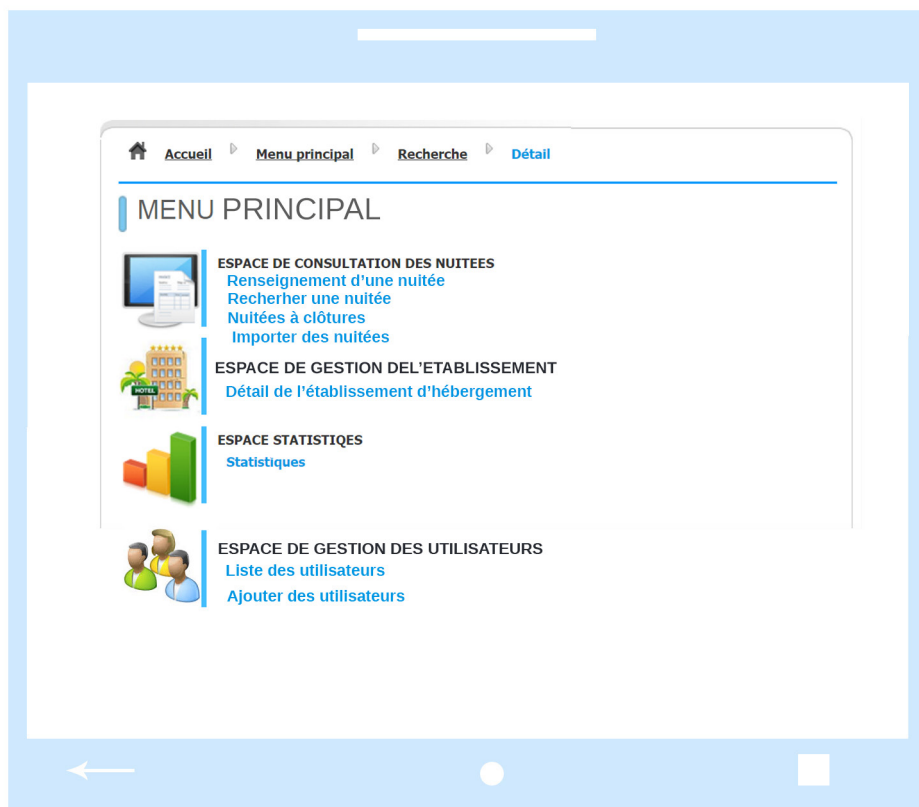
## Range of functions covered by the solution :

- Electronic declarations of overnight stays
- Online registering of hotel facilities
- Management of hotel facilities referential
- Management of live data sharing of overnight stays
- Dashboard analysis and performance indicators

## Operational process :



# MANAGEMENT SYSTEM OF ELECTRONIC DECLARATION FOR HOTEL OVERNIGHT STAYS







## MANAGEMENT SYSTEM OF PRISON ADMINISTRATION

**Netopia Solutions** has designed a modern system dedicated to the management and monitoring of the prisoners, from their incarceration to their release.

This solution allows a more productive management of penitentiary facilities and prisoners transfers. It follows a unique approach: the prisoner's data (sentence, health, social activities, education...), the fluidity of data sharing between different institutions and players, and the total protection of the information.

### BENEFITS OF THE SOLUTION

- Electronic register of the inmates
- Digital fingerprints directly transferred to the competent authorities
- ID data of inmates synchronized online with national register
- Electronic data regarding penitentiary leave and allowed leave
- Electronic agenda with planning of internal and external movements
- Live Data sharing with different players



# MANAGEMENT SYSTEM OF PRISON ADMINISTRATION

## Range of functions covered by the solution :

- Management of penitentiary facilities referential
- Management of administrative staff
- Management of inmates (sentence, movements...)
- Sanitary management (medical treatment, pharmaceuticals)
- Management of activities of inmates (workshops, studies...)
- Management of stock and material of prison facilities
- Dashboards, reports and statistics

## Inmates register process :



# MANAGEMENT SYSTEM OF PRISON ADMINISTRATION

Accueil / Gestion des Ordonnances

**Recherche**

Code  Médicament

Date Du  Au

Code	Médicament	Dosage	Forme	Présentation	Quantité en stock	Dernier Mouvement
6118000160168	AMOXIL	500mg	POUDRE POUR SUSPENSION BUVABLE	1 FLACON 60 ML	77	09/10/2015
6118000040958	DOLIPRANE	500mg	COMPRIME EFFERVESCENT	Boîte de 16 comprimé	54	09/10/2015
6118001090280	CARDIOASPIRINE	100mg	COMPRIME GASTRO-RESISTANT	Boîte de 30 comprimé	87	29/09/2015
6118000040972	DOLIPRANE	1000mg	COMPRIME EFFERVESCENT	Boîte de 10 comprimé	78	29/09/2015
6118000091547	RIFASONE	0.25 / 1 G / G	POMMADE	1 TUBE 5g	80	18/09/2015
6118001080304	CLAFORAN	1g	POUDRE POUR SOLUTION INJECTABLE	1 Boîte 1 flacon	50	18/09/2015
6118000250357	UNASTYN	1 / 0.5 G / G	POUDRE POUR SOLUTION INJECTABLE	1 FLACON 3.2ml	80	17/09/2015

Accueil Medecin / Agenda / Consultation

**Médecin**

**Consultation**

1. Identification 2. Actes médicaux 3. Avis médicale 4. Ordonnance 5. Confirmation

Médicament

Durée traitement

Mode d'emploi  /  /

**Liste des médicaments**

Nom médicament	Quantité	Durée	Quantité Prise	Forme Médicale	Périodicité	Action
Liste vide						

# SOME REFERENCES

## E-government :



Système de gestion des demandes du passeport biométrique



Système de gestion du régime d'assurance maladie RAMED



Système de gestion des élections :  
2004 - 2007 - 2009



Système de gestion des demandes d'acts de l'état civil



Système de Gestion des CNIE provenant de l'étranger



Système de Gestion des Infractions du nouveau code de la route



Système de télédéclaration des nuitées d'hôtels



Portail internet  
[www.dgapr.gov.ma](http://www.dgapr.gov.ma)



Système de gestion de la détention carcérale



Système de gestion des cartes de santé de la République du Mali



Système de gestion des plans d'actions gouvernementaux de la République de Mauritanie



Portail Internet "eGov" et sous sites

## Telecoms :



Système de gestion Selfcare

## Banks and Insurance companies :



Portail institutionnel du groupe Attijariwafa Bank



Portail institutionnel



Portail institutionnel



Plateforme d'échange des flux ESB entre Dar Assikah et ses partenaires



Portail institutionnel du groupe Crédit Agricole du Maroc



Banque en ligne du groupe Crédit Agricole du Maroc

## Administrations and Offices :



SIKKANET : Portail Intranet de l'ONCF



SYSCO : Projet de comptabilité des gares



CFRET : Projet de comptabilité : FRET



Système de gestion de rotation des rames : PHOSPHANET



Application mobile : Train Now



Système de gestion du contrôle médical



Plateforme Internet et Intranet



Plateforme Intranet Al Kindy







NOTRE SAVOIR FAIRE, C'EST L'URBANISATION DE VOS SYSTÈMES D'INFORMATION

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Casablanca :  
8, Jawhrat Al Jarrah, Apt6 Rue  
Abou Omar Alalaa, Belvédère.

Rabat :  
79, Rue Ibn Sina, Agdal  
3ème étage.

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