RAINBOWTEC

Access Control Software

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WHO ARE *we*?

Rainbow Tecnologia is a software development company focused on people, resources and vehicles control, its main products being Third Party Management and Access Control.

For over 35 years in the market, we aim to develop reliable and scalable integrated solutions that meet the concept of high availability.

The company offers deployment of the solution on Microsoft's Azure Cloud Computing or on-premises network

Microsoft Azure

OUR SOLUTIONS

RAINBOWTEC

EMPLOYEES

Access control based On parameterized business rules, Biometric access control, Presence control in places without fisical structure (mobile), Meal control, Presence control, People Monitoring, AI Document validation

THIRD PARTY

Required documentation control, AI Document validation, Expiration control of mandatory documents, Control of risk activities, Audits, Schedulle of Access Integrations, Online Access Integration, Presence control in places without fisical structure (mobile), Contract Workflow, Management of drafts and contracts with digital signature (Docusign)

VISITORS

Pre Registration of visitors, Online Access Integration, Meal control associated with the Cost Center of the visitor, Self-service totem

VEHICLES

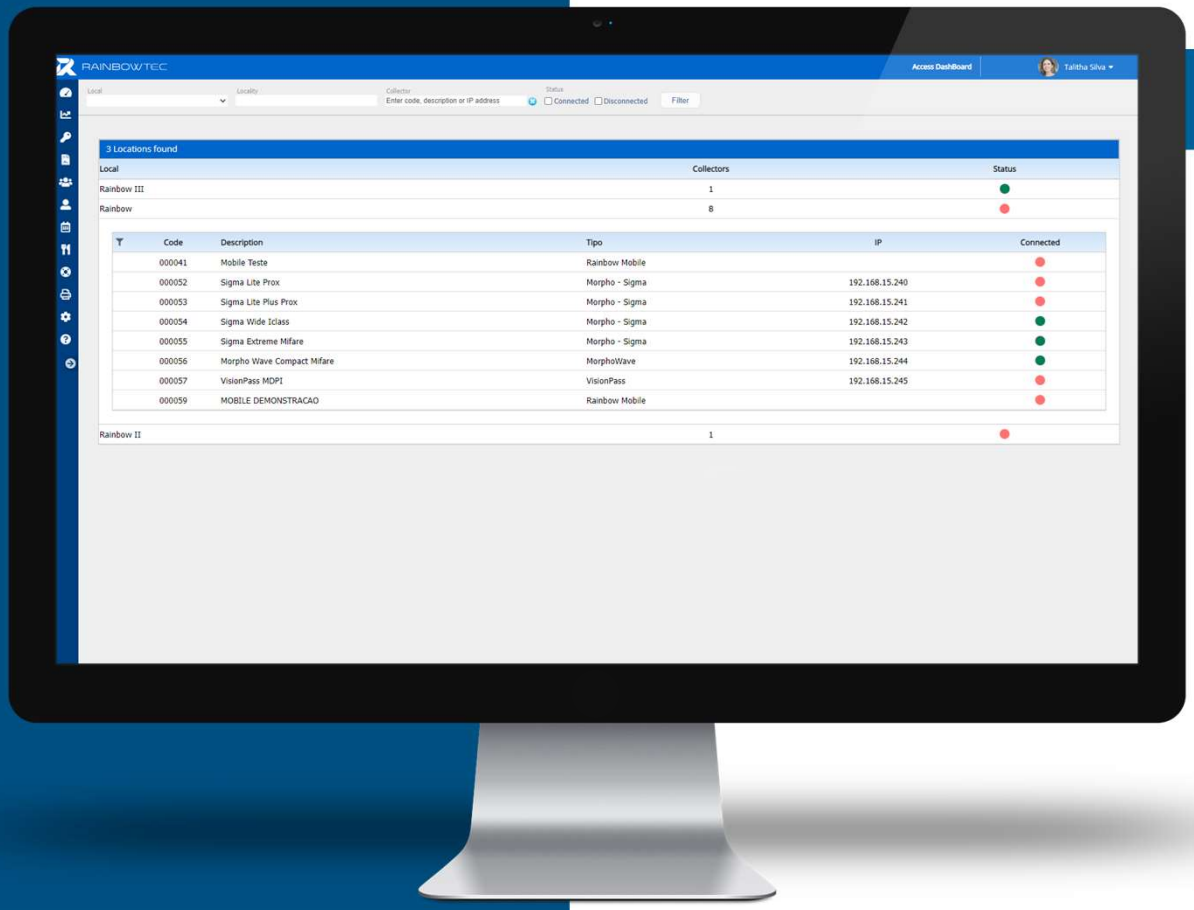
OCR, Double identifier, Travel Schedule, Parking lot control, Customs control

OUR SOLUTIONS

RAINBOWTEC

Whether on-premise or Cloud Computing Rainbow always seeks to **integrate new technologies** and mobility into its solutions

ACCESS *Monitoring*

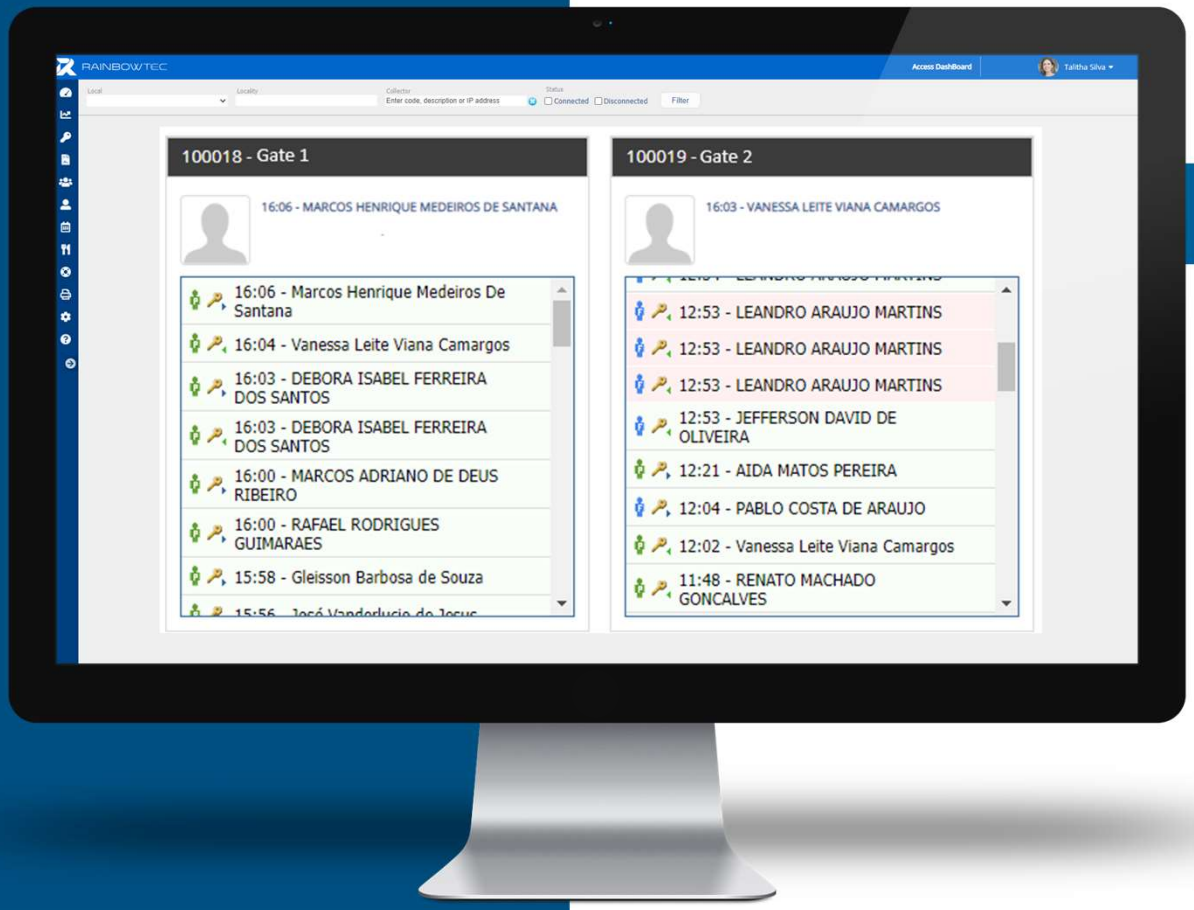


1

DASHBOARD

It is possible to view **quantity and status of the equipment, in addition consult equipment logs, communication pings and settings** of each equipment on the same screen.

ACCESS *Monitoring*

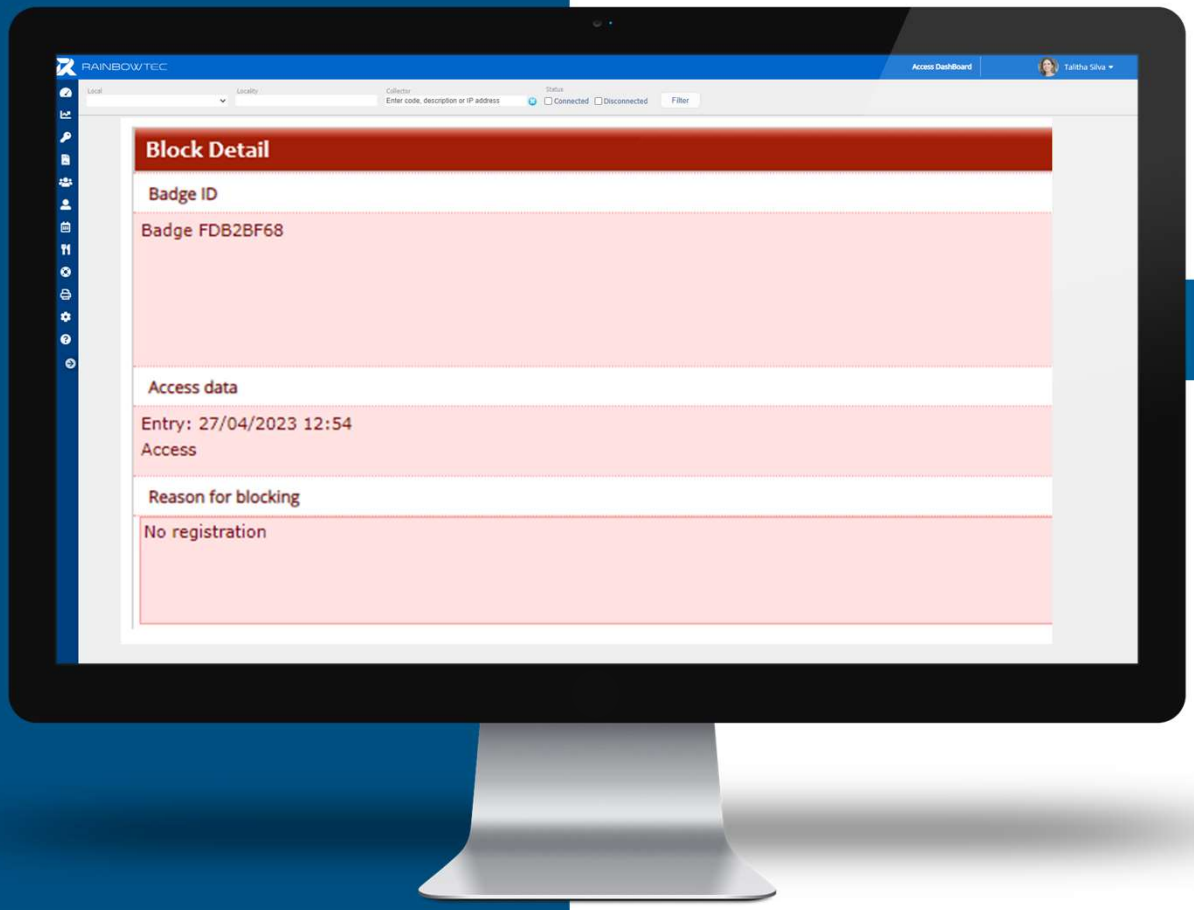


2

ACCESS MONITOR

On the Access Monitor they can inspect the entry of **employees, third parties and visitors.**

ACCESS Monitoring



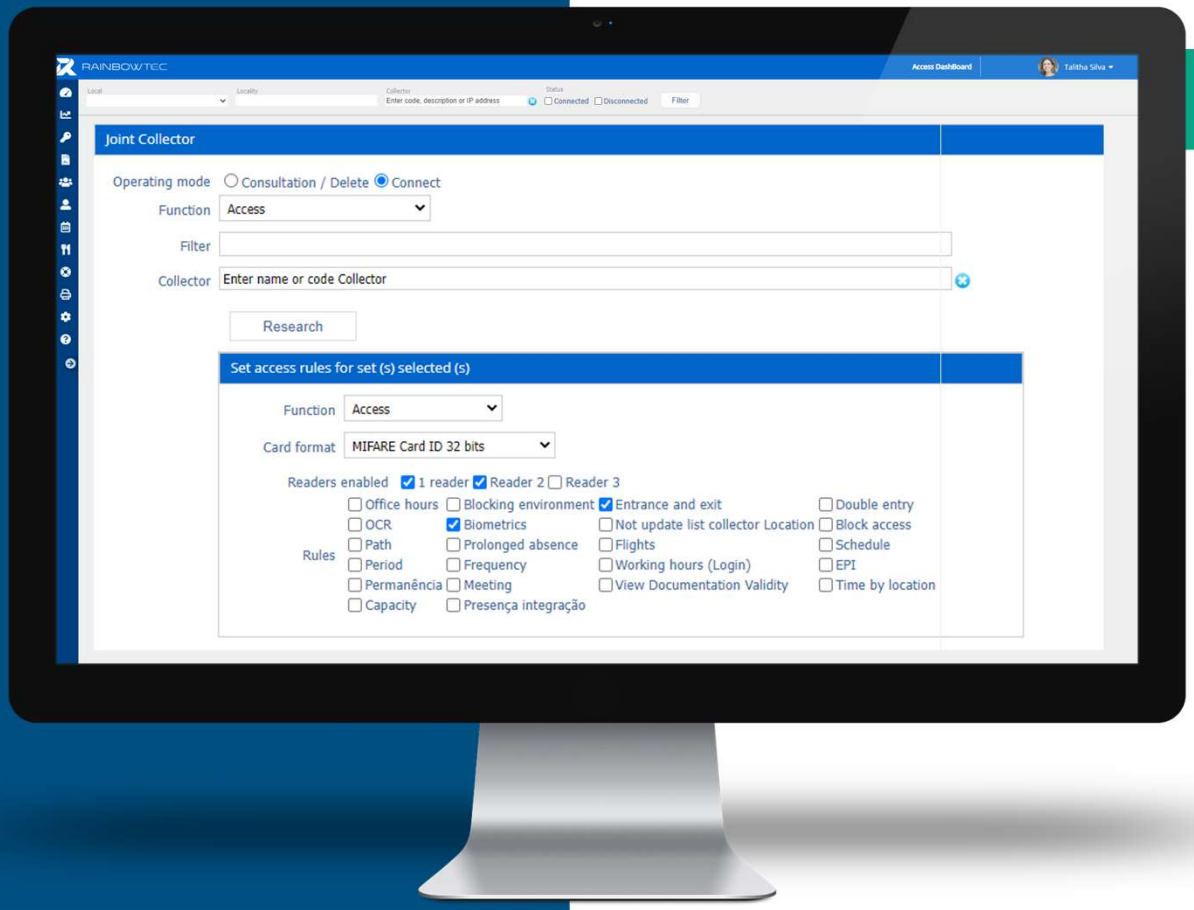
3

BLOCKED

It is possible the viewing of the photo when the badge passes through the reader, the release or blocking of the access and monitors any attempt to pass an unauthorized badge, identifying the reason for the block.

It is possible to you to analyze the reason for blocking access, launch alert justifications and allow the access of people and/or vehicles.

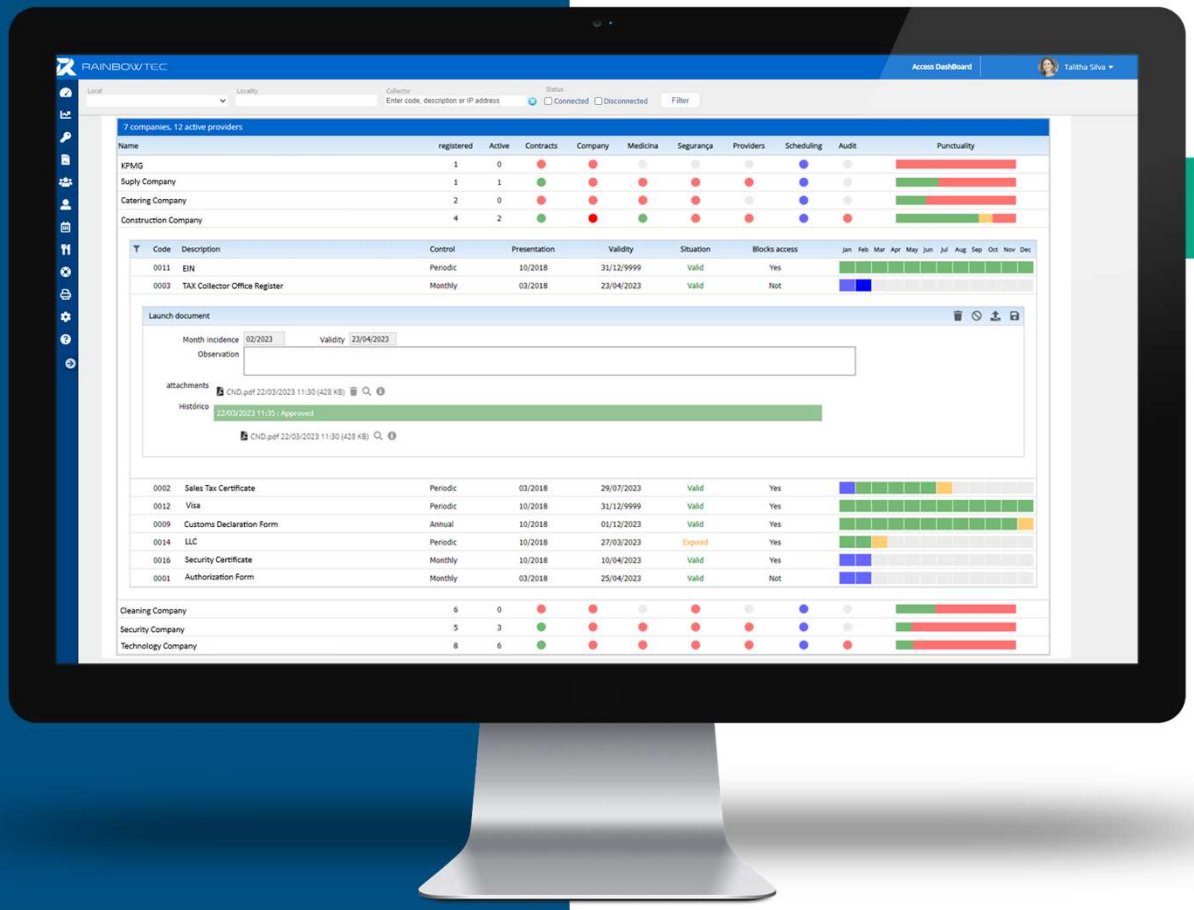
ACCESS *Control*



1 ACCESS RULES

Customization of business rules in Access Control.

ACCESS Control

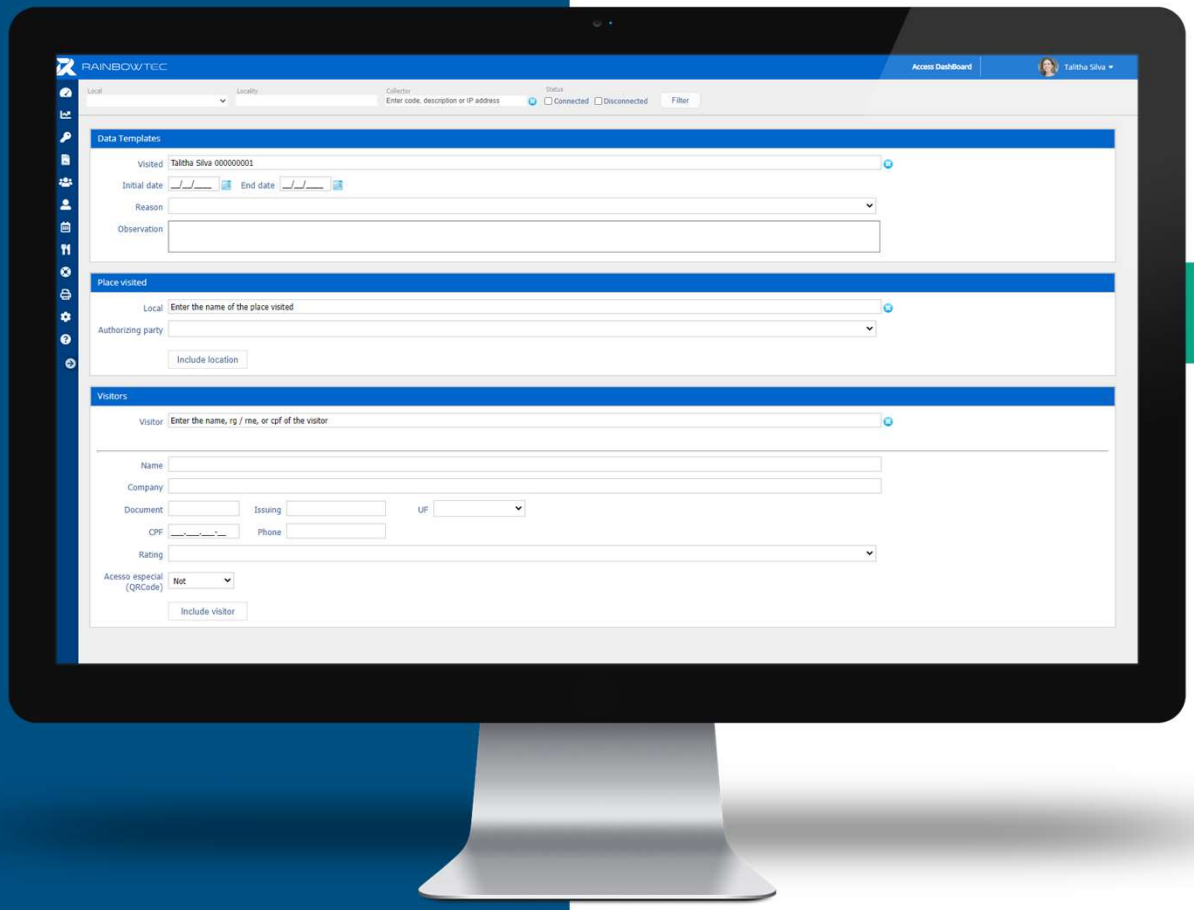


2 THIRD PARTY

Integrated with Third Party Management allows effective control of service provider

- ✓ Contract validity period;
- ✓ Authorized workplaces;
- ✓ Regularity of documentation;
- ✓ Authorized working hours;
- ✓ Integration Control;
- ✓ Critical risks;

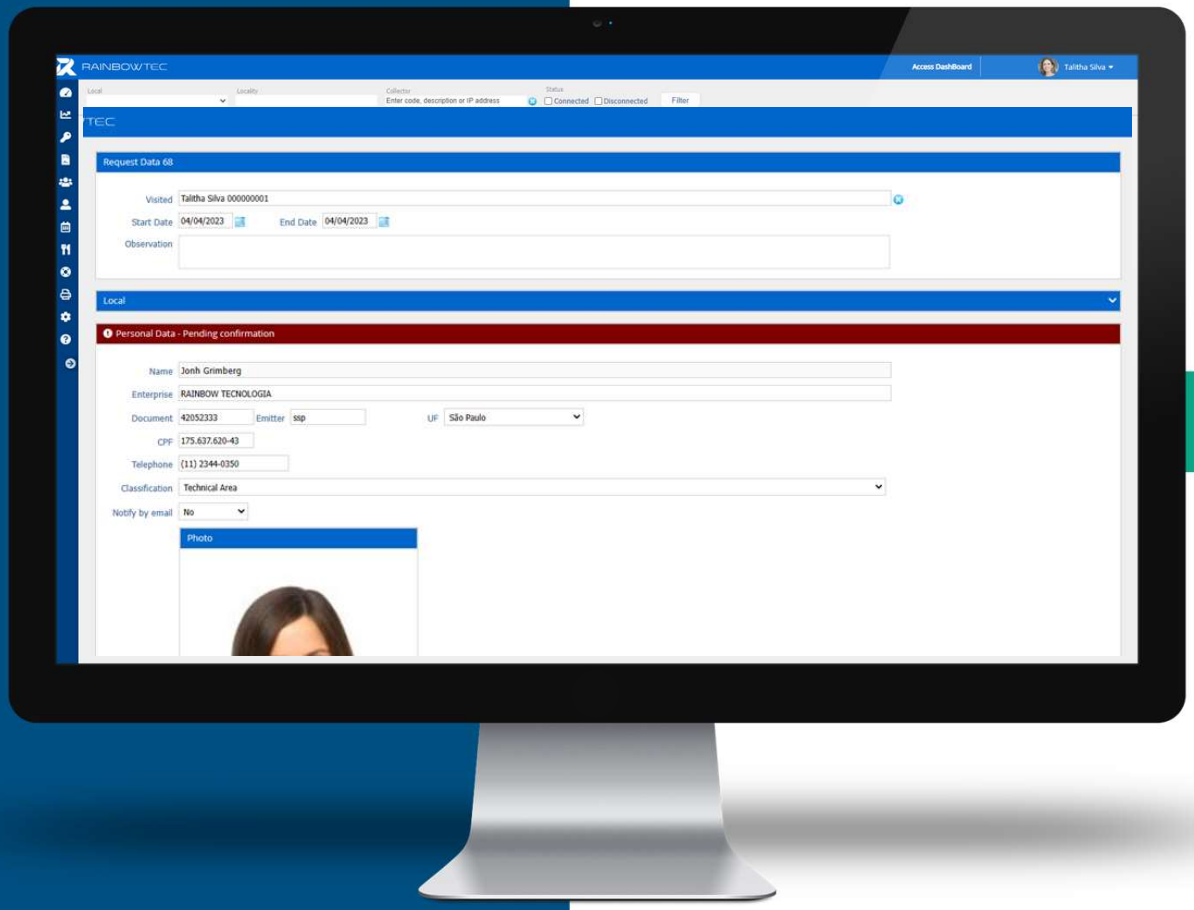
ACCESS Control



3 VISITS

Pre-registration of visits, in order to expedite the entire process of Reception.

ACCESS Control

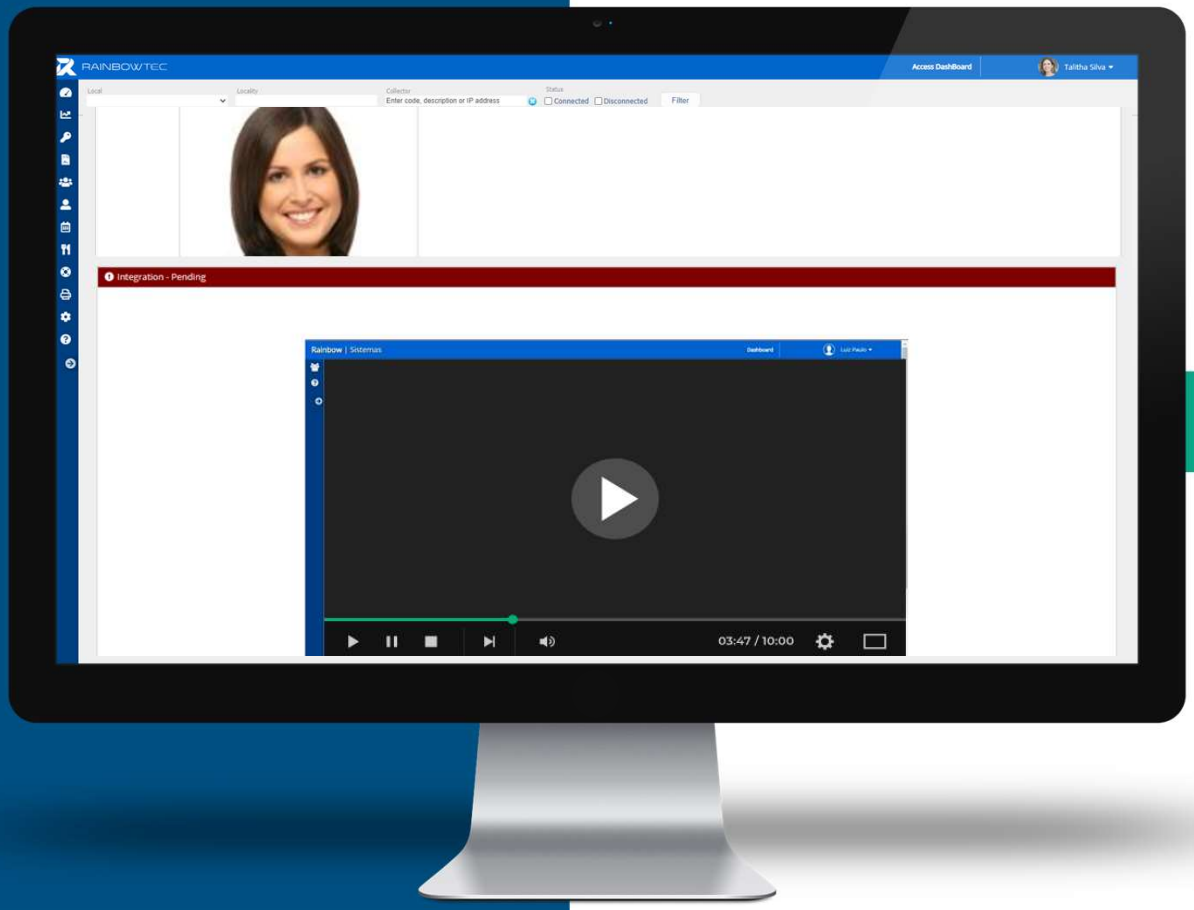


4 INTEGRATION

Remote integration of visitors who visit the company. The visitor can send the necessary documents, watch a video display and answer the validation questionnaire.

© Rainbow Tecnologia

ACCESS Control



4 INTEGRATION

It allows the remote integration of visitors who visit the company. The visitor can send the necessary documents, watch a video display and answer the validation questionnaire.

© Rainbow Tecnologia

Integrate in the same network, **different types of equipment;**

Use **different badges and/or biometric** technologies;

Integrate with mobility (work control, access, audit);

Facilitate **self-service delivery** of provisional badges and visitors;

Integrate **with OCR and CCTV systems**;

Full integration with Third Party Management System

Incorporate new technologies such as facial recognition, Virtual Cards, TAGs and QR Code

BIOMETRICS

Touchless Biometrics and Facial Recognition

The speed of facial recognition in less than 1 second, identifying moving faces, ensures a greater flow of access. Current technology and facial recognition is able to differentiate photos and videos from real faces, significantly increasing the security of users.

Rainbowtec allows you to integrate in a simple way the most advanced features in the use of biometrics

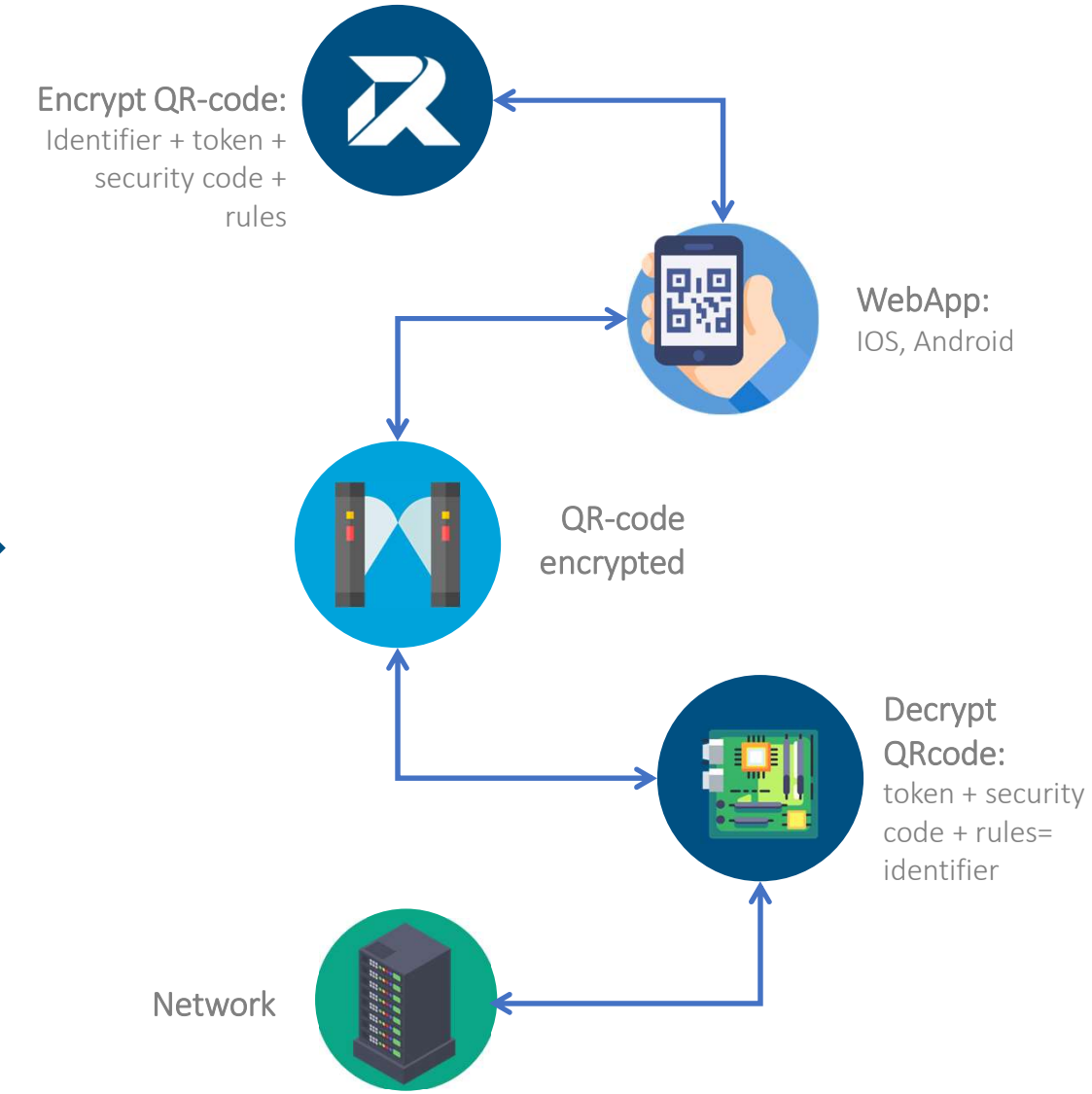
IDEMIA

dahua TECHNOLOGY

QR CODE

Access control with dynamic QR-code

QR-code can be used for employees, third parties or visitors



SELFIE SERVICE

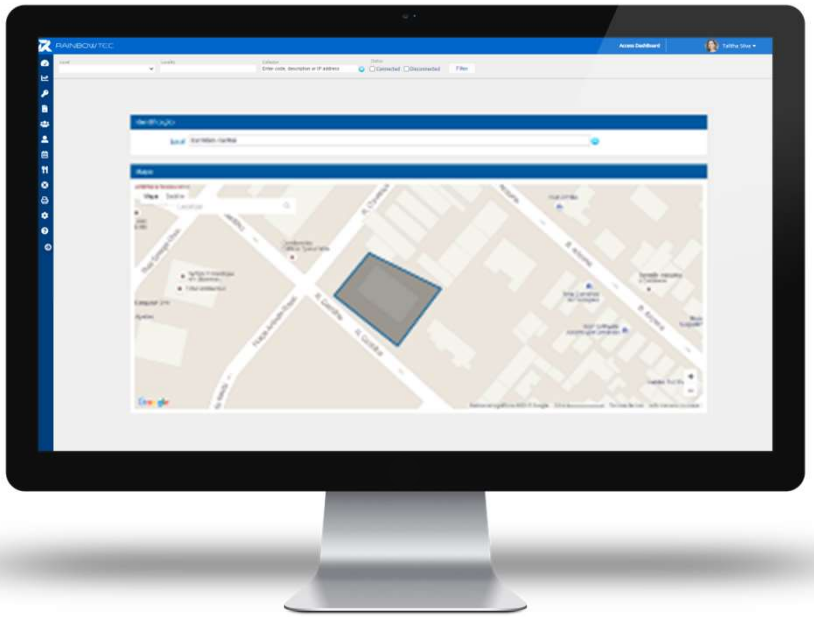
Identification with QR Code or with document and biometrics

RAINBOW MOBILE

APP RAINBOW

Rainbow Mobile consists in a service installed on the application server and an app to be downloaded on the smartphone.
The app also includes a local database and feature for reading badge with Mifare technology, Barcode (without stripe) or QR Code.

Location Georeferencing feature



The Location Georeferencing feature allows you to delimit a region where the cell phone can be used as a collector, certifying that the tool will be used in the appropriate place.

VISION AND OCR

Integrated with a character recognition system (OCR)

Rainbowtec Vehicle Recognition associates vehicle information with the driver.

Rainbowtec Vision links access markings to images captured by the security camera, showing the way taken by employees and sending alerts in real time.

Integration with Pelco's VideoExpert.

PELCO

CENTRAL OF Services

offers several technology-based features such as:

Restaurant control

Controls with mobility technology

Participation in training

People monitoring

Occupational Safety
(Critical Risks)

Capacity Control

Reservation of spaces

Doc validation by Artificial Intelligence

Digital Signature

Business Intelligence

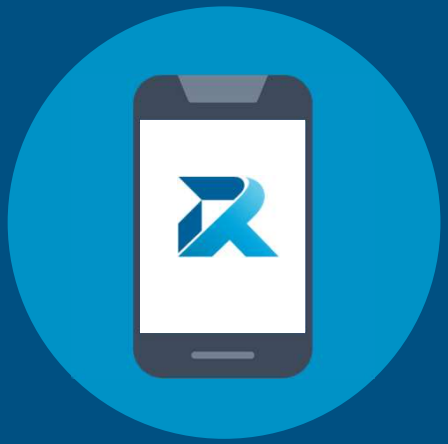
Rainbowtec Restaurant controls the access of employees, contractors and visitors to the company's restaurant, blocking or releasing the entrance, enabling all transparency of financial transactions for the parties involved including checking account for third parties. The system also deliver a detailed billing invoice to third parties.

It is possible to register the types of meals that will be counted automatically depending on the time recorded. The System generates a prediction of how many people will make the meal in the company, according to the company’s access.

MENU

MOBILITY

Technology



Control of deliverables

Presence monitoring in events

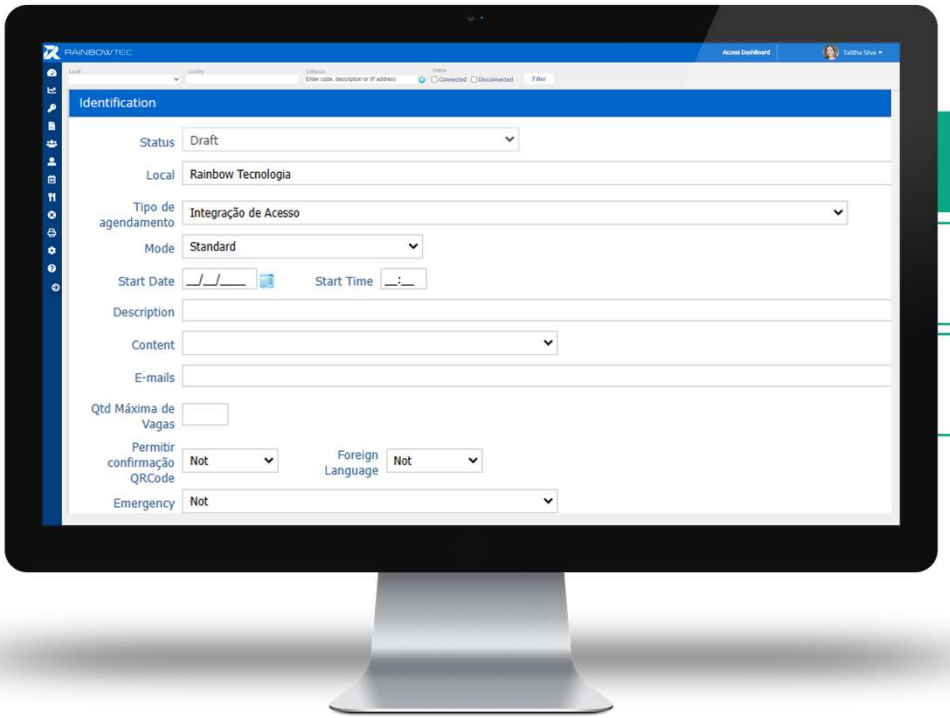
Presence monitoring on trainings

MENU

SCHEDULING

Training

The system allows you to create training schedules, linked to document, so that participants have the document validated after the completion of the training.



1

2

3

The agenda created is interactive and allows the provider himself to request the vacancies and associate them with his employees.
Very suitable feature for security integrations.

MENU

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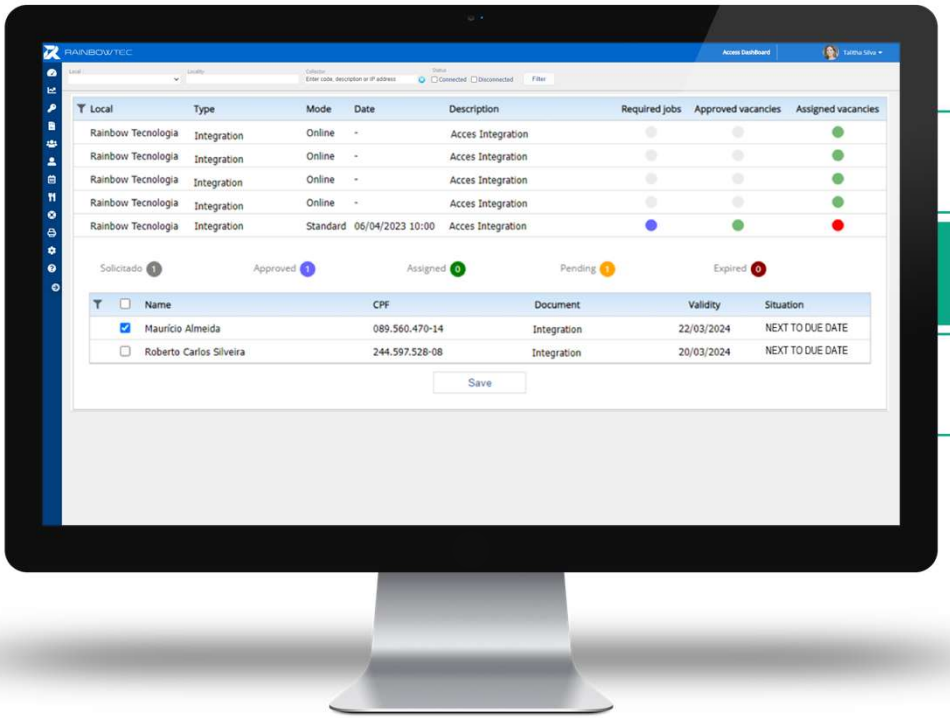

Confirmation of presence can be done manually or by reading a QR Code, using Rainbow Mobile.

MENU

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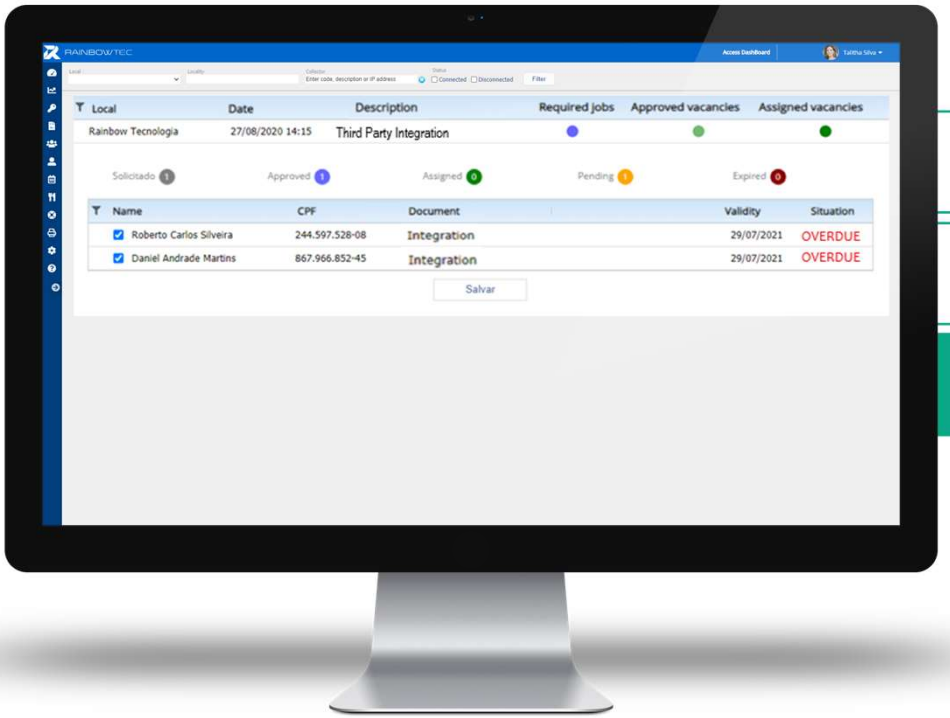

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MENU

PEOPLE

monitoring

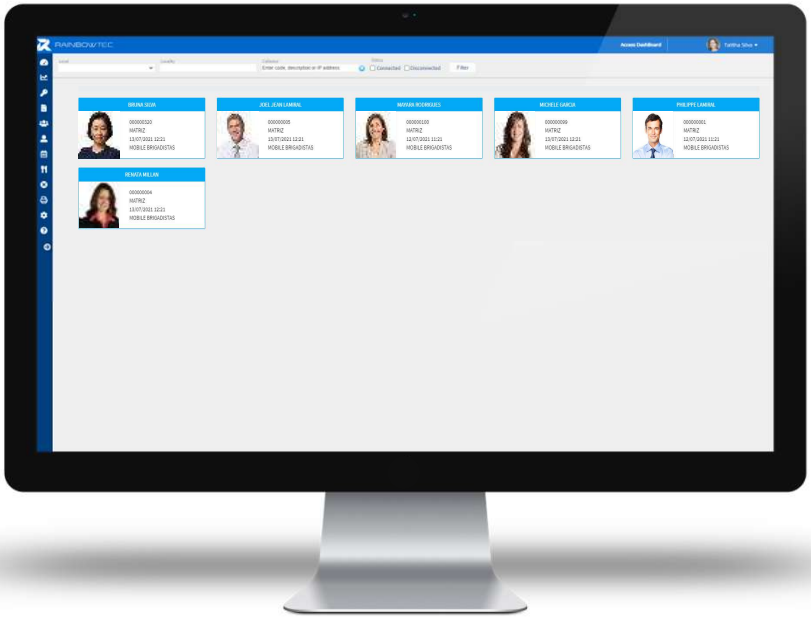
Differential

Groups are created and customized according to existing needs;

Real-time monitoring of people from a particular group, who are present in the company

Control based on the entry/exit of people in the perimeter equipment, being possible to use the Rainbow Mobile for this control

Possibility of monitoring different groups simultaneously, using different browser tabs.



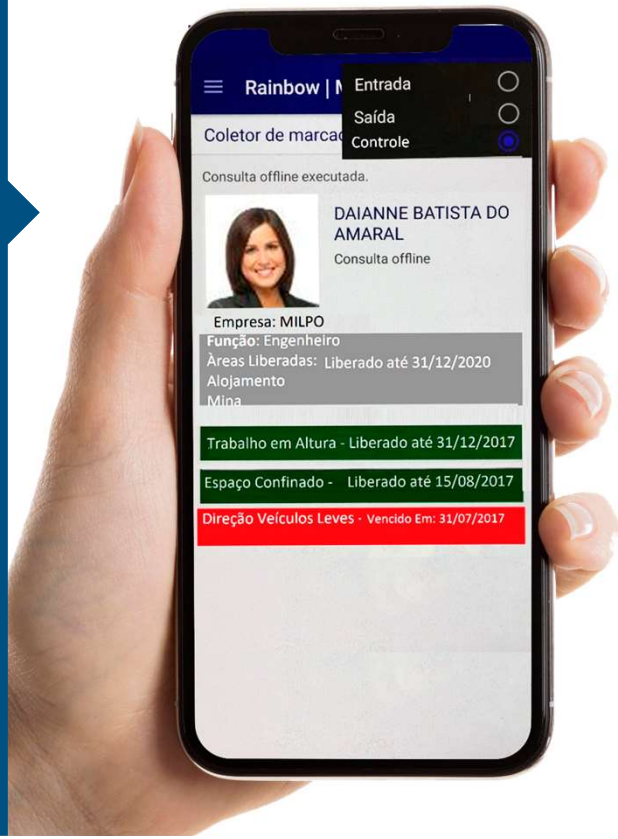
Feature that allows you to monitor the presence of people associated with certain groups, such as brigadiers. It is possible to count on the support of a SmarTv for the display of the monitor.

MENU

OCCUPATIONAL Safety

Control of activities involving Critical Risks

The system allows you to register the authorized areas and the activities allowed for employees or service providers. This information is available for consultation on the smartphone that is online or offline (with previous preload) with the simple reading of the badge, QR Code or nominal search. So those responsible for Occupational Safety can check the real situation of each person.



- **Mobile Features**
- **Access:** If any document or contract is expired or missing, it is presented in red and when you click you can check the details: Ex. Contract expired on xx/xx/xxx
- **Allowed areas**
- **Documentation:** Present details of the documents that are associated with the activities and that are missing or expired:

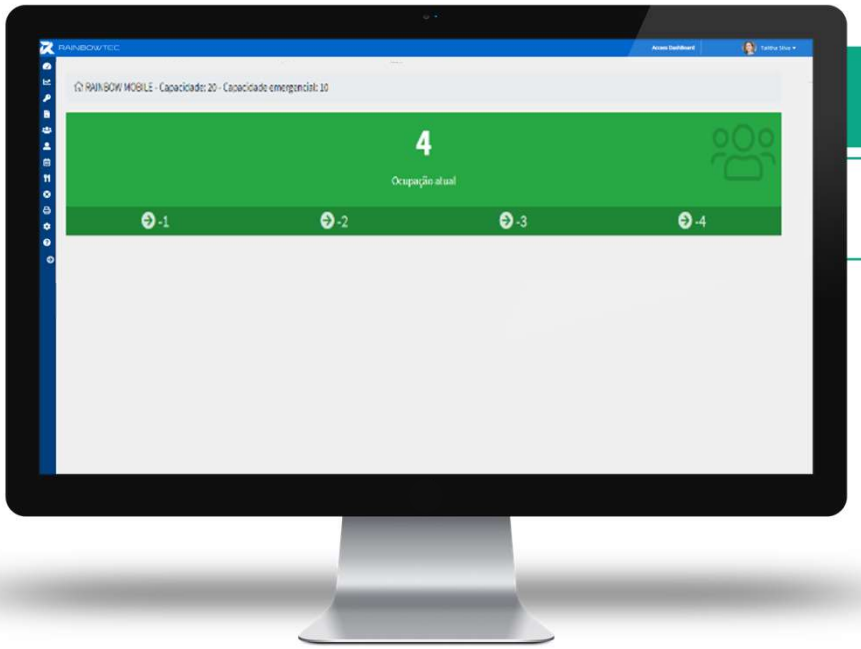
  Ex. Conduction Permision – Expired on 07/31/2017

MENU

SPACE
Capacity

Feature that allows you to simply control the maximum capacity of spaces according to the availability .

It is possible to count on the support of a SmarTv for the display of the current occupation.



1
2

1. Control of maximum occupancy and emergency occupancy;
2. Exit control by equipment or manually;
3. Control carried out by site, with different capacity each one.

MENU

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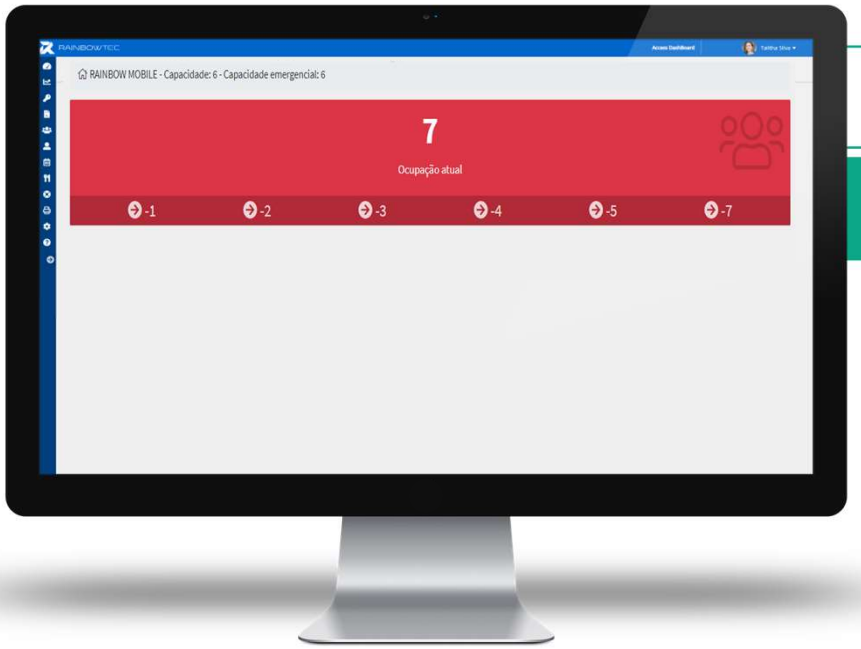

1. Control of maximum occupancy and emergency occupancy;
2. Exit control by equipment or manually;
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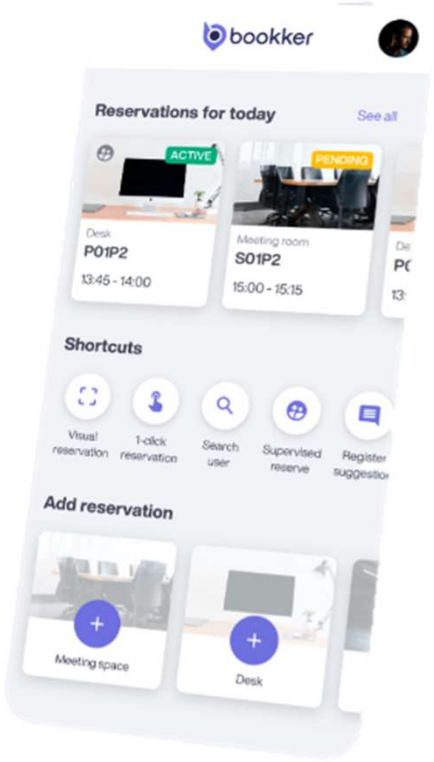
Bookker integration for space reserve

Integration with the Bookker system for space reservation. According to the data of the reservation of space received, the Rainbowtec system grants temporary access to those involved in the reservation.



bookker

MENU

DOC VALIDATION BY Artificial Intelligence

Service Provider
Input document
in system

Rainbow System
Validation with
artificial intelligence

Generate
alert

Ok

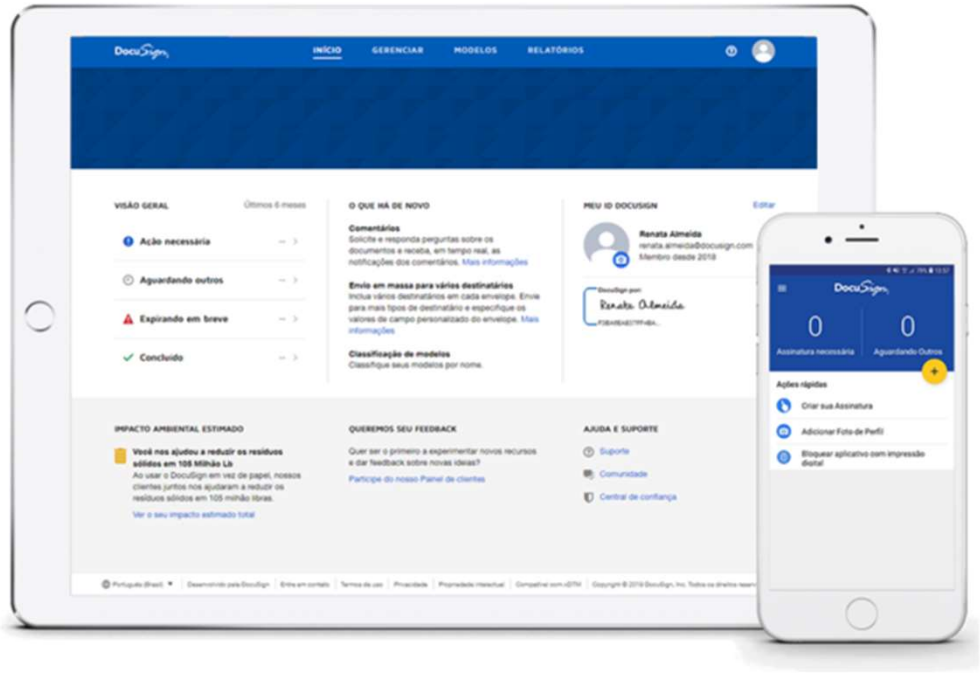
People
by SMS or e-mail

Other systems
by integration

MENU

DIGITAL Signature

Partnership with the Docusign for that the conclusion of the process be done even faster, from anywhere.
Send documents with ease for others to sign and maintain full control via the system.



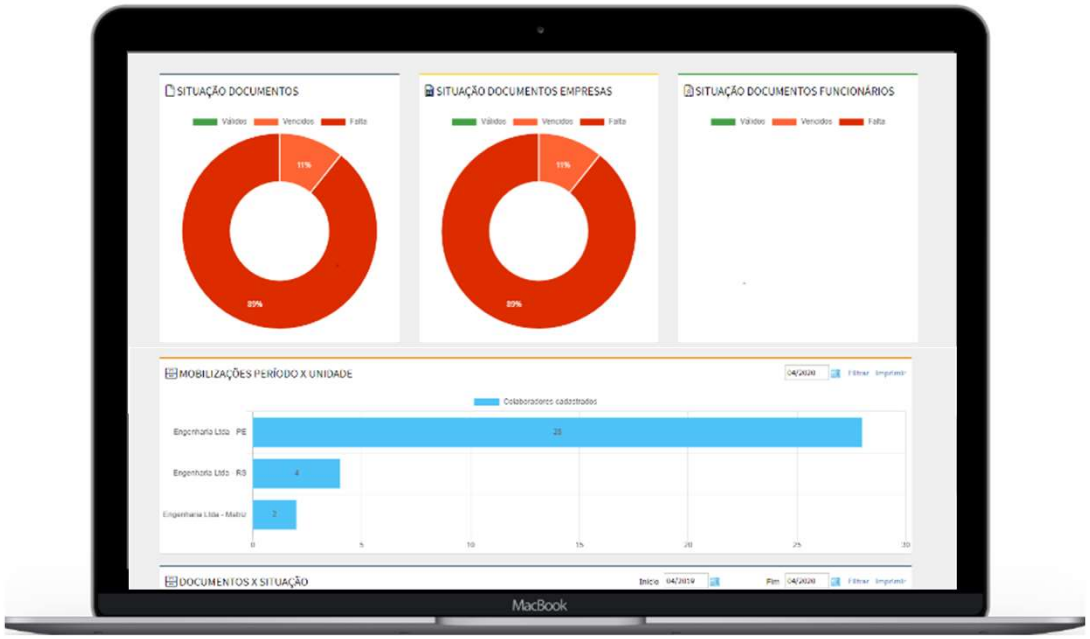
DocuSign

MENU

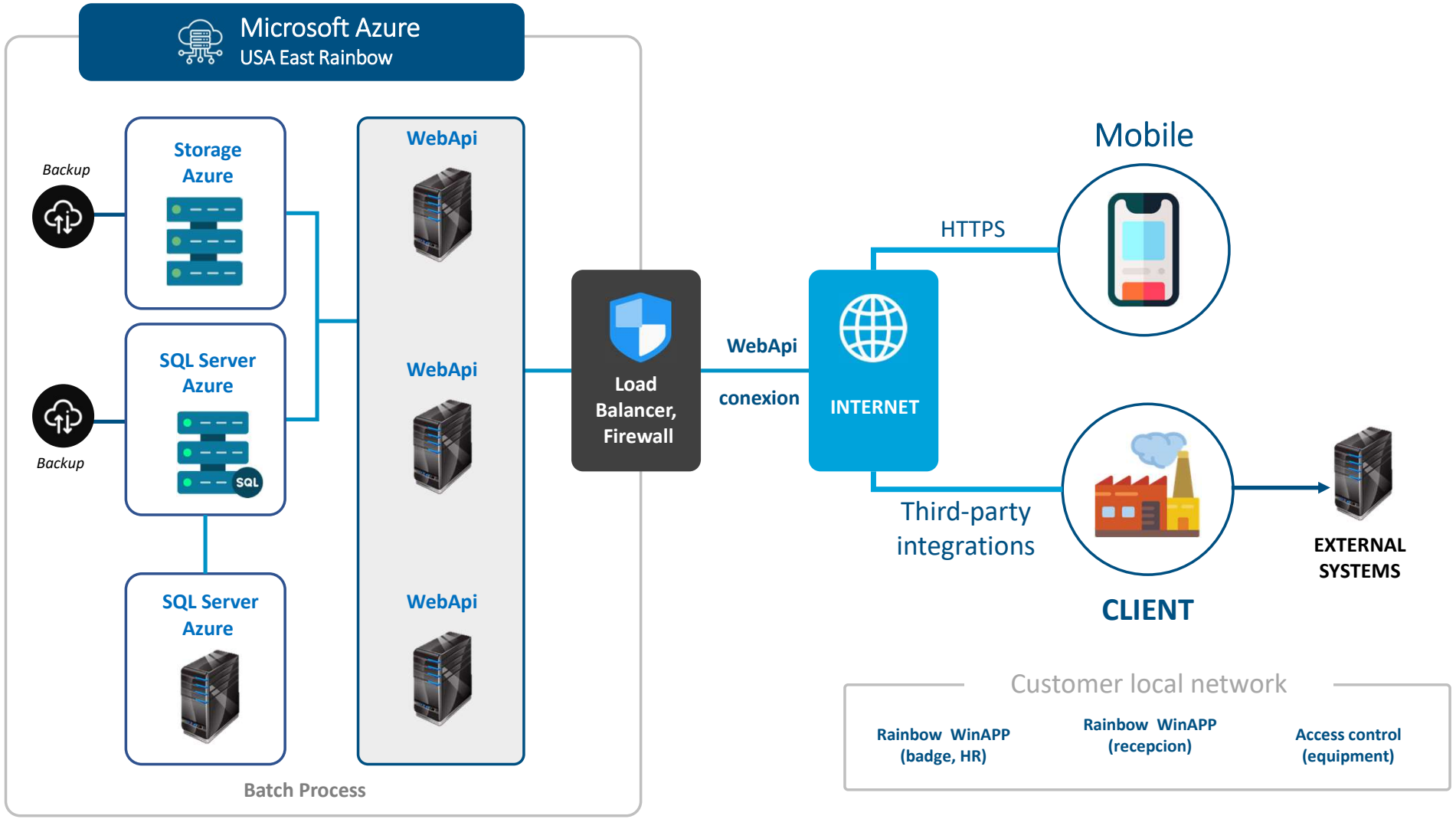
BUSINESS

Intelligence

Rainbow provides management resources with a BI structure for the generation of predetermined graphical indicators. It is also possible to export data dynamically trough API to use in the client's own Data Lake.

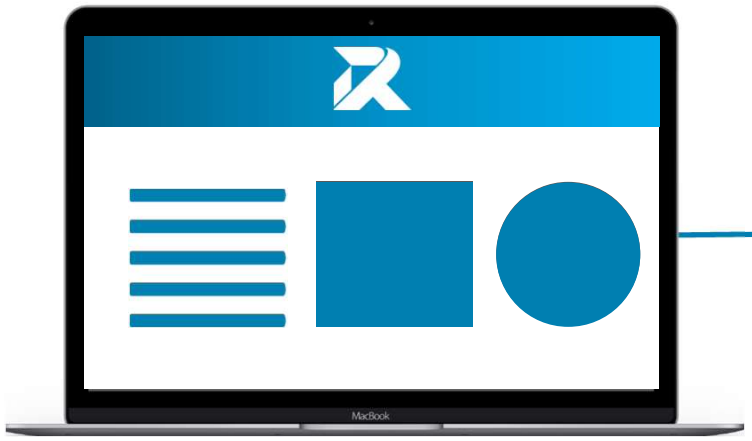


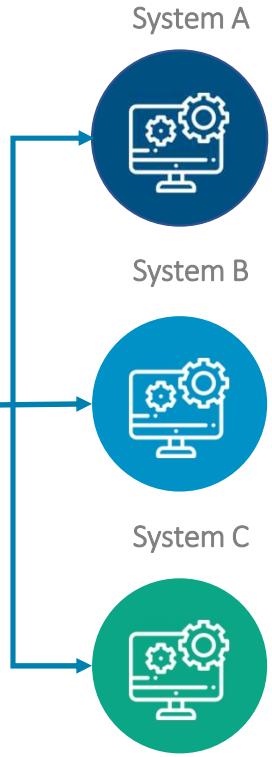
THIRD PARTY MANAGEMENT - AZURE



SIMULTANEOUS INTEGRATIONS - AZURE

Simultaneous sending of multiple custom alerts to other systems





Any data or action performed in the system can become an alert.

RAINBOWTEC USAGE SEGMENTS

The flexibility of Rainbowtec allows several segments to be served with excellence, adapting the System according to the needs of each client.

AGROINSUSTRY

FINANCIAL INSTITUTE

CELLULOSE AND PAPER

PHARMACEUTICAL

CEMENT

MINING

EDUCATION

OIL AND GAS

HOME APPLIANCES

STEEL INDUSTRY

CLIENTS

citrosuco
Bracell
suzano
Eldorado Brasil
cmpc
AHLSTROM MUNKSJÖ
banco
Itaú
nexa
BASF
We create chemistry
VOITH
SCANIA
bpbunge bioenergia
OJI PAPÉIS ESPECIAIS
Votorantim Cimentos
combio energias renováveis
Enaex
APSEN
GROUPE SEB
Timac AGRO
JALLES MACHADO
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kemira
symrise
amcor
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