WORLD CUSTOMS ORGANIZATION
ORGANISATION MONDIALE DES DOUANES

Integrated Modernization Programme

GUATEMALA CUSTOMS ADMINISTRATION

-SAT-

Leonel Molina
Head of Customs Modernization

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If we implement technology, all the problems with customs will be solved?

Where is Guatemala?

General Information

Central América

Procesos
PROCESS
Infraestructura
INFRAESTRUCTURE
Tecnología
TECHNOLOGY
Seguridad
SECURITY
Recursos
HUMAN RESOURCES
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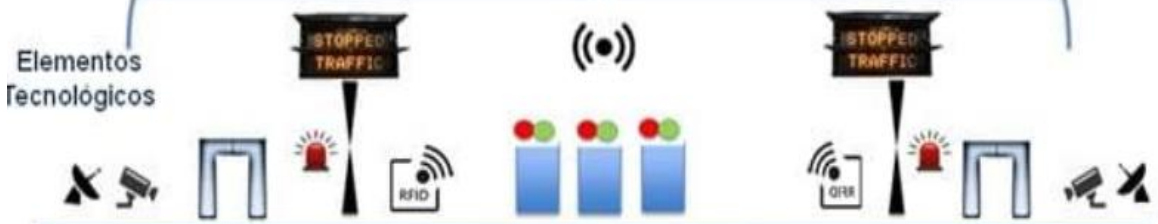
MIAD Philosophy

TECHNOLOGIES : Hardware /Software



INFRAESTRUCTURE

PROCES

AS IS

Problems

Change procedures and regulations

New facilities or Master´s Plans

Devices, equipment

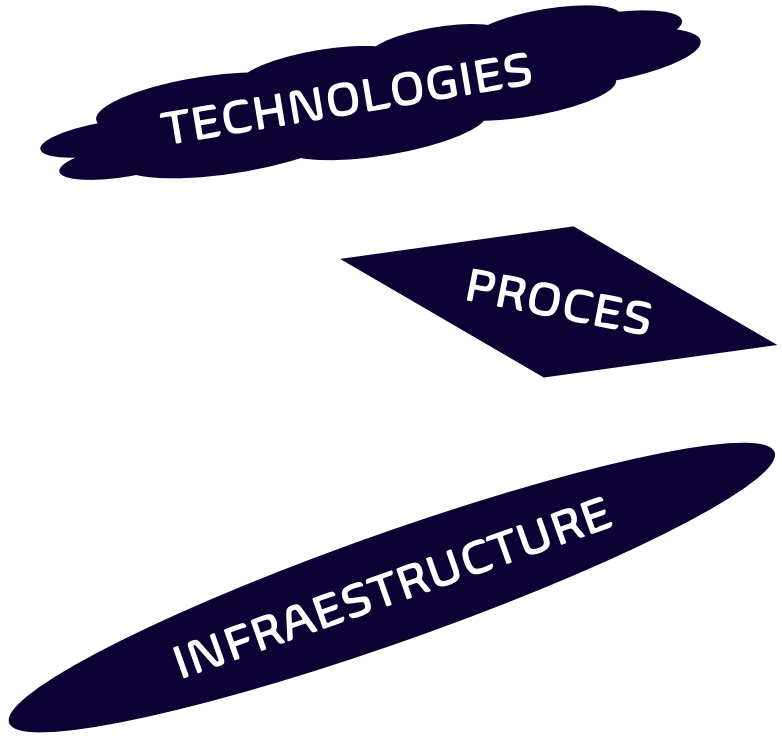
Systems Update

Training, HR

TO BE

Solutions

Without an integrated vision



Contribuyendo por el país que todos queremos

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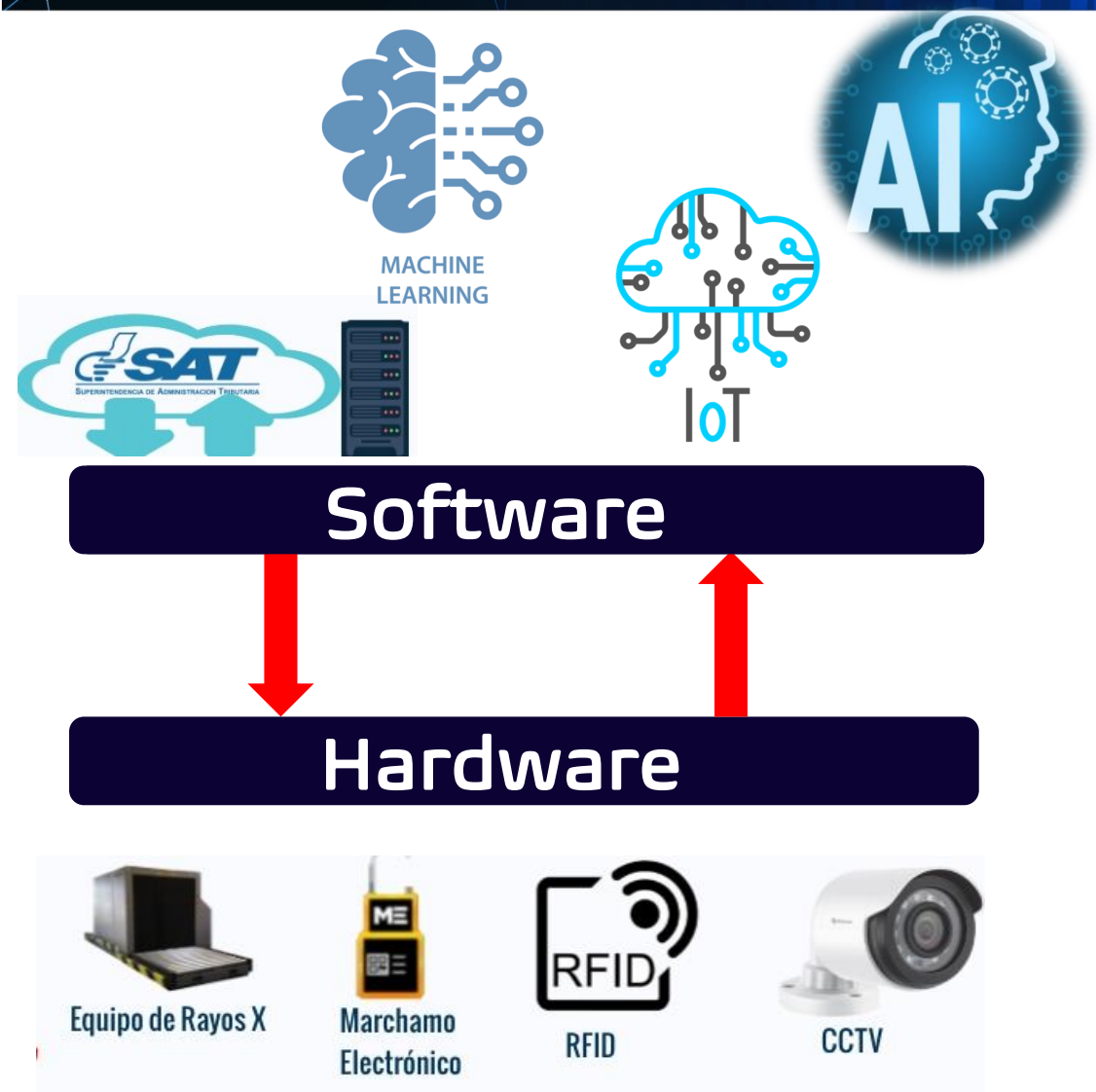
MIAD Philosophy



- Reduce human intervention
- Process Automation
- Transparency
- Articulate project
- Use data and information
- Utilize the human brain as a tool for innovation and thinking

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The NII Project in Guatemala

Local Monitoring Terminal 1 | Local Monitoring Terminal 1 | Local Monitoring Terminal 1 | Local Monitoring Terminal 1 | Local Monitoring Terminal 1

UFF National Centre

Working

UNIFIED FILE FORMAT DEVELOPMENT PROGRAM

HONDURAS

EL SALVADOR

UNITED STATES

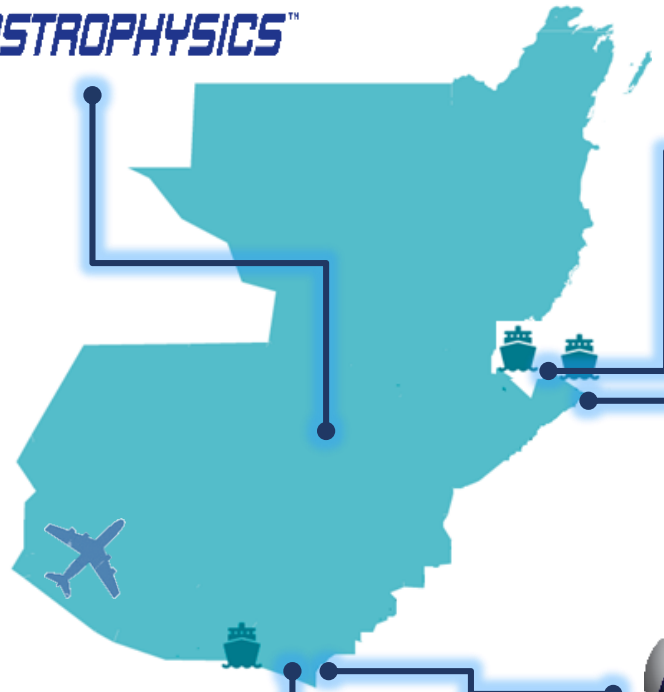
+

LPR + CCR

+

RFID

X rays implemented 5 Terminals



ASTROPHYSICS™

NUCTECH

Rapiscan systems

ASTROPHYSICS™

smiths detection

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Experiences with other technologies

ELECTRONIC SEALS

Use IoT, using satellite georeferences to monitor the means of transport

Data no used
Humans doing activities

RFID

RFID

Use of tag's attached to the means of transport for tracking

Moving to integrate techs

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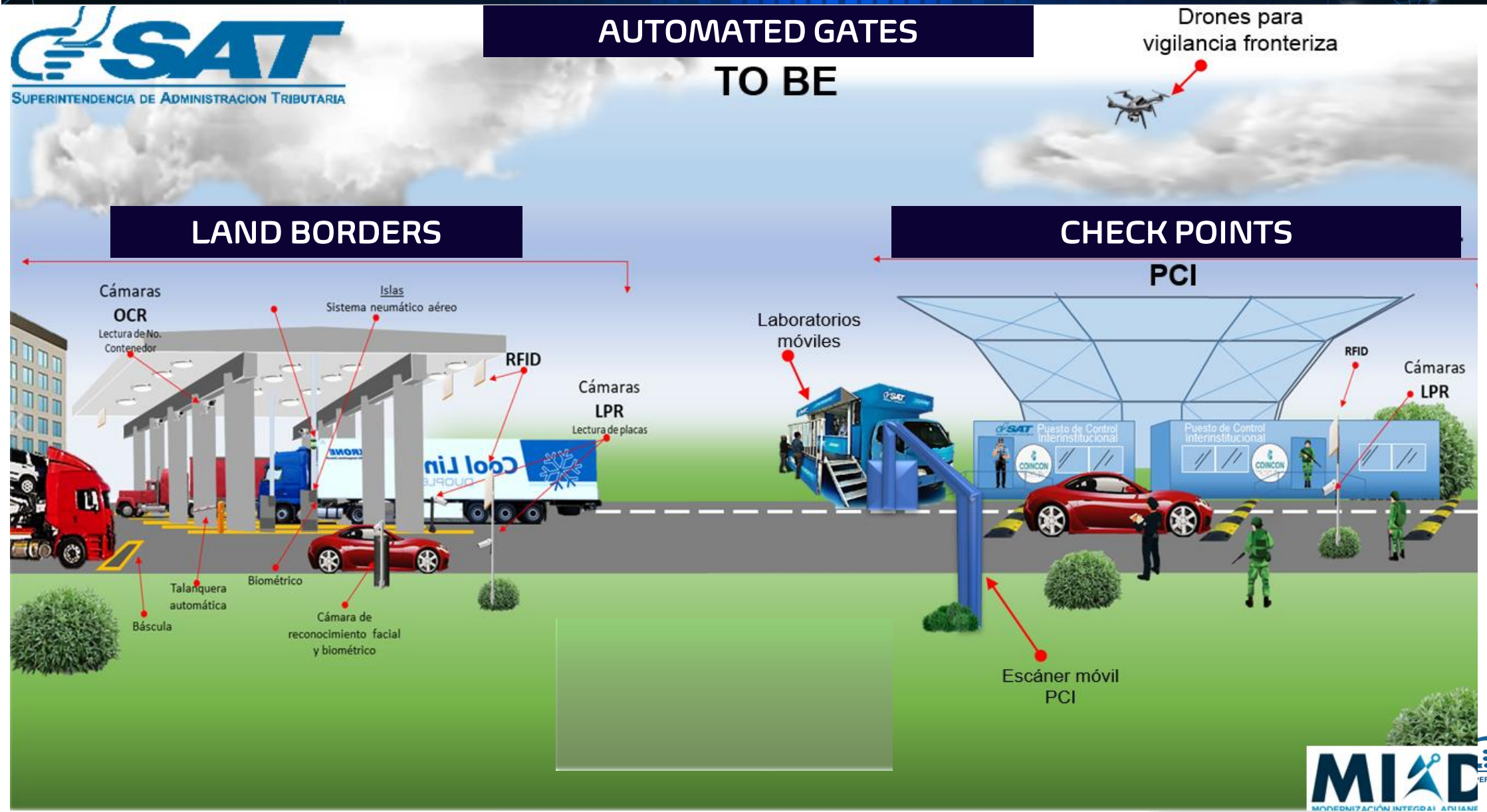
AUTOMATED GATES

TO BE



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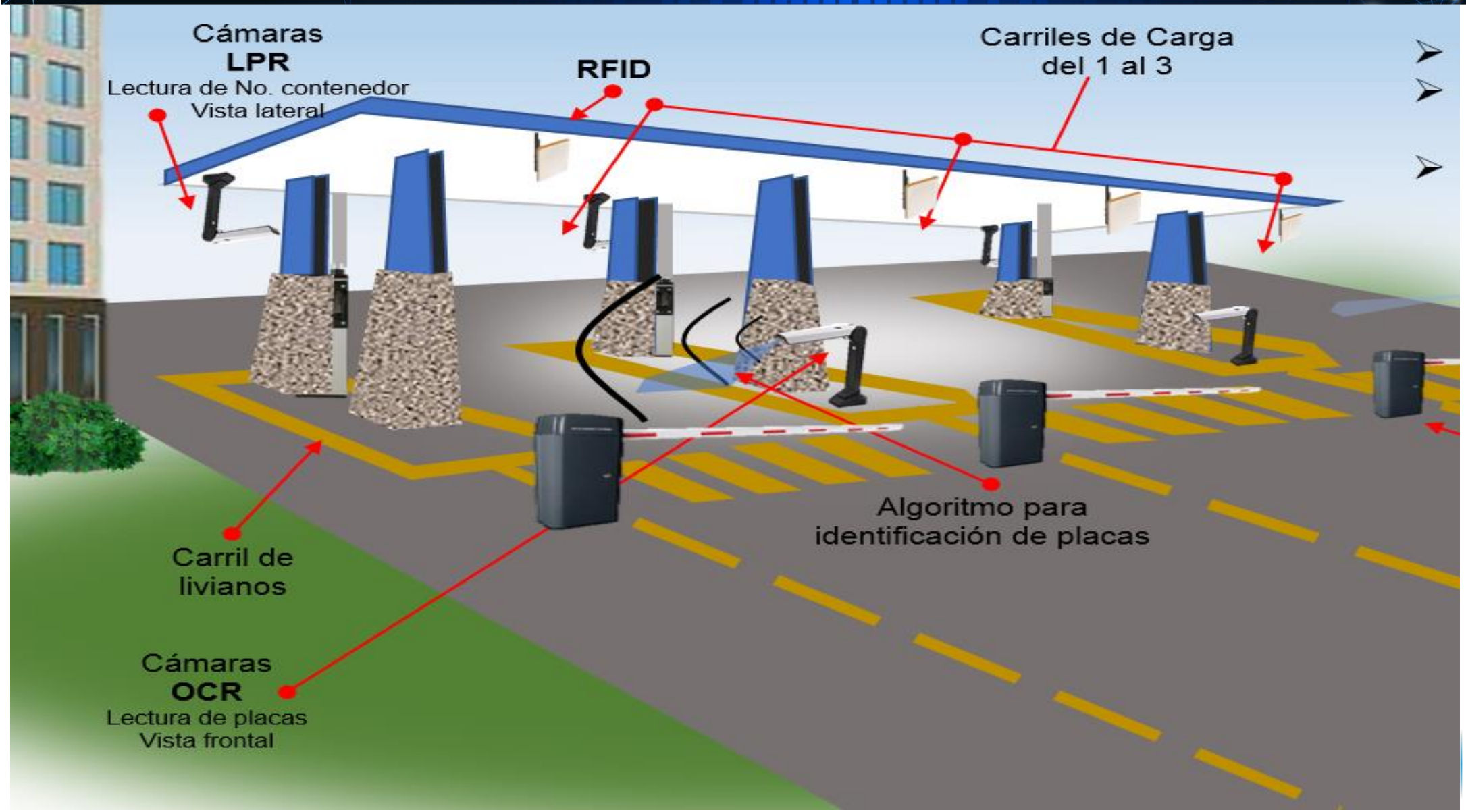
The automated gates



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Customs Risk System Renovation

NATIONAL INTEGRATED CENTRE

INTEGRATED SYSTEM

RFID

AI

IoT

BLOCK CHAIN
TECHNOLOGY

MACHINE
LEARNING

DATA MINING

Data sets | Pre-processing | Classification | Database | Statistics | Analytics | Evaluation

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Contribuyendo por el país que todos queremos

National Integrated Centre

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Visit Guatemala!