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CCI 2014 TC 16 I5CB 009

We Cross Borders

We Cross Borders

International Conference

Technical Project Summary
Anastasios Karavanas
Monday, October 30th 2023,
Thessaloniki



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Transfer of know-how for the organization of BCP.



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Management of project activities and cooperation of partners.



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Dissemination
and
communication
activities on
project actions
and results.



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Study of the specific needs of BCP, modernization, improvement of BCP.



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Greece - Republic of North Macedonia

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«Greece and Republic of North Macedonia border infrastructure development»

BENEFICIARY: Decentralized Administration of Macedonia-Thrace

PROJECT'S BUDGET: 1.389.067,50€

PROJECT DURATION: 02.04.2018-31.03.2022

DELIVERABLE: D4.1.2 Infrastructure and Works

DELIVERABLE'S BUDGET: 504.748,20€

The project is co-funded by the European Union and by National Funds of the participating countries



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Main Goal and objectives



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Main Goal

Development of cross-border cooperation between the two countries Greece -North Macedonia



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Objectives

Creation of new infrastructure at the border posts of both countries



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Specific Objectives



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Improvement of level of customs services at the border posts



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Specific Objectives

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Improvement of level of customs services at the border posts

Support the Customs Service through automated systems



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We Cross Borders

Improvement of level of customs services at the border posts

Support the Customs Service through automated systems

Enhancement of bilateral trade



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Specific Objectives

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We Cross Borders

Improvement of level of customs services at the border posts

Support the Customs Service through automated systems

Enhancement of bilateral trade

Increase of cross-border mobility



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Improvement of level of customs services at the border posts

Support the Customs Service through automated systems

Enhancement of bilateral trade

Increase of cross-border mobility

Improvement of the safety of tourists



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Specific Objectives

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We Cross Borders

Improvement of level of customs services at the border posts

Support the Customs Service through automated systems

Enhancement of bilateral trade

Increase of cross-border mobility

Improvement of the safety of tourists

Preventing and tackling illicit trafficking in drugs, weapons and fuel



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Support the Customs Service through automated systems

Enhancement of bilateral trade

Increase of cross-border mobility

Improvement of the safety of tourists

Preventing and tackling illicit trafficking in drugs, weapons and fuel

Tackling illegal immigration


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Enhancement of bilateral trade

Increase of cross-border mobility

Improvement of the safety of tourists

Preventing and tackling illicit trafficking in drugs, weapons and fuel

Tackling illegal immigration

More effective supervision and protection of the external borders of the EU



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Deliverables



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Deliverables

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Delivery 2.1.1: Project Leaflet

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We Cross Borders
Cross the borders with us

Cross the borders with us

We Cross Borders

Project



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...to meet the needs of the population in the border areas and contribute to the economic and social development of the region. The project is implemented by the Ministry of Internal Affairs of the Republic of North Macedonia and the Ministry of Internal Affairs of the Hellenic Republic.

1. aims of the cross border area

The cross border area is defined as the area between the Republic of North Macedonia and the Hellenic Republic. The project aims to improve the living conditions of the population in the border areas and to contribute to the economic and social development of the region.

2. description of the project

The project is implemented in the border area between the Republic of North Macedonia and the Hellenic Republic. The project aims to improve the living conditions of the population in the border areas and to contribute to the economic and social development of the region.

...to meet the needs of the population in the border areas and contribute to the economic and social development of the region. The project is implemented by the Ministry of Internal Affairs of the Republic of North Macedonia and the Ministry of Internal Affairs of the Hellenic Republic.

3. description of the project

The project is implemented in the border area between the Republic of North Macedonia and the Hellenic Republic. The project aims to improve the living conditions of the population in the border areas and to contribute to the economic and social development of the region.

...to meet the needs of the population in the border areas and contribute to the economic and social development of the region. The project is implemented by the Ministry of Internal Affairs of the Republic of North Macedonia and the Ministry of Internal Affairs of the Hellenic Republic.

4. what is "we cross borders"?

"We cross borders" is a project that aims to improve the living conditions of the population in the border areas and to contribute to the economic and social development of the region.

5. objectives of the project

The project aims to improve the living conditions of the population in the border areas and to contribute to the economic and social development of the region.



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Delivery 3.1.1: "Transfer of Knowledge"

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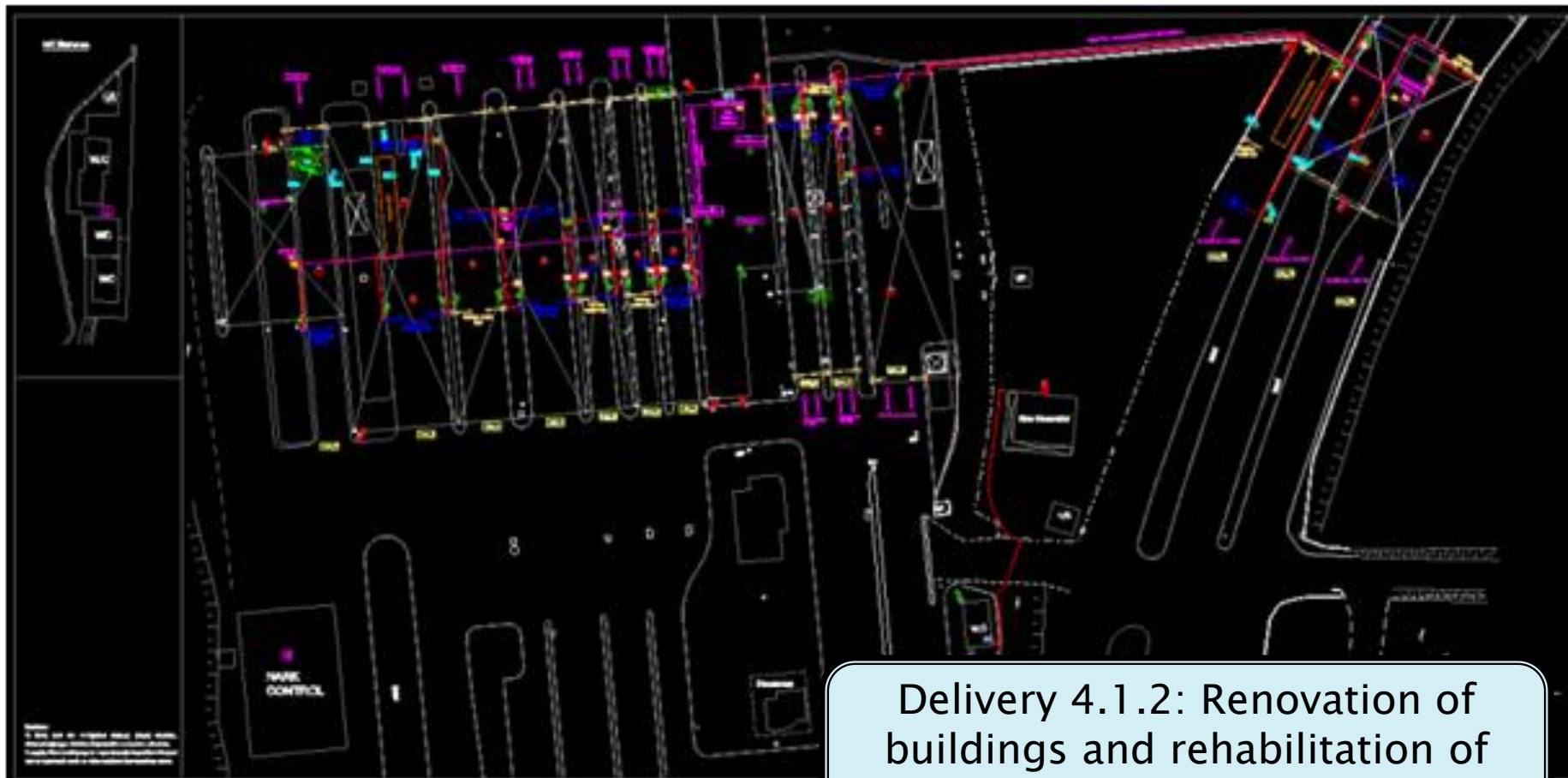
Deliverables

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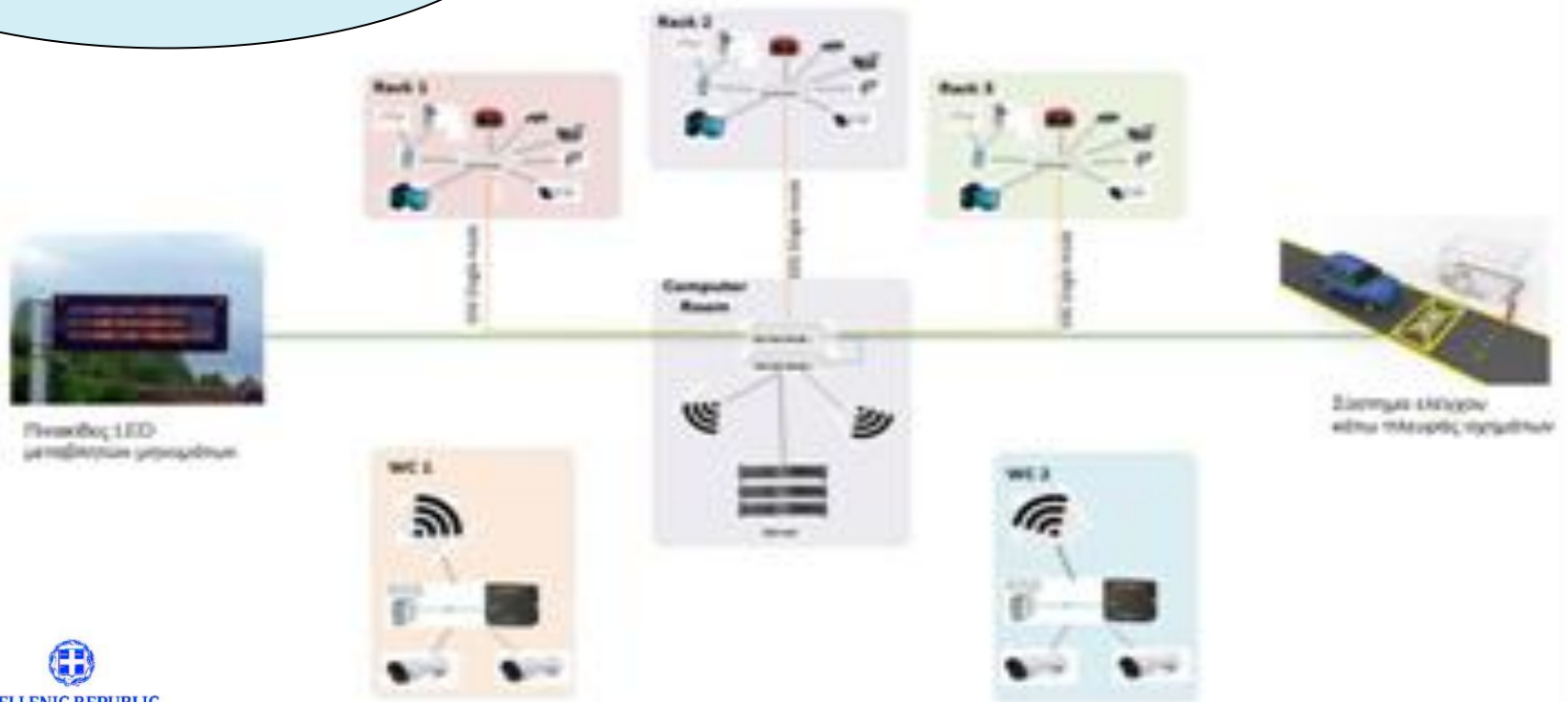


Delivery 4.1.2: Renovation of buildings and rehabilitation of surrounding area

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Network Architecture

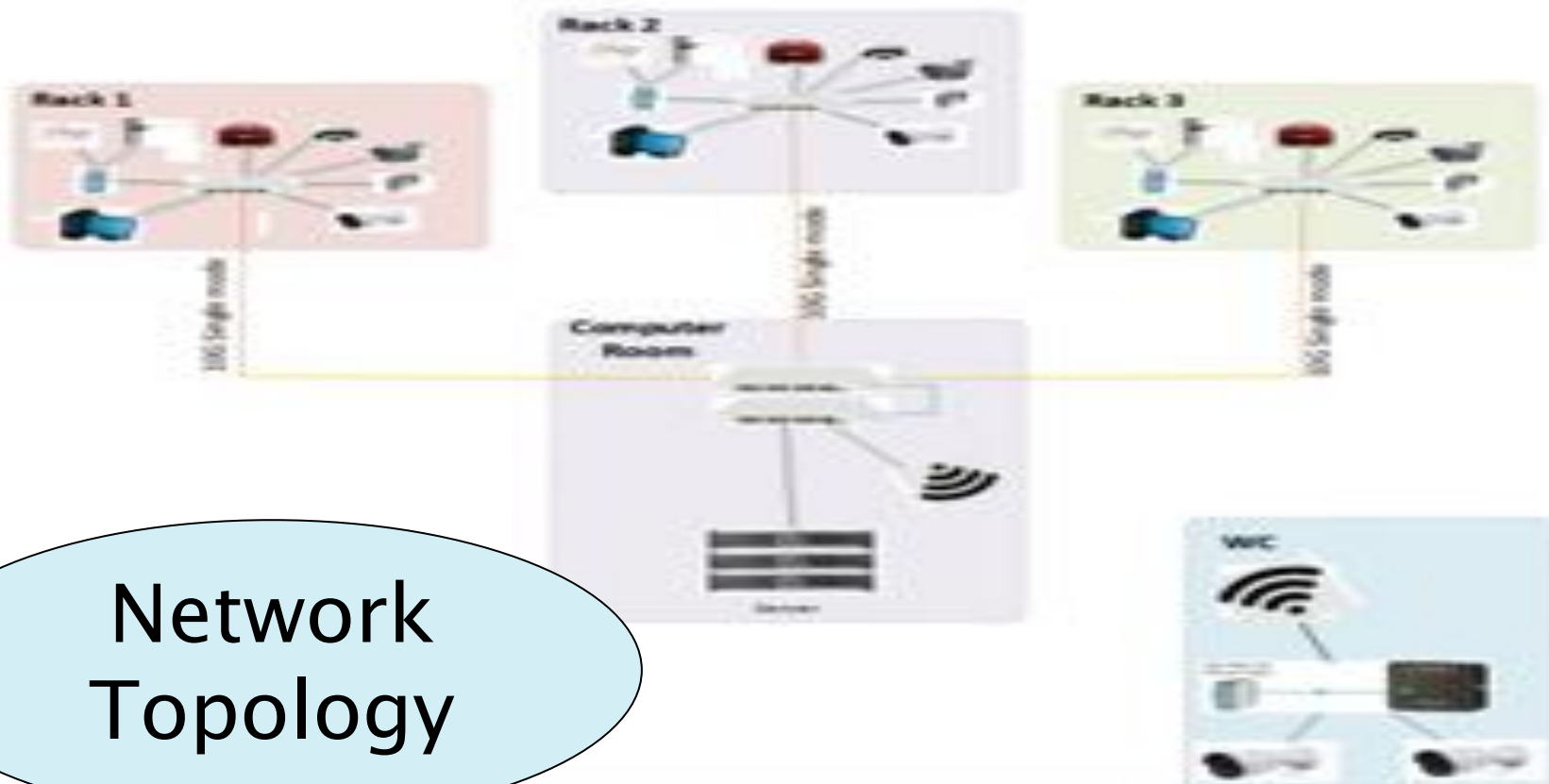


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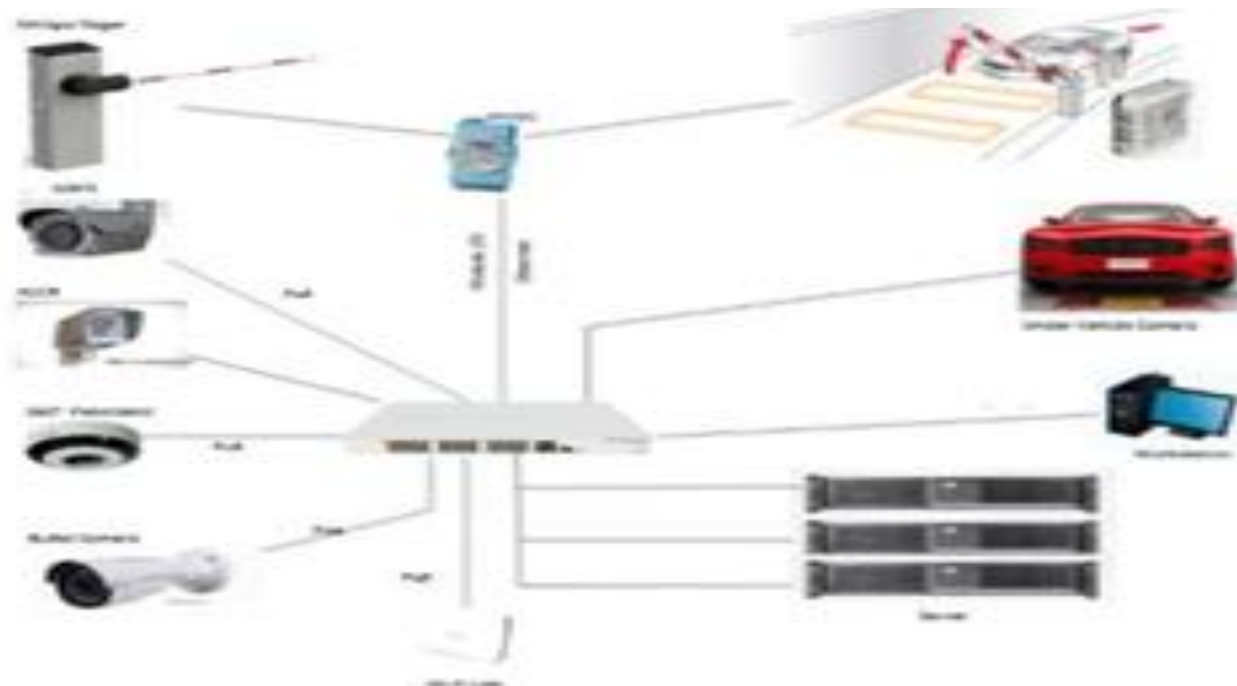


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Τοπολογία υλοποίησης δικτύου του απορριπτικού σταθμού Ευζώνικης



Network
Topology



Network Connection Topology

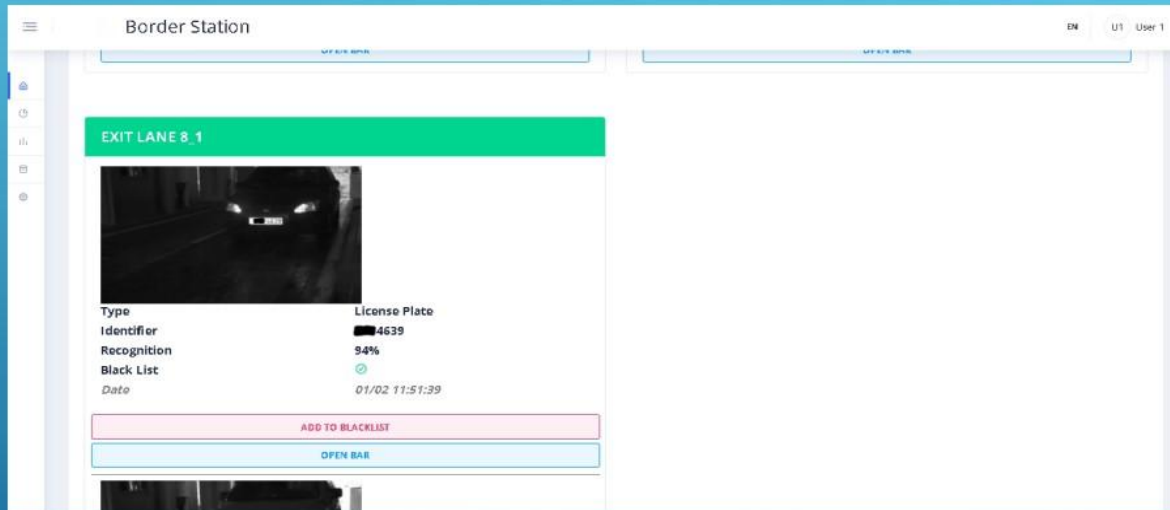


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LICENSE PLATE REGISTER USING ANPR CAMERAS



Throughout the interface an employee is able to see the license plate and its corresponding snap of the vehicle.

In addition, with a click of a button the user could add the particular vehicle to a black list or even open the bar manually.





SCREENS INFORMING DRIVERS AND CUSTOM EMPLOYEES

After the successful register of the license plate, the system checks if the plate is in a black list. If it is, a discreet message is shown for the employees and the bar is locked and if it is not a welcoming message appears and the bar automatically opens.



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EASY TO USE WEB INTERFACE



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CONTAINER CODES REGISTER



The system is capable of recognizing both license plates and container codes and register them in order to cross check them with the block list.



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But how was all this implemented?



Equipment and Infrastructure

A/A	Είδος εξοπλισμού	Rack 1 (Lane 7)	Rack 2 (Lane 4)	Rack 3 (Lane 12)	Computer Room	WC 1 (Είσοδος)	ΣΥΝΟΛΟ
1	CCTV Bullet	2	0	2	1	2	7
2	CCTV Panoramic	3	4	2	5		14
3	ANPR camera	3	8	3	8		22
4	ACCR camera	9	0	6	0		15
5	CCTV Under Vehicle	1	0		0		1
6	TFI	0	6	3	6		15
7	Adam	2	2	3	3		10
8	WorkStation	1	1	1	3		6
9	Ασύρματη Μονάδα	0	0		2	1	3
10	LED Panel	0	0		2		2
	ΣΥΝΟΛΟ	21	21	20	30	3	95



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Equipment and Infrastructure



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Equipment and Infrastructure

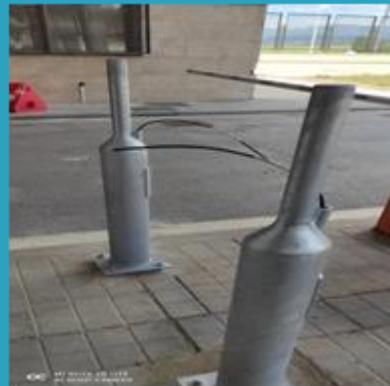


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Equipment and Infrastructure



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How does the system work?



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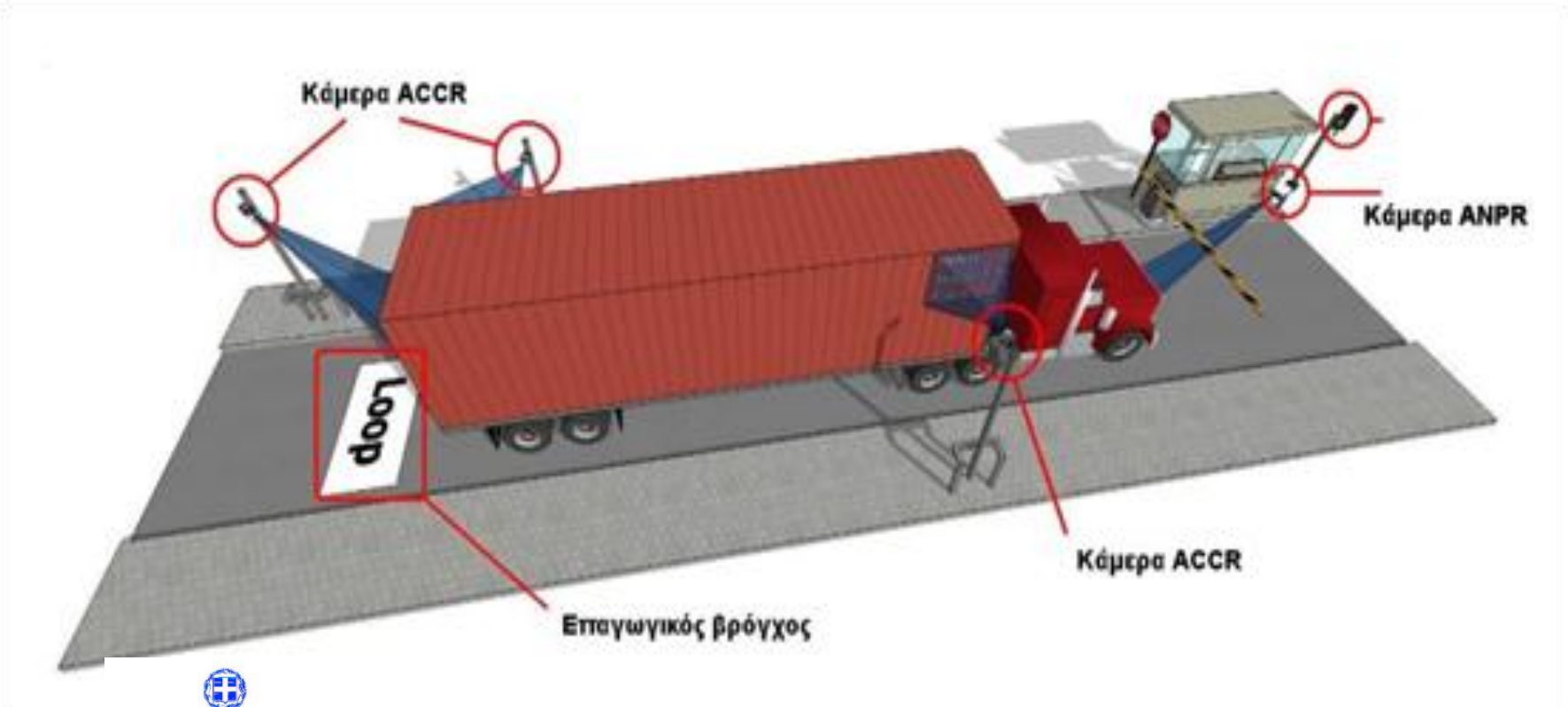
How does the system work?

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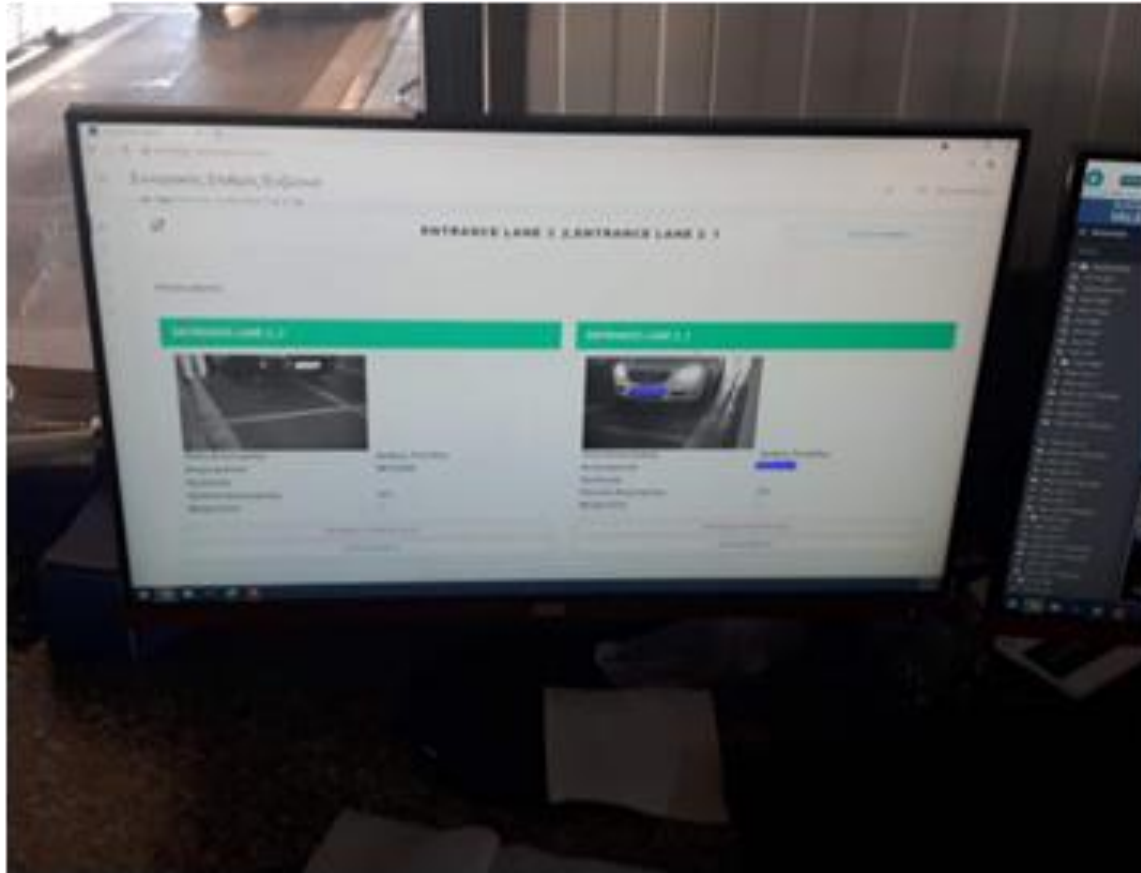
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How does the system work?

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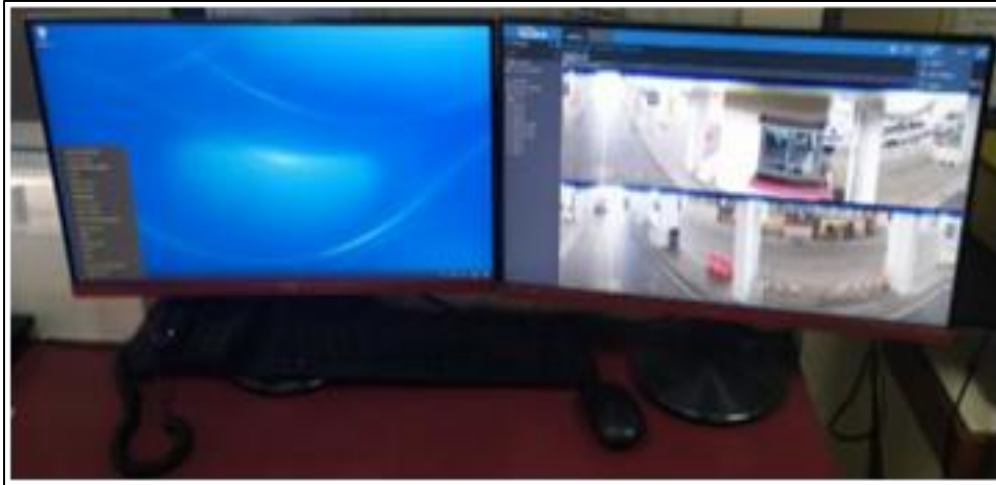
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In the end, what did we achieve?

Previous state:

- Only a small % of vehicles was being audited through passing the BCP
- Delays & unavoidable free passing



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In the end, what did we achieve?

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Current state:

- Up to 95% of audited vehicles
- Time Indicator of passing through Customs down to 15 sec
- Less delays & universal recorded vehicles even with free passing without employee's interference
- Increased safety of tourists
- Tackling illicit trafficking of drugs, alcohol, money, fuel and illegal immigrants
- More effective supervision



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Bugs & Improvements

- Computing power of the system
- Software update
- Correct use by user employees
- Proper maintenance of mechanical equipment

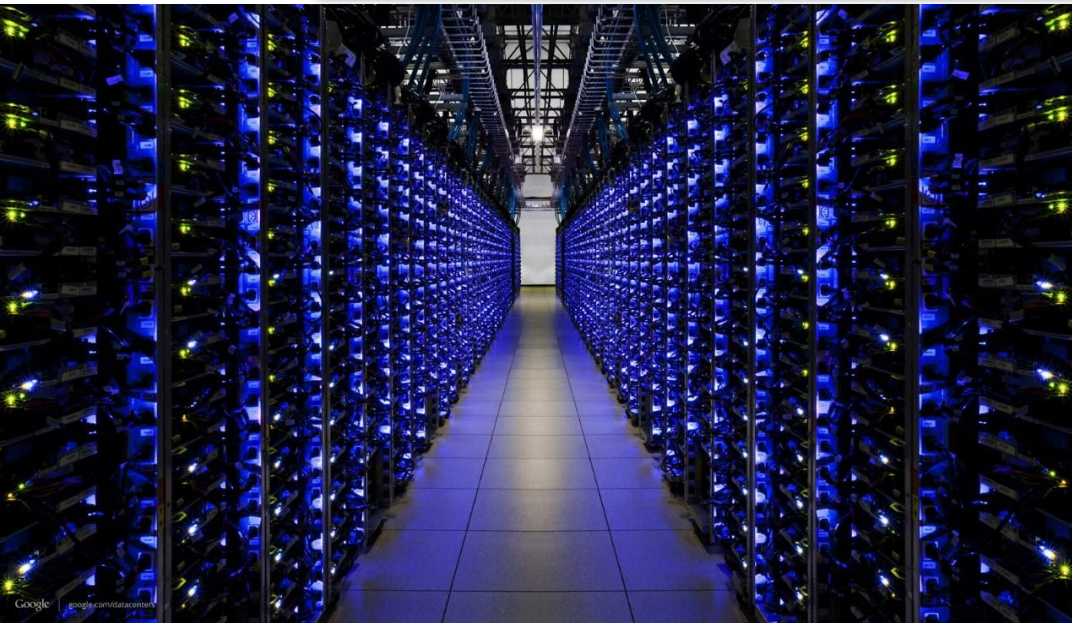


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Future Goal and objectives

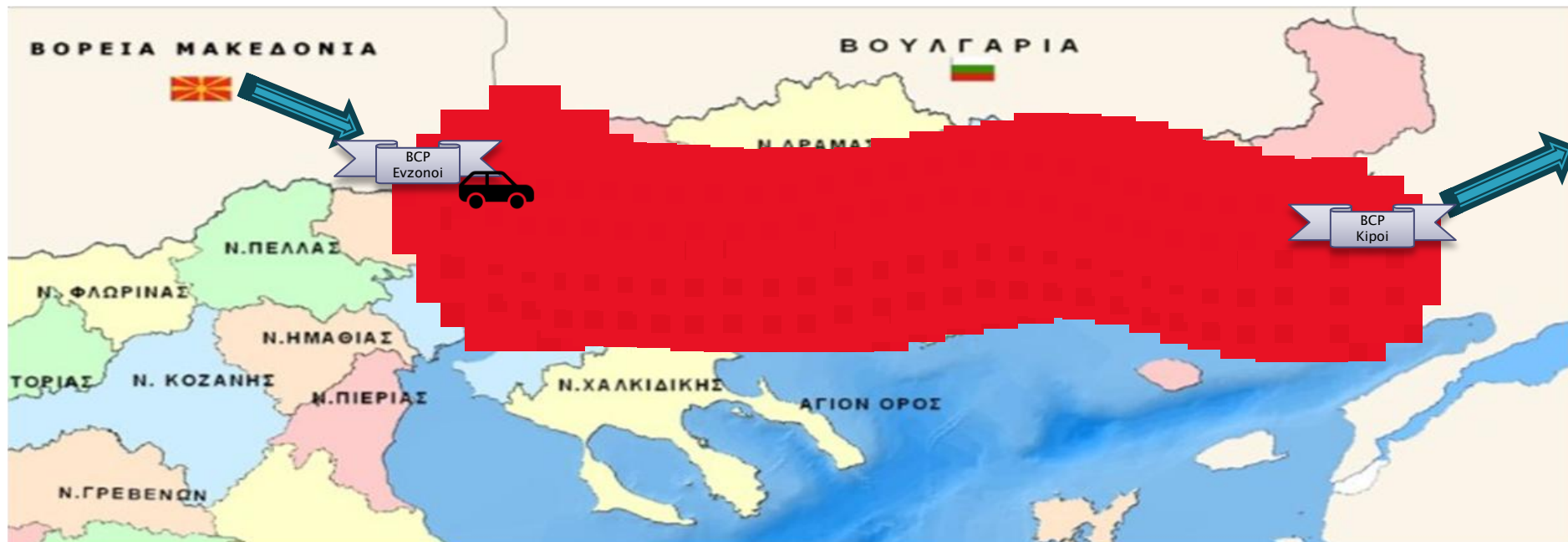


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Future Goal and objectives



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Thank you for your attention!!!



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