



SMART STATIONS IN SMART CITIES

6th International Conference on Railway Stations

Madrid, 19-21 OCTOBER 2017



CYBERSECURITY IN RAILWAY STATIONS

Miguel Ángel Garrido.
Deputy Director for Information Security
1B Security and Privacy

UNDER THE HIGH PATRONAGE OF



ORGANISERS



CYBERSECURITY



Definition

Set of activities for the protection of cyberspace against unauthorized access, securing the technological environment infrastructures, its services and information.



Legal Framework

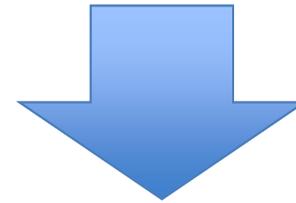


National Security Scheme
National Cybersecurity Strategy
Law and Bylaw of Critical
Infrastructures Protection.
NIS Directive
LOPD-GDPR(Personal Data
Protection Law and Bylaws)

RAILWAYS NETWORK



CRITICAL INFRASTRUCTURE





RELIABILITY

EFFICIENCY

SECURITY

CONFIDENCE



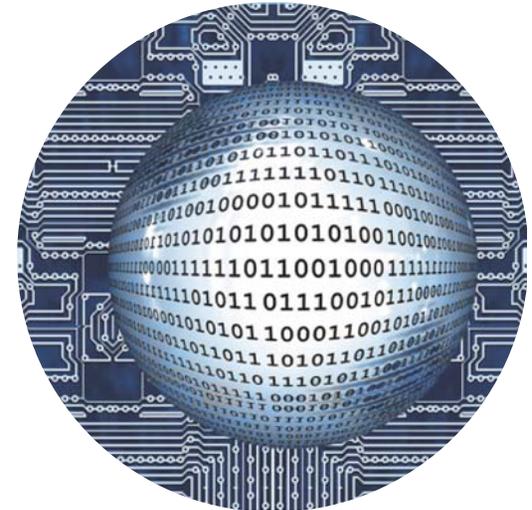
Objectives of Cybersecurity



Availability



Confidentiality



Integrity

Digital transformation reaches organizations.



This means information technology is deployed over all organizations' processes and activity areas.

It is not an option, it is organizations' survival

...What are its implications?

- Technological dependence.
- Rise of IT costs
- New Management Model.
- Cultural Change.

and especially ...

- **High technological risk for business continuity**

demands

✓ **Strict observance of Cybersecurity Measures**

✓ **Monitorization and control of IT environments**

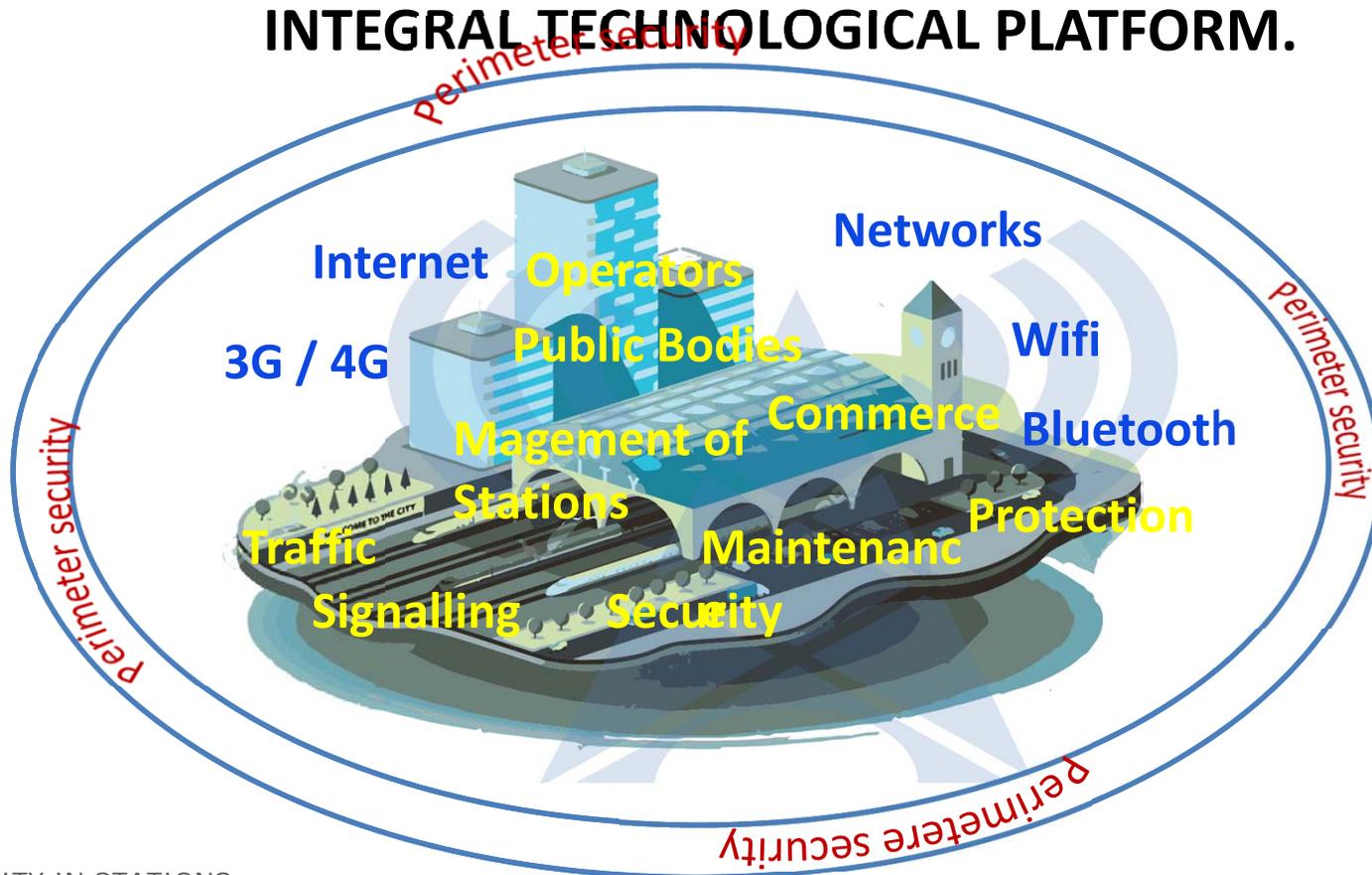


Smart Stations.

- Railway
- Offices
- Travelers
- Shopping/leisure
- Parking Lots.
- Public Transport Hubs.



INTEGRAL TECHNOLOGICAL PLATFORM.





THANK YOU
GRACIAS

miguelgarrido@adif.es



UNDER THE HIGH PATRONAGE OF



ORGANISERS

