SHARING ABOUT CYBERSECURITY ON ROLLING STOCK PROJECTS

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CYBERSECURITY – AN INTEGRATED TOPIC

Integrated safety and security

A pillar around notably operational safety, safety of persons, or physical security / protection …

IT

&

OT

New fleets

NEW
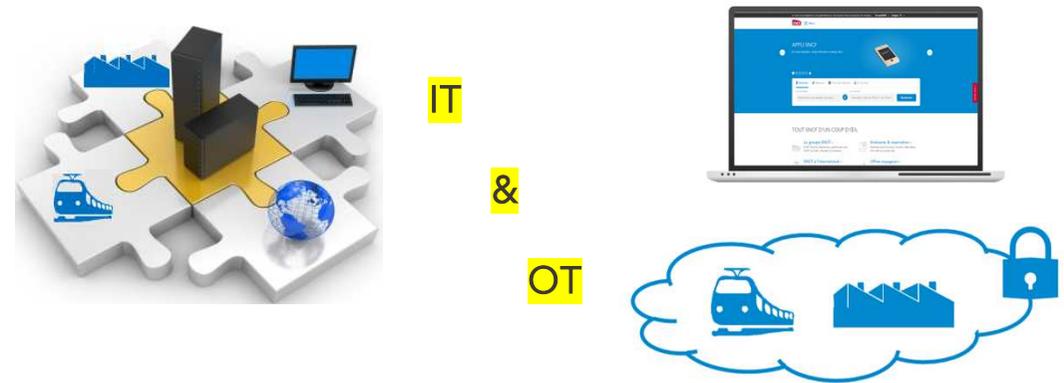
Modifications projects

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CYBERSECURITY BASIS

Integration of cybersecurity in our projects

Internal process

Security requirements

ISO/IEC 27005
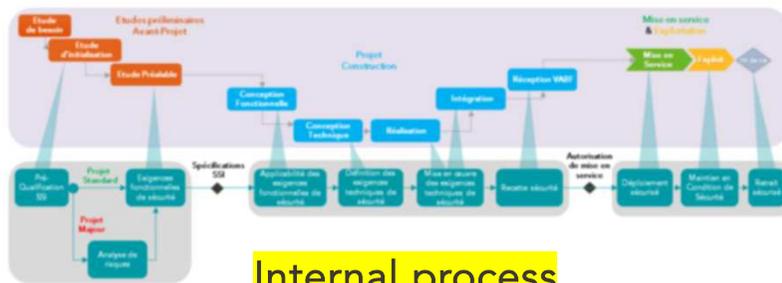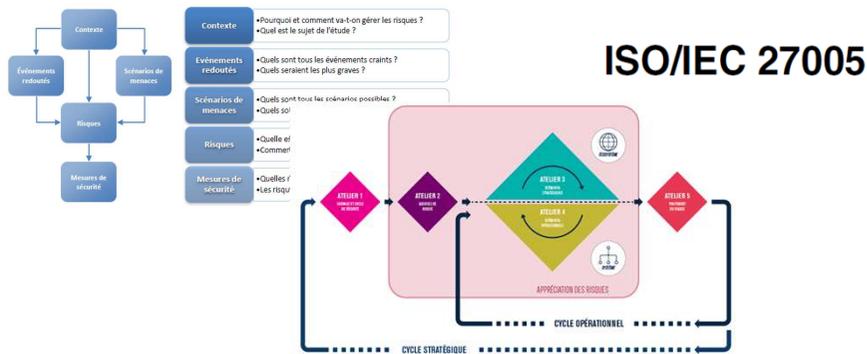
And/Or public methodologies

IEC 62443-3-3
Edition 1.0 2013-08

INTERNATIONAL STANDARD

TECHNICAL SPECIFICATION   CLC/TS 50701
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION   July 2021

ICS 35.030; 45.020

English Version

Railway applications - Cybersecurity

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CYBERSECURITY BASIS

Major principles & points of attention
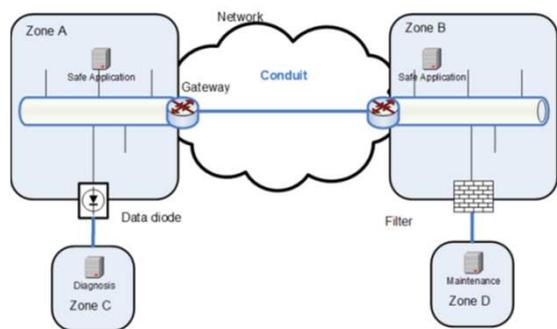
Zones
&
Conduits
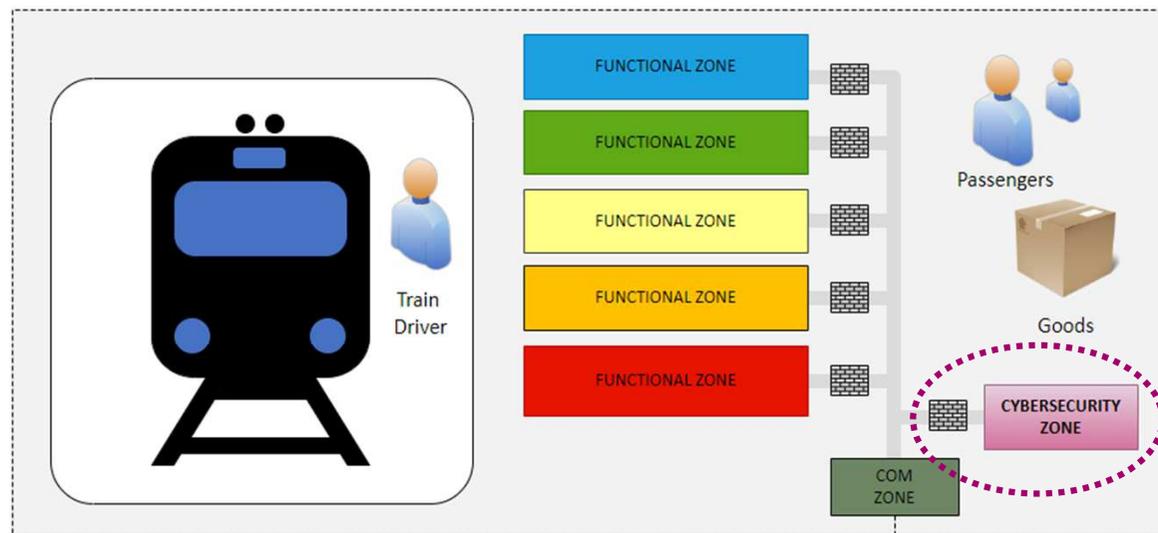
Wireless

Maintenance access

CYBERSECURITY CHALLENGE

Maintain in secure conditions

Asset inventory & Cartography

Strategy

=

CyberCritialAsset

+

Objectives & rhythm

+

Rules
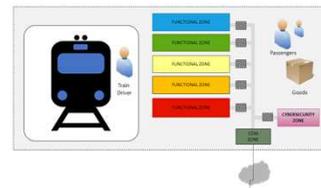
Modular architecture
=> Easier to patch

Regularly pentest

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OTHER STRATEGIC ORIENTATIONS
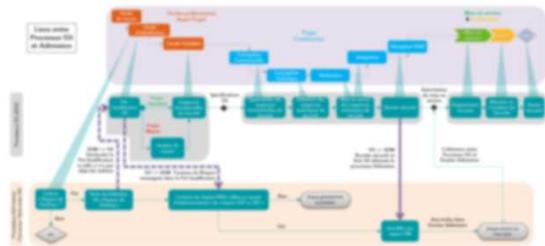
Link the security process with the authorization process

Internalization of penetration testing competencies

TS50701

NEW

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Thank You!

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