

Digital Construction

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Security challenges for construction companies



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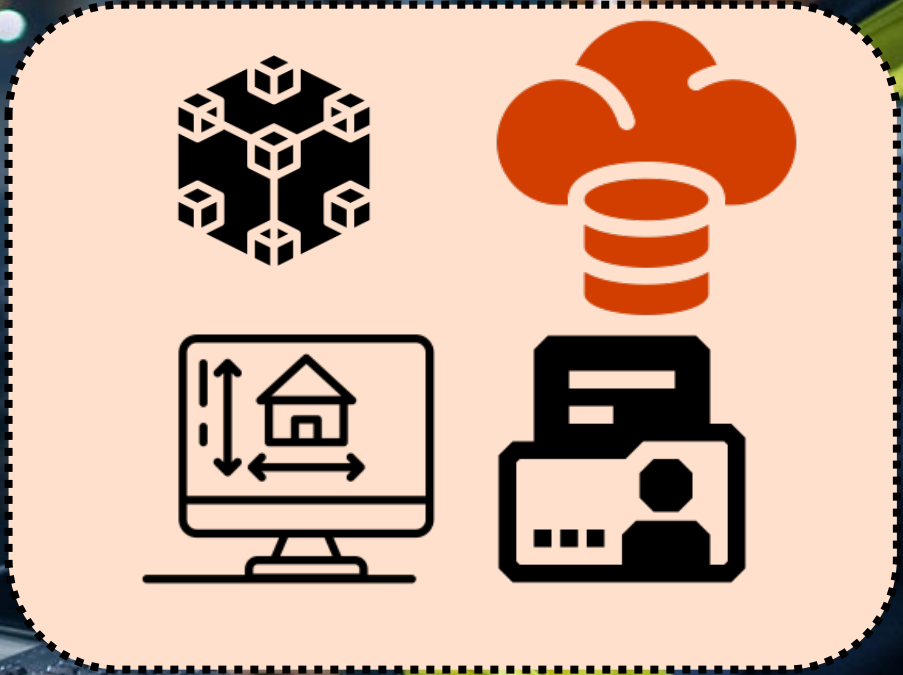
Introduction by
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As other industries, construction industry evolves and embrace **new technologies**



This evolution
is leading to new challenges



Why **cyber crime** is a threat for the construction sector?



Link with public sector

- Number of public funded projects is important for the construction industry



Weak target

- Relatively immature
- Mobile device and digital tool access is extended



Holding vast amount of valuable data

- Employees, subcontractors
- Tender information
- Property plans



Weight in national economy

- ~5.5B€ GDP
- Potential impact on national economy is important
- Employment

Despite late digital transformation vs some other sectors, construction industry is already under the spotlight

3rd industry reporting ransomware attack in the last year

(source: Safety detectives)

Cyber security for construction industry
is also a matter of **human security**

Human security



“La sécurité c’est la priorité de tous.”
Les Entreprises Louis De Waele

Be inspired by experience in human security to address the cyber security threat lifecycle



Anticipate



Identify



Protect



Detect



Respond

General recommendations to address cyber security challenges for construction companies



Weakest link is people

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95% security incidents result from a human error

Educate your staff about cybersecurity using specialized training, real-life examples, and tests

Enforce strict password management

Restrict privileged access

Outline hardware and software policies and guidelines

Set rules upon your firewall to block access to malicious websites

Update software and firmware to ensure the utmost protection

Audit your systems

Thank you !

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