Seizing the Opportunities of Digitalisation

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Digitalisation is already having a huge impact on our industry and this trend will continue to grow in the future.

Cybersecurity, the Internet of Things (IoT) and Artificial Intelligence (AI) are crucial issues for our sector. We and our customers need to take them carefully into account when planning for the future.

All participants in the value chain need to be sensitised to the importance of increasing resilience in the face of cyber-attacks.

At the same time, the potential of AI needs to be carefully assessed to maximise opportunities this technology offers.
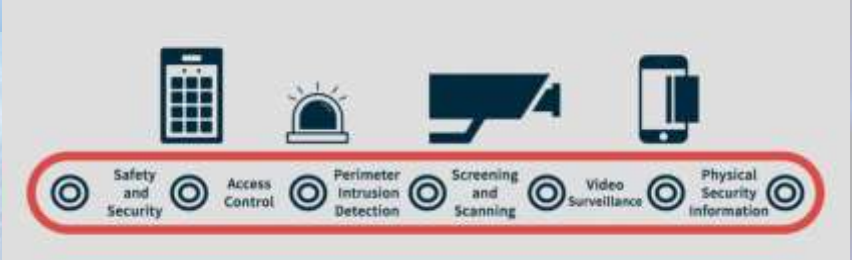
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The cloud is becoming foundational to many emerging security applications, including mobile credentialing involving Near Field and Bluetooth communications, with the Internet of Things (IoT) poised to come on strong as still another disruptive technology within the physical security space.

In spite of the fear of security breaches, companies will need to gravitate toward IoT security-enabled physical security, or cloud-based access control, in order to compete and stay "future ready." They don't want to risk putting anything on their network if safeguards are not in place"

Source: Physical security journalist Deborah O'Mara
https://www.getkisi.com/blog/secure-iot-physical-security-whitepaper-free-pdf-download

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When considering that users' inability to protect and manage passwords causes over 90% of cyber attacks, it is evident that our current Identity and Access Management (IAM) approach which mostly uses passwords for authentication cannot support the security of the future state where many devices will be interconnected.

… There will be no more passwords to access systems or badges to enter buildings.

Smart systems will be able to recognize and greet us using some of our personal and distinct features when we… enter office locations, ... and access business systems.

Identity management and **artificial intelligence** will revolutionize security beyond people, places, and things that we manage today as increasing number of devices and systems will communicate with and learn from one another without human intervention.

For example, …fire detection systems will contact the fire department and other nearby households in case of fire…. Almost everything will have an identity which will change today's definition of identity theft.

Source: The Future of Identity and Access Management
https://www.identitymanagementinstitute.org/the-future-of-identity-and-access-management/

We urge the EU institutions to work with us in the following areas:

- **Make rapid progress on a Europe-wide voluntary certification mark** (quality label) that shows that all reasonable protection measures against cyber-attacks have been taken

- **Advance work on standards** for cybersecurity, IoT for fire & security systems, and Building Information Modelling (BIM)

- **Promote education**

Euralarm is :

- **Keeping informed** on new technological, organisational, and business model developments and sharing this with our members

- **Participating in committees working on these subjects** as we are now with BIM, Cybersecurity, Remote Services…

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