



Industrial Security - EU Updates

The 3rd RRI Industrial IoT International Symposium for Connected Industries

Thomas Walloschke

Fujitsu Technologies Solutions GmbH

Director, Fujitsu Distinguished Engineer

AIOTI, Chairman of WG11 Smart Manufacturing Industry



"Evolving norms, improving harmonisation and building resilience"

Excerpt from the speech by **Vice-President Ansip**

at the [Chatham House](#) annual cyber conference on 26 June 2017

"...Cyber-attacks on critical infrastructure - manufacturing plants, power grids, chemical plants, transport and water systems, financial networks, even nuclear facilities – are the new reality..."

"... Cybersecurity is now at the top of the list of business risks - and not just for the financial sector. It affects every one of us..."



Cybersecurity and Society in Europe

Awareness and Insights of European Citizens



45% installed or changed antivirus software



35% are opening emails only from known sources



61% admit that security and privacy features play a role



27% are willing to pay more for this



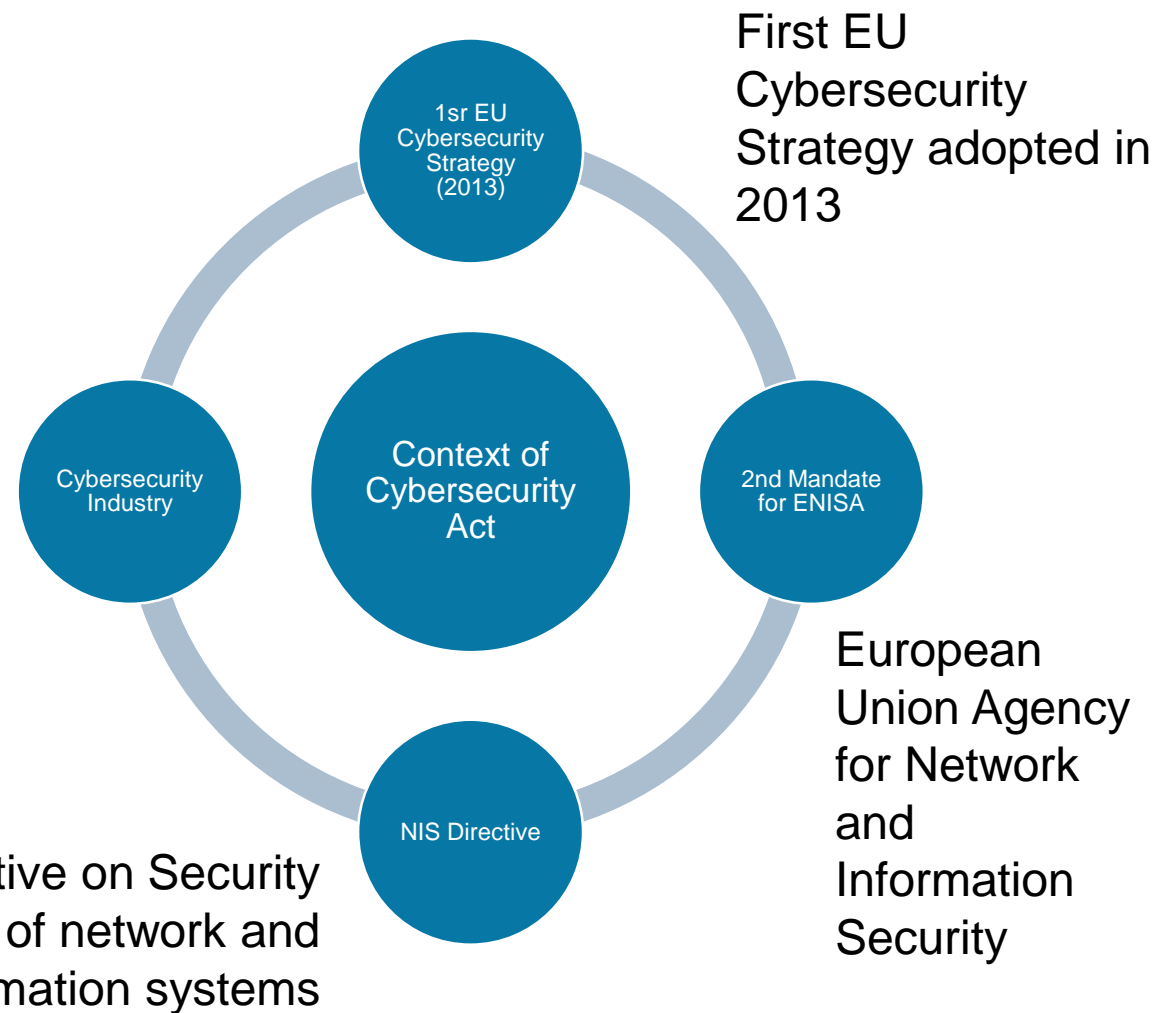
Cybersecurity Act

REGULATION on

- ENISA, the "EU Cybersecurity Agency"
- repealing Regulation (EU) 526/2013
- Information and Communication Technology cybersecurity certification

2016: adopted Communication on Strengthening Europe's Cyber Resilience System and Fostering Competitive and Innovative Cybersecurity Industry

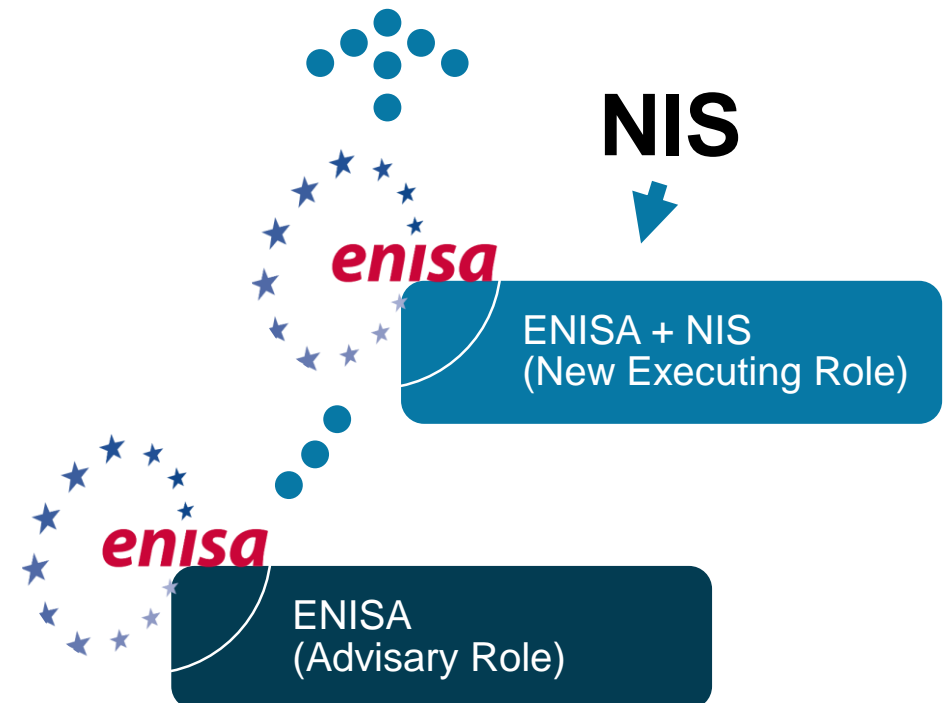
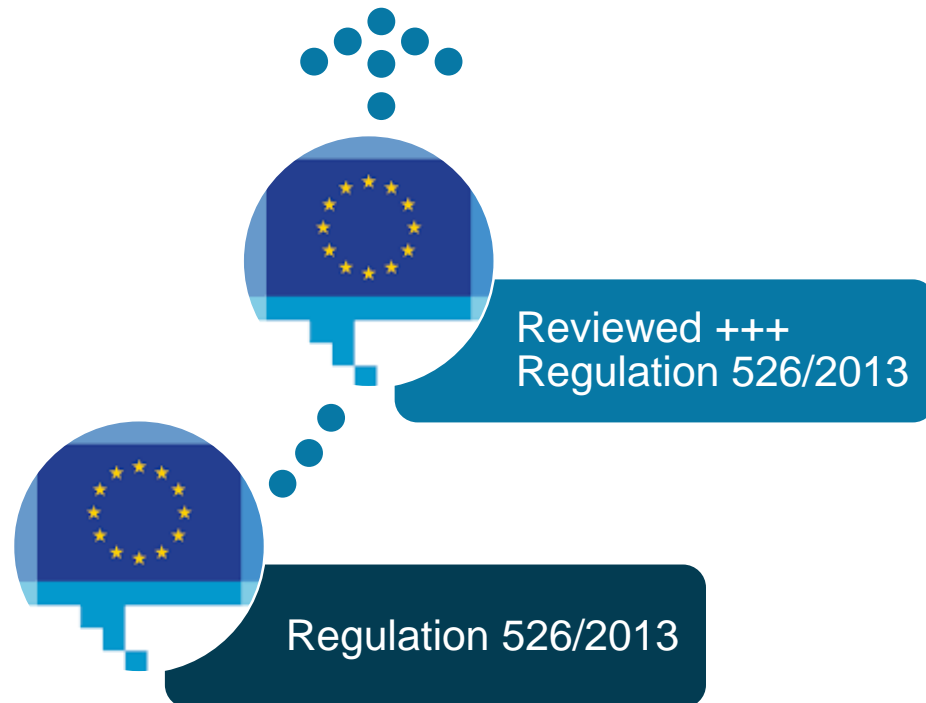
Directive on Security of network and information systems





Cybersecurity Act - Action Points

- Evaluation and Review of Regulation (EU) No 526/2013
- Repealing ENISA Regulation





Cybersecurity Act – Focus Areas

- NIS Directive
- IoT Security
- Certification Framework

NIS Directive

- risk management
- security requirements as legal obligations for key economic actors
- essential services (Operators of Essential Services – OES)
- Regulates on key digital services (Digital Service Providers – DSPs).

IoT Security

- seen as essential to safeguard digitalisation and
- connected devices (the Internet of Things – IoT)

Security certification

- for ICT products and services
- increase trust and security in the digital single market
- ICT cybersecurity certification for connected and automated cars, eHealth, industrial automation control systems (IACS)