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## The proactive face of cybersecurity – certification: legislation and market response

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### **Abstract**

In fulfilling the Union's objectives presented in the Cybersecurity Act, the first European cybersecurity certification scheme is just around the corner. The EUCC scheme (Common Criteria-based European candidate cybersecurity certification scheme) encompasses ICT products cybersecurity certification based on the Common Criteria and the Common Methodology for Information Technology Security Evaluation and corresponding standards, ISO/IEC 15408 and ISO/IEC 18045, respectively. The Common Criteria have proven particularly efficient in the last two decades in Europe for the certification of chips and smartcards and have therefore contributed to enhancing the level of security of many ICT products such as electronic signature devices, machine-readable travelling devices (passports), banking cards and digital tachographs. Poland is one of 8 countries in EEG fully prepared to evaluate ICT products and issue certificates under the EUCC umbrella. The Polish certification structure consists of one accredited certification body issuing cybersecurity certificates and two accredited testing laboratories, of which the leading and most advanced one is part of the National Institute of Telecommunications (NIT). The testing laboratory in NIT has performed the most challenging evaluations in the Polish scheme. Unique capabilities of NIT's ITSEF will be discussed during the presentation.