CHALLENGES AND INTERRELATIONS BETWEEN SECURITY AND ACCESSIBILITY IN ELECTRONIC SYSTEMS

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Abstract. *This article examines the challenges and interrelations between security and accessibility in modern web-based ICT solutions that function as primary channels for access to information, education, and public services. With the increasing reliance on online platforms, the significance of these aspects becomes ever more critical. The paper analyzes the application of the Web Content Accessibility Guidelines (WCAG 2.1), developed by the World Wide Web Consortium (W3C), in the context of the European Accessibility Act (Directive (EU) 2019/882). It discusses the impact of accessibility requirements on website security, exploring potential conflicts and opportunities for integrating both dimensions. The focus is placed on achieving a balanced approach that ensures data protection, functional resilience, and equal access to digital resources for all users.*

Key words: Security, Accessibility, ICT Solutions, WCAG 2.1, European Accessibility Act, Cybersecurity, Data Protection, Sustainability.

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