

6TH INTERNATIONAL STUDENT CONFERENCE ON LOCAL SAFETY AND SECURITY

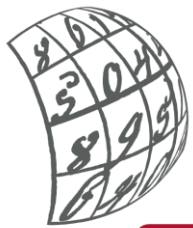


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ARRS

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MEASURES FOR ENSURING CYBERSECURITY ON A LOCAL LEVEL

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What is cybersecurity (CS)?

- System security
- Intrusion prevention
- Threat detection
- Data protection
- Protection of critical infrastructure
- Ensuring the overall security of all devices



Why is CS so important?

- Protection of personal data
- Protection of financial information
- Protection of critical infrastructure
- Maintaining public trust and community reputation



Types of cyberattacks

- Phishing attack
- Malware
- Distributed Denial of Service (DDoS)
- SQL injection attacks
- Man in the Middle (MitM)
- Password attack
- Social engineering
- Spoofing
- Drive-by downloads
- Ransomware



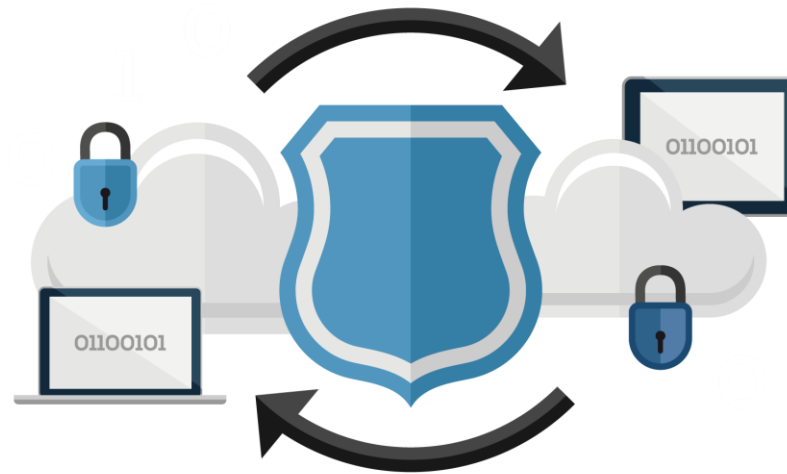
Targets of cyberattacks in local communities

- Small businesses
- Individuals
- Health care providers
- Local authorities
- Educational insitutions



Measures to ensure CS

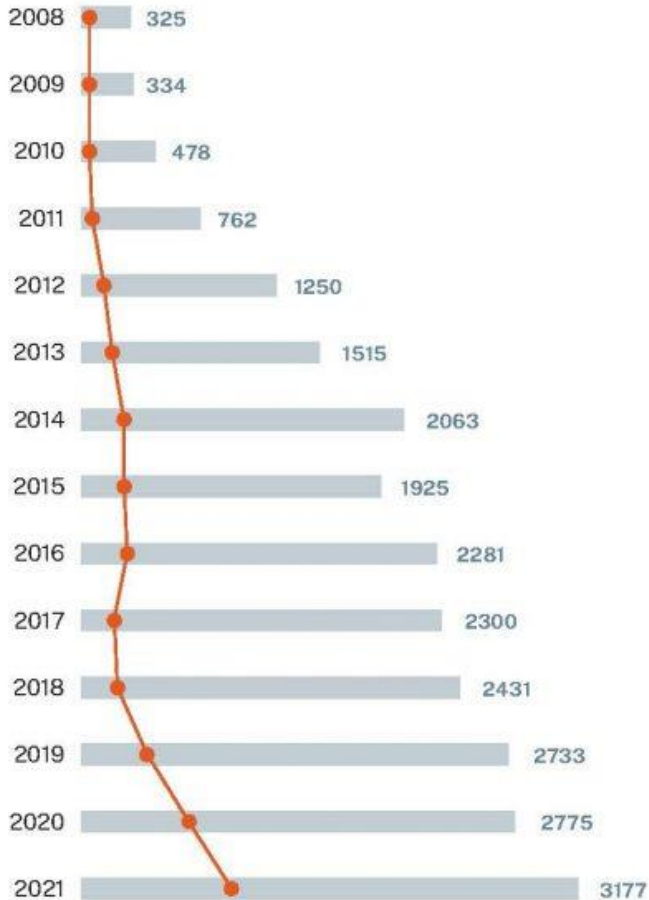
- Strong passwords
- Network security implementation
- Employee education
- Data encryption
- Regular software updates
- Access control
- Two-factor authentication
- Plan in case of crisis



ŠTEVILO INCIDENTOV V LETIH 2008–2021
S Poudarkom na phishing prevarah

**Number of incidents from the
year 2008 - 2021**

Leto	Incidentov	razlika (%)	Phishing	% phishinga
2008	325		23	7,08 %
2009	334	2,77 %	38	11,38 %
2010	478	43,11 %	50	10,46 %
2011	762	59,41 %	61	8,01 %
2012	1250	64,04 %	139	11,12 %
2013	1515	21,20 %	209	13,80 %
2014	2063	36,17 %	279	13,52 %
2015	1925	-6,69 %	283	14,70 %
2016	2281	18,49 %	296	12,98 %
2017	2300	0,83 %	222	9,65 %
2018	2431	5,70 %	224	9,21 %
2019	2733	12,42 %	435	15,92 %
2020	2775	1,54 %	694	25,01 %
2021	3177	14,49 %	950	29,90 %



Source: Slovenian Computer Emergency Response Team (SI-CERT)



**THANK YOU FOR
YOUR ATTENTION!**