

INDEX

#ElGobiernoDeTodos	374	ballot paper	74
54+ (generation).....	515	ballot sheet	65
5G.....	149	Barack Obama	
academic mobility	431	e-campaigning.....	216
accountability	101, 233	behavioural control	48
Accounting	203	Big Data	416
actuator	415	bill of materials	201
advertising		biometric	72
and digital tax	255	bookkeeping.....	203
AES	64	Breyer-case	20
aggregation	189	budget execution.....	191
agile organization	98	Budget Management	190
agile team	100	Bundeshaushaltsgesetz	
agility	103	Austria.....	195
algorithm	116, 121	business intelligence	
algorithm thinking.....	451	real-time	189
anonymity.....	61	business model.....	487
anonymization	76	business process.....	498
anti-coercion		Business Process Modelling Notation	191
in e-voting	68	Calvinism.....	109
API	416	cameralistics	195
applet.....	86	carbon paper.....	64
Arab Spring	377	cash flow	203
artificial intelligence	116, 120, 455	Central Bank	36
auditing.....	191	Central European Cyber Security Platform	
Austrian Citizen Card.....	297	164, 169
authentication	73, 85	Central Government Service Bus	
by telephone	87	Hungary	85
autonomous device.....	123	CERT	140
ballot box.....	60, 64	Church.....	110

citizen.....	111, 122, 371	copyright infringement	29
citizen participation.....	229	corporate responsibility	19
city branding	477	corporate tax	253
city council.....	102	corruption.....	236
civil society	486	Council of Europe.....	59, 64
Civitas	191	covert information gathering	24
Cloud forensics	152	creativity	434
cloud services.....	189	credential strength.....	300
co-creation.....	485	Cronbach's Alpha	49
co-design	485	cryptocurrencies.....	145
collective intelligence design	346	cryptojacking	145
communication asymmetry	357	curricular development	192
communications team	364	curriculum.....	33, 199, 339
compliance	34, 436	Customer Relationship Management.....	201
computer games	285	cyber crisis exercise.....	166
computerisation.....	84	cyber drill.....	42, 158
concatenate		cyber ecosystem.....	163
cryptographically	64	cyber safety.....	397
Concept Smart Green City		cybercrime	19, 24, 167
Slovakia.....	475	cyberdefense	166
condominium	459	cyber-physical.....	119
configuration management.....	142	cybersecurity.....	33, 37, 41, 113, 140, 164
connectivity.....	449	public awareness	157
constituency	64	third literacy.....	38
constructive criticism		Cybersecurity.....	151
in administration	101	cybersecurity ecosystem	171
continual improvement	443	cyberspace	
controlling	203	emergence of.....	241
Convention on Cybercrime	25	cyberstalking.....	277
convergence		Czech V4 Presidency.....	168
old and new media	371	data collection equipment.....	418
co-production	485	Data Envelopment Analysis	504
copyright.....	321	data management	468

data retention.....	22, 23	Hungary	26
Datalan	474	E-commerce Directive	21, 26
data-protection goals	463	e-democracy.....	214
decision-making games.....	216	Education Development Strategy	
defamation.....	277	Moldova.....	185
deliberation.....	214	e-elections	221
demographic issue.....	507	e-governance.....	237
developing countries	261	e-Governance.....	262
developing economy	272	e-Government Adoption Model.....	46
digital competence	185	e-Government Development Index.....	263
digital divide	48, 514	eGovernment Portal	89
digital economy.....	252	eID	87, 194
Digital Economy and Society Index ..	404, 449	e-ID.....	300
digital literacy	508	e-inclusion.....	508
digital maturity.....	308	e-Infrastructure	335
digital natives	450	e-Learning.....	37, 178, 182, 488
Digital Rights Ireland.....	23	election.....	75
digital signature.....	62	electoral notification	72
digital skills.....	450	electoral process.....	75
digital tax.....	255	electoral roll.....	73
digital transformation.....	97, 199, 307	Electronic Communications Act	
Digital Welfare Program	128, 132	Hungary	23
digital wellbeing.....	131	electronic identity	300
digitalization.....	241	Electronic Personal Income Tax Return	54
direct benefit transfer	275	electronic signature	
dopamine.....	112	qualified	74
dulled attention		e-mail	74
cybersecurity	40	emergency messaging system.....	357
e-administration	85	encrypted communication.....	25
Ease of Doing Business (report)	403	English	
e-Citizen.....	297	translation of eGov services.....	89
E-commerce Act		Enlightenment.....	110
Hungarian.....	21	Enterprise Resource Planning.....	190, 200

entrepreneurship.....	268	of human behaviour	123
enveloping		of open data.....	320
in e-voting	61	event logs	499
e-panel	216	evidence	60
e-participation	215, 228	e-voting	59, 221
e-petition	216	evoting protocol	60
e-skills	513	ex-communist space.....	268
Estonian e-Voting system	61	expert interviews.....	100
Ethernet	143	exploit	145
ethical conduct		Facebook.....	28, 361, 380
in science.....	428	feedback	100
Ethics.....	429	firmware.....	143
Ethics (Aristoteles).....	109	<i>Fix My Street</i>	216
ethics committee	429	form management	91
Ethics Guidelines for Trustworthy AI.....	119	framework	
EU Digital single market.....	512	national eGov.....	263
EU-Commission.....	252	free suffrage	68
European Agency for Network and		Freedom of Information	
Information Security	36	Act, Hungary.....	462
European Code of Conduct for Research		GDPR.....	92
Integrity.....	434	General Data Protection Regulation ..	440, 463
European Computer Driving Licence	452	General Ledger (G/L) Accounting.....	190
European Convention on Human Rights ...	122	Global Competitiveness Report.....	403
European market	21	Global Cybersecurity Index	153
European Network and Information Security		Good State (indicator).....	407
Agency	165	Google.....	28
European Parliament	62, 510	Google Scholar	498
European Research Area	436	Government Data Act (USA)	481
European Union	402, 448	GPS	414, 476
European Union Agency for Network and		GPS location	43
Information Security	139	gross domestic product	251
evaluation	76	health monitoring.....	417
IT education	394	honeypot	169

hosting provider	468	language	
hosting service provider	25, 29	doctorial programmes	433
Human Poverty Index	273	issues in teaching	192
human rights.....	117	Large Hadron Collider.....	321
Hungarian V4 Presidency	169	law enforcement.....	439
ID-Card	61	leadership.....	443
identification	85	leadership failure	228
information leakage.....	142	Learning Management System	183
information security	165	lecturer guidebook	193
informatization.....	473	legal framework	
infrastructure	140	global	19
insider threat.....	141	legal system	440
Instagram.....	358	leisure (in society).....	245
integrity	439	liability.....	20, 26
intermediary	21	LibreOffice	393
intermediary service provider	21	licensing	321
International Monetary Fund	262	LinkedIn.....	358
international tax system	252	liquid democracy	243
Internet banking	510	local elections	220
Internet Hotline	27	logistics.....	193
internet penetration	272	Low Power Wide Area	416
internet voting	217	machine	
inventory management.....	201	infected	141
IoT.....	194, 414	machine learning.....	121, 455
IoT device	149	mailbox	88
IP address		malware.....	141
dynamic.....	20	malware analysis.....	37
IT firms (in India)	272	Mandatory Cybersecurity Requirements	
IT security	36	Moldova.....	40
key pair.....	64	manipulation	62
Kežmarok.....	474	mass media.....	371
killer application	50	measurement	
KÖFOP.....	84	smart city	130

media mix.....	358	open access	331, 334, 436
MENA region.....	377	open access platform.....	319
messaging.....	21	open data.....	320, 338, 483
metadata	23	Open Data Institute	487
Microsoft Office.....	397	open government	485
miniaturization	415	open research data.....	330
missile defence.....	167	open science.....	319, 331, 435
mobile phones		open source	331, 392
in Arab Spring.....	384	openness.....	484
mobility	471	organisational security	67
Modern Cities Program.....	128	organizational safeguards	76
Moldovan economy.....	34	OSCE	64
Moodle	183	ownership.....	460
Moral Machine (MIT).....	289	paper ballot	72
morphing	277	parallel structures	
MRP I.....	201	in administration	100
Mubarak	382	Participatory Budgeting	242
MyCluj	363	password	64, 141
nation state	110	Pearson-correlation	396
National Bibliometric Instrument		performance of human resources.....	498
Moldova	152	PhD	431
National Media and Infocommunications		phishing.....	149, 277
Authority		PIN.....	61, 300
Hungary.....	25	policy cycle	404
network access provider.....	21	policymaking	117
New Public Management.....	484	political process	215
NGOs	345	polling station	72
non-disclosure agreement	326	population register	73
NotPetya.....	169	postal voting.....	73
OECD.....	401, 448, 482, 508	postdoctoral program	430
old data removal policy.....	326	poverty	278
one-stop-shop principle.....	256	and ICT	271
Online Service Index.....	267	power distance	98

power supply	277	sealed document.....	64
principle of public		Seitlinger.....	23
in e-voting	76	Self Employed Women’s Association	276
privacy.....	326, 415	self-driving car	123
process mining	497, 502	self-management.....	99
profit-and-loss statement.....	201	sensor	415
programming know-how	449	separation of powers	108
proliferation.....	49	service adoption	48, 51
proof of identity	72	Sid Meyers’ Civilization.....	286
property	460	SIM CITY	287
psychological training		smart city	129, 344, 472, 477
in cybersecurity	39	smart infrastructure	412
public health.....	436	smartphone.....	62
public management	101	social contract	109
public sector	231	social media	384
QR-code	61	and open data	333
Quantum Budget	242, 246	social network analysis	503
real-time data		sociotechnics.....	40
medical	417	sovereignty.....	111, 244
Recommendation CM/Rec(2017)5	59	speakerphone	43
Recommendation CMRec(2017)5	76	spreadsheet.....	394
remote firmware attack	144	STORK	298
remote identification	300	suffrage	60
remote voting	76	secret	60
resilience	439	Supply Chain Management.....	201, 443
reverse engineering	37	surveillance	143
robotics.....	455	sustainable development	130
SAP ECC.....	192	SWOT	344
SAP GUI.....	205, 206	system theory	286
SAP HANA.....	191	SZEÜSZ.....	84
SAP® ECC	190	SZÜF.....	86
scientific practices.....	428	tally	63
Scopus	153	tampering	143

tax avoidance.....	252	virtual communal fund.....	243, 246
tax differential		Visegrád countries	164
digital vs. conventional sector.....	252	vote count.....	66
teachers' guide book	205	voter turnout.....	71
The Return of History	107	voting card	63
Threat Landscape	140	voting computer	75
token.....	64	voting machine.....	117
TOR.....	26	voting secrecy	67
traffic data	417	vulnerability	
transparency	85, 227	firmware.....	143
trolling.....	277	WannaCry	169
trust.....	46, 427	weather stations data.....	333
Turing.....	346	web assistant	91
twitter	357, 358, 370, 381, 385	web-based learning	181
Universal Declaration of Human Rights....	117	Western Balkan.....	167
urban development.....	343	Whatsapp	25
urbanisation.....	127	Wi-Fi.....	413
urbanization.....	129, 343	wikipedia.....	510
VAT	256	working attitude.....	99
VAT treatment	193	World Bank.....	403
venture capitalist	329	World Economic Forum	403
verifiability.....	63, 66	world population	
in e-voting	60	in cities.....	472
verification		XML	91
external.....	68	YouTube	363, 384, 419
Viber.....	25	ZIP	91