

Computer Security Acronyms and Full Forms

No.	Acronym	Full Form
1	IEC	International Electrotechnical Commission
2	GDPR	General Data Protection Regulation
3	HIPAA	Health Insurance Portability and Accountability Act
4	ICT	Information and Communication Technology
5	OT	Operational Technology
6	VoIP	Voice over Internet Protocol
7	PLC	Programmable Logic Controller
8	ICS	Industrial Control System
9	SCADA	Supervisory Control and Data Acquisition
10	DCS	Distributed Control System
11	(ISC) ²	International Information System Security Certification Consortium
12	ISACA	Information Systems Audit and Control Association
13	GIAC	Global Information Assurance Certification
14	CSA	Cloud Security Alliance
15	CCSK	Certificate of Cloud Security Knowledge
16	PUF	Physically Unclonable Function
17	TRNG	True Random Number Generator
18	PRNG	Pseudo Random Number Generator
19	DES	Data Encryption Standard
20	FPGA	Field-Programmable Gate Array
21	SoC	System on Chip
22	CPS	Cyber-Physical System
23	IoT	Internet of Things
24	STRIDE	Spoofing, Tampering, Repudiation, Information Disclosure, Denial of Service, Elevation of Privilege
25	AAA	Authentication, Authorization, and Accounting
26	SOD	Separation of Duties
27	CERT	Computer Emergency Response Team
28	DRP	Disaster Recovery Plan
29	BCP	Business Continuity Plan
30	DAR	Data At Rest
31	DIM	Data In Motion
32	DIT	Data In Transit
33	NIST	National Institute of Standards and Technology

34	ISOC	Internet Society
35	ITU-T	International Telecommunication Union – Telecommunication Standardization Sector
36	AES	Advanced Encryption Standard
37	TRNG	True Random Number Generator
38	CA	Certificate Authority
39	PGP	Pretty Good Privacy
40	VPN	Virtual Private Network
41	PKI	Public Key Infrastructure
42	DSA	Digital Signature Algorithm
43	MAC (crypto)	Message Authentication Code
44	MD-5	Message Digest 5
45	SHA-3	Secure Hash Algorithm 3
46	DSS	Digital Signature Standard