

# POLIICE

## Glossary

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# Glossary

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**3GPP** - 3rd Generation Partnership Project.

**5GC** - 5G Core.

**5G SA** - 5G stand-alone (The 5G network is not reliant on any other network infrastructure and can operate independently). Unleashes 5G best performance.

**5G NSA** - 5G non-standalone (5G radio access network integrated to 4G LTE core (EPC-Evolved Packet Core)).

**ADMF** - LI Administration Function.

**AMF** - Access and Mobility Management Function.

**API** - Application Interface.

**ARP** - Address Resolution Protocol.

**AUSF** - Authentication Server Function.

**AWS** - Amazon Web Services.

**CDR** - Call Detail Record.

**CCE** - COTS Cloud Extractor.

**CI** - Cyber Intelligence.

**CI type-1** - Cyber Intelligence which exploits edge device operating system and software zero-day vulnerabilities to overcome encryption (including E2EE).

**CI type-2** - Cyber Intelligence which exploits edge device hardware vulnerabilities (side channel attacks and fault injection attacks) to overcome encryption (including E2EE) and other security mechanisms such as authentication, secure boot, as a non-exhaustive list.

**CI type-3** - Cyber Intelligence which uses various manipulation techniques in order to detect target hidden virtual identities, IP addresses and credentials (usernames and passwords).



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**CI<sup>2</sup>** - Cyber Intelligence Injection.

**Compliance LI** – LI facilities installed at CSPs to comply with the LI regulation.

**COTS** - Commercial off-the-shelf.

**CSP** - Communication Service Provider.

**CSRF** – Cross Site Request Forgery.

**DNS** – Domain Name Server.

**DPI** - Deep Packet Inspection.

**DSP** – Demand-side Platform.

**E2EE** - End-to-End Encryption.

**EC3** - European Cybercrime Center.

**EPC** - Evolved Packet Core.

**EPS** - Evolved Packet System.

**ETSI** - European Telecommunications Standards Institute.

**GNSS** - Global Navigation Satellite System.

**GUTI** - Globally Unique Temporary Identity.

**HI** - Handover Interface.

**HIQR** - Handover Interface Query Response.

**HTTP** – Hypertext Transfer Protocol.

**HTTPS** – Hypertext Transfer Protocol Secure.



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**I2** - Injection Interface (for CI agents).

**ICF** - Identifier Caching Function.

**IEF** - Identifier Event Function.

**IMSI** - International Mobile Subscriber Identification (it is the individual number of the mobile phone card, known as SIM card).

**IP** - Internet Protocol.

**IPDR** - IP detailed Record.

**IQF** - Identity Query Function.

**IRI** - Intercept Related Information.

**JS** - JavaScript.

**LCS** - Location services.

**LEA** - Law Enforcement Agency.

**LEMF** - Law Enforcement Monitoring Facility.

**LI** - Lawful Interception.

**LICF** - Lawful Interception Control Function.

**LIPF** - Lawful Interception Provisioning Function.

**LI\_X1** - Intercept management and Provisioning.

**LI\_X2** - Intercept Related Information (IRI), intercepted communication metadata.

**LI\_X3** - Communication Content (CC).

**LMF** - Location Management Function.



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**LTE** - Long Term Evolution.

**MAC** -Media Access Control.

**MC** - Monitoring Center.

**MDF** - Mediation Delivery Function.

**MEC** - Multi Access Edge Computing.

**NF** - Network Function.

**NR** - New Radio.

**NSA** - Non Stand Alone.

**NRF** - Network Repository Function.

**PEI** - Permanent Equipment Identifier.

**POI** - Point of Interception.

**POLEX** - POLIICE Exchange of hash encoded identifiers.

**QC** - Quantum Compression.

**QUDDaaS** - Quantum Unlock, Detection and Decryption as a Service.

**RAN** - Radio Access Network.

**RTB** - Real Time Bidding (platform).

**SF** - Smart Filtering.

**SSL** - Secure Sockets Layer.

**SSP** - Supply-side Platform.



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**SMF** - Session Management Function.

**SMLC** - Service mobile location centers.

**SMS** - Short Messaging Service.

**SUCI** - Subscriber concealed Identifier.

**SUPI** - Subscriber Permanent Identifier.

**UPF** - User Plane Function.

**VNF** - Virtual Network Function.

**VNFC** - Virtual Network Function Component.

**X1/HI1** - Intercept management and Provisioning.

**X2/HI2** - Intercept Related Information (IRI), intercepted communication metadata.

**X3/HI3** - Communication Content (CC).

**XSS** - Cross Site Scripting.



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