

A

ACL: Asynchronous Connectionless Link
ADLE: Adaptive Dark–Lightness Enhancement
ADSL: Asymmetrical Digital Subscriber Line
AES: Advanced Encryption Standard
AMC: Adaptive Modulation and Coding
AND: Application Distribution Network
AP: Access Point
AP: Application Processor
API: Application Programming Interface
ARQ: Automatic Repeat Request
ASIC: Application–Specific Integrated Circuit

B

BBS: Bulletin Board System
BPSK: Binary Phase Shift Keying
BS: Base Station
BSC: Base Station Controller
BSS: Basic Service Set
BTS: Base Transceiver Station

C

C/S: Client/Server
CAM: Content Address Memory
CBCS: Category–Based Content–Screening
CCC: China Compulsory Certification
CCK: Complementary Code Keying
CD: Color Dispersion
CDMA–HDR: Code Division Multiple Access High Data Rate
CDN: Content Delivery Network
CMOS: Complementary Metal–Oxide Semiconductor
CP: Content Provider
CP: Communication Processor
CPCS: Common Part Convergence Sublayer
CPM: Converged IP Messaging
CSI: Channel Status Information
CSMA/CA: Carrier Sense Multiple Access/Collision Avoidance
CSR: Cambridge Silicon Radio

D

DCF: Distributed Coordination Function

DDoS: Distribution Denial of Service
DHCP: Dynamic Host Configuration Protocol
DHT: Distributed Hash Table
DLNA: Digital Living Network Alliance
DNS: Domain Name Server
DRM: Digital Rights Management
DSN: Distributed Service Network
DSSS: Direct Sequence Spread Spectrum
DWDM: Dense Wavelength Division Multiplexing

E

EAP: Extensible Authentication Protocol
EDCA: Enhanced Distribution Channel Access
EIRP: Equivalent Isotropic Radiation Power
EMC: Electro Magnetic Compatibility
EM–LWDF: Enhanced Modified Largest Weighted Delay First
EPC: Evolved Packet Core
ESS: Extended Service Set

F

FE: Fast Ethernet
FEC: Forwarding Error Correction
FFT: Fast Fourier Transform
FHSS: Frequency–Hopping Spread Spectrum
FIFO: First–In First–Off
FPC: Flexible Printed Circuit
FPGA: Field Programmable Gate Array
FSO: Free Space Optical

G

GE: Gigabit Ethernet
GFSK: Gaussian Frequency Shift Keying
GGSN: Gateway General Packet Radio Service Supporting Node
GPS: Global Positioning System
GTP: GPRS Tunnelling Protocol

H

HCCA: Hybrid Coordination Function Controlled Channel Access
HCF: Hybrid Coordination Function
HDTV: High–Definition Television

HomeRF: Home Radio Frequency
HQoS: Hierarchy Quality of Service
HSDPA: High Speed Downlink Packet Access
HSPA: High Speed Packet Access
HTML: Hyper Text Markup Language
HTTP: Hypertext Transfer Protocol

P

IaaS: Infrastructure–as–a–Service
IBSS: Independent Basic Service Set
ICP: Internet Content Provide
ICT: Information and Communication Technology
IDC: Internet Data Center
IFFT: Inverse Fast Fourier Transform
IFS: Inter–Frame Space
IGRS: Intelligent Grouping and Resource Sharing
IIC: Inter–Integrated Circuit
IM: Instant Messaging
IMEI: International Mobile Equipment Identity
IMPS: Instant Messaging and Presence Service
IMS: IP Multimedia Subsystem
IN: Intelligent Network
INON: Intelligent Node Overlay Network
IPSec: Internet Protocol Security
IPTV: Internet Protocol Television
ISDN: Integrated Services Digital Network
IVR: Interactive Voice Response

J

JND: Just Noticeable Difference
JSON: JavaScript Object Notation
JSP: Java Server Pages

L

L2CAP: Logical Link Control and Adaptation Protocol
LAN: Local Area Network
LCD: Liquid Crystal Display
LTE: Long Term Evolution
LUT: Look–Up Table

M

MAC: Medium Access Control
MAN: Metropolitan Area Network

MAPSec: Mobile Application Part Security
MDI: Medium Dependent Interface
MEM: Mobile E-Mail
MGW: Media Gateway
MID: Mobile Internet Device
MLD: Multi-Lane Distribution
M-LWDF: Modified Largest Weighted Delay First
MMS: Multimedia Message Service
MobAd: Mobile Advertisement
MobSrch: Mobile Search
MPLS: Multiple Protocol Label Switching
MSC: Mobile Switching Center
MSF: Mobile Search Framework

N

NAL: Network Access License
NAV: Network Allocation Vector
NGN: Next Generation Network
nrtPS: non-Real-Time Polling Service

O

OAM: Operation and Maintenance
OFDM: Orthogonal Frequency Division Multiplexing
OFDMA: Orthogonal Frequency Division Multiplexing Access
OHA: Open Handset Alliance
OIF: Optical Interconnection Forum
OMA: Open Mobile Association
OS: Operating System
OSA: Open System Authentication
OSI: Open System Interconnection
OSNR: Optical Signal Noise Ratio
OTA: Over The Air
OUT: Optical Transmission Unit

P

P2P: Peer-to-Peer
PaaS: Platform-as-a-Service
PAN: Personal Area Network
PCF: Point Coordination Function
PCS: Common Part Convergence Sublayer
PCS: Physical Coding Sublayer
PDA: Personal Digital Assistant
PER: Packet Error Rate
PF: Proportional Fairness

PHP: Hypertext Preprocessor
PMA: Physical Medium Access
PMD: Physical Medium Dependent
PMP: Point-to-MultiPoint
PoC: Push to Talk over Cellular
PPP: Point-to-Point Protocol
PSTN: Public Switched Telephone Network

Q

QAM: Quadrature Amplitude Modulation
QCIF: Quarter Common Intermediate Format
QoS: Quality of Service
QPSK: Quadrature Phase Shift Keying

R

REST: Representational State Transfer
RF: Radio Frequency
RFID: Radio Frequency Identification
RNC: Radio Network Controller
RoF: Radio over Fiber
RON: Resilient Overlay Network
RSS: Really Simple Syndication
RTS/CTS: Request To Send/Clear To Send
RTSP: Real Time Streaming Protocol
RTT: Return Transmission Time

S

SaaS: Software-as-a-Service
SCO: Synchronous Connection-Oriented
SDH: Synchronous Digital Hierarchy
SDK: Software Developer's Kit
SFI: Service Fairness Index
SGSN: Serving General Packet Radio Service Support Node
SIMPLE: SIP for Instant Messaging and Presence Leveraging Extensions
SIP: Session Initiation Protocol
SKA: Shared Key Authentication
SMS: Short Message Service
SNR: Signal-to-Noise Ratio
SNS: Social Networking Service
SONET: Synchronous Optical Network
SP: Service Provider
SRR: State Radio Regulation Committee
SS: Subscriber Station

SSCS: Specific Service Convergence Sublayer
SUPL: Secure User Plane Location

T

TCP/IP: Transmission Control Protocol/Internet Protocol
TDD: Time-Division Duplex
TD-SCDMA: Time Division Synchronous Code Division Multiple Access
TF: Task Force
TKIP: Temporary Key Integrity Protocol
TM: Traffic Management
TYC: Type Approval Certification

U

UGC: User-Generated Content
UI: User Interface
URI: Uniform Resource Identifier
UWB: Ultra-Wideband

V

VoD: Video on Demand
VoIP: Video over Internet Protocol
VOQ: Virtual Output Queue

W

W3C: World Wide Web Consortium
WAP: Wireless Application Protocol
WAPI: Wireless Authentication and Privacy Infrastructure
WDM: Wavelength Division Multiplexing
WEP: Wireless Equivalent Protocol
Wi-Fi: Wireless Fidelity
WIISE: Wireless Internet/IP Service Environment
WiMAX: Worldwide Interoperability for Microwave Access
WLAN: Wireless Local Area Network
WMAN: Wireless Metropolitan Area Network
WPA: Wireless Protection Access
WPAN: Wireless Personal Area Network

X

XDM: XML Document Management
XML: Extensible Markup Language