

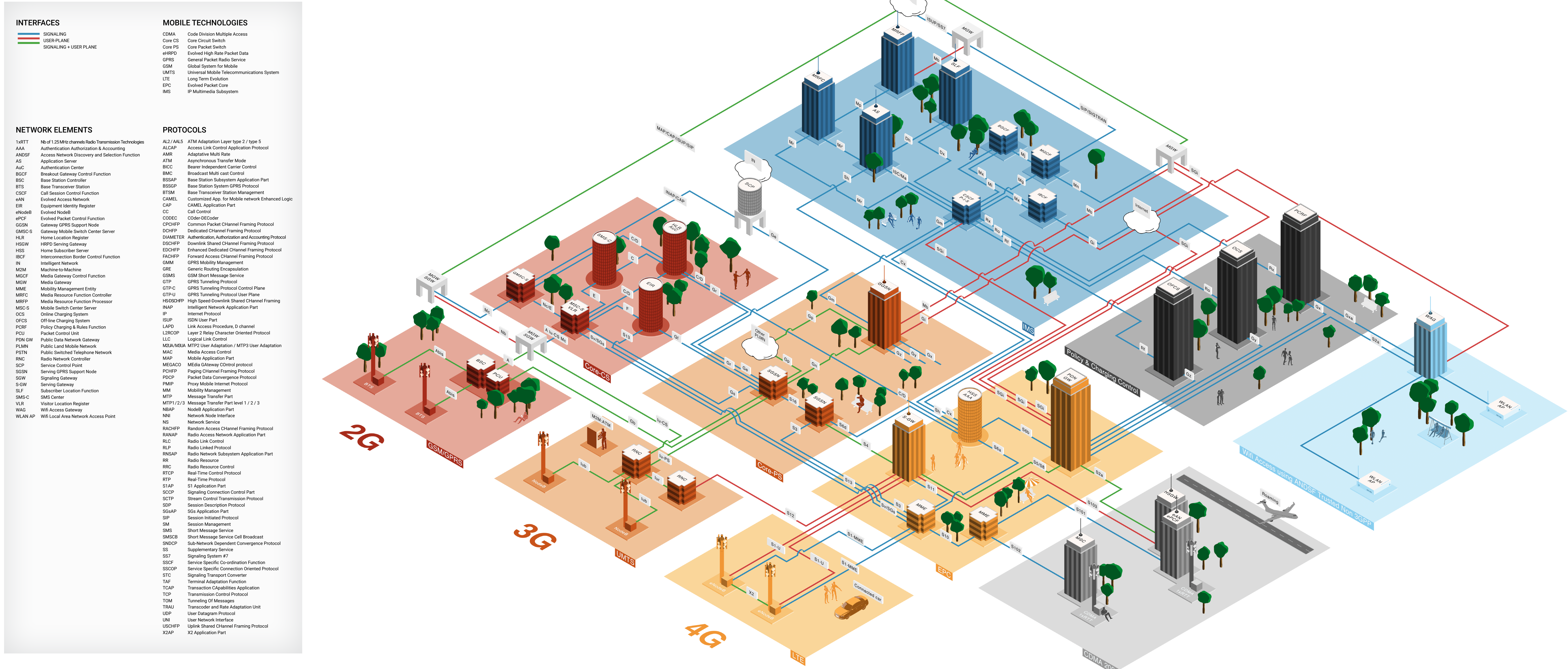
The background of the poster is a gradient of teal and blue, overlaid with a complex network of interconnected nodes and lines in various colors (yellow, green, blue). The nodes are represented by small colored dots, and the lines are thin, connecting the dots to form a web-like structure. The overall aesthetic is modern and technological.

Network and subscriber intelligence reference poster

EXFO

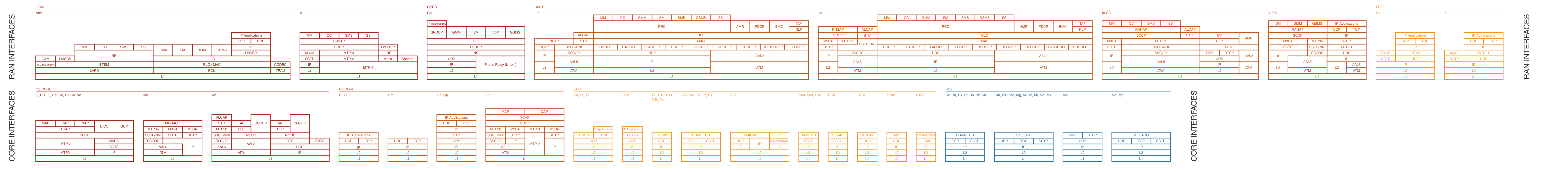
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Network and subscriber intelligence



- INTERFACES**
- SIGNALING
 - USER PLANE
 - SIGNALING + USER PLANE
- MOBILE TECHNOLOGIES**
- CDMA: Code Division Multiple Access
 - Core CS: Core Circuit Switch
 - Core PS: Core Packet Switch
 - eHRPD: Evolved High Rate Packet Data
 - GPRS: General Packet Radio Service
 - GSM: Global System for Mobile
 - UMTS: Universal Mobile Telecommunications System
 - LTE: Long Term Evolution
 - EPC: Evolved Packet Core
 - IMS: IP Multimedia Subsystem

- NETWORK ELEMENTS**
- 1xRTT: Nb of 1.25MHz channels Radio Transmission Technologies
 - AAA: Authentication Authorization and Accounting
 - ANDSF: Access Network Discovery and Selection Function
 - AS: Application Server
 - AuC: Authentication Center
 - BGCF: Breakout Gateway Control Function
 - BSSAP: Base Station Subsystem Application Part
 - BSSGP: Base Station Subsystem GPRS Protocol
 - CSCF: Call Session Control Function
 - eAN: Evolved Access Network
 - EIR: Equipment Identity Register
 - eNodeB: Evolved NodeB
 - ePCF: Evolved Packet Control Function
 - GGSN: Gateway GPRS Support Node
 - GMSC-S: Gateway Mobile Switch Center Server
 - HLR: Home Location Register
 - HSGW: HRPD Serving Gateway
 - HSS: Home Subscriber Server
 - IBCF: Interconnection Border Control Function
 - IN: Intelligent Network
 - M2M: Machine-to-Machine
 - MGCF: Media Gateway Control Function
 - MGW: Media Gateway
 - MME: Mobility Management Entity
 - MRF: Media Resource Function Controller
 - MRFP: Media Resource Function Processor
 - MSC-S: Mobile Switch Center Server
 - INAP: Intelligent Network Application Part
 - IP: Internet Protocol
 - ISUP: ISDN User Part
 - LAPD: Link Access Procedure, D channel
 - L2RCP: Layer 2 Relay Character Oriented Protocol
 - LLC: Logical Link Control
 - MUA/M3UA: MTP2 User Adaptation / MTP3 User Adaptation
 - MAC: Media Access Control
 - MAP: Mobile Application Part
 - MEGACO: Media Gateway Control protocol
 - PCHFP: Paging Channel Framing Protocol
 - PDCP: Packet Data Convergence Protocol
 - PMIP: Proxy Mobile Internet Protocol
 - MM: Mobility Management
 - MTP: Message Transfer Part
 - MTP1/2/3: Message Transfer Part level 1 / 2 / 3
 - NBAP: NodeB Application Part
 - NNI: Network Node Interface
 - NS: Network Service
 - RACHFP: Random Access Channel Framing Protocol
 - RANAP: Radio Access Network Application Part
 - RLC: Radio Link Control
 - RLP: Radio Linked Protocol
 - RNSAP: Radio Network Subsystem Application Part
 - RR: Radio Resource
 - RRC: Radio Resource Control
 - RTCP: Real-Time Control Protocol
 - RTP: Real-Time Protocol
 - S1AP: S1 Application Part
 - SCCP: Signaling Connection Control Part
 - SCPT: Stream Control Transmission Protocol
 - SDP: Session Description Protocol
 - SGsAP: SGs Application Part
 - SIP: Session Initiated Protocol
 - SM: Session Management
 - SMS: Short Message Service
 - SMSCB: Short Message Service Call Broadcast
 - SNDCP: Sub-Network Dependent Convergence Protocol
 - SS: Supplementary Service
 - SS7: Signaling System #7
 - SSCF: Service Specific Co-ordination Function
 - SSOCP: Service Specific Connection Oriented Protocol
 - STC: Signaling Transport Converter
 - TAF: Terminal Adaptation Function
 - TCAP: Transaction Capabilities Application
 - TCP: Transmission Control Protocol
 - TOM: Tunneling Of Messages
 - TRAU: Transcoder and Rate Adaptation Unit
 - UDP: User Datagram Protocol
 - UNI: User Network Interface
 - USCHFP: Uplink Shared Channel Framing Protocol
 - X2AP: X2 Application Part
- PROTOCOLS**
- AL2 / AAL5: ATM Adaptation Layer type 2 / type 5
 - ALCAP: Access Link Control Application Protocol
 - AMR: Adaptive Multi Rate
 - ATM: Asynchronous Transfer Mode
 - BICC:Bearer Independent Carrier Control
 - BMC: Broadcast Multi cast Control
 - BSSAP: Base Station Subsystem Application Part
 - BSSGP: Base Station Subsystem GPRS Protocol
 - BTSM: Base Transceiver Station Management
 - CAMEL: Customized App. for Mobile network Enhanced Logic
 - CAP: CAMEL Application Part
 - CC: Call Control
 - CODEC: Coder/DECoder
 - CPCHFP: Common Packet Channel Framing Protocol
 - DCHFP: Dedicated Channel Framing Protocol
 - DIAMETER: Authentication, Authorization and Accounting Protocol
 - DSCHFP: Downlink Shared Channel Framing Protocol
 - EDCHFP: Enhanced Dedicated Channel Framing Protocol
 - FACHFP: Forward Access Channel Framing Protocol
 - GMM: GPRS Mobility Management
 - GRE: Generic Routing Encapsulation
 - GSM: GSM Short Message Service
 - GTP: GPRS Tunneling Protocol
 - GTP-C: GPRS Tunneling Protocol Control Plane
 - GTP-U: GPRS Tunneling Protocol User Plane
 - HSDCHFP: High Speed Downlink Shared Channel Framing Protocol
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RAN INTERFACES

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CORE INTERFACES

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The EXFO logo consists of the word "EXFO" in a bold, blue, sans-serif font. The letter "F" is stylized with horizontal lines through it.

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