

Product Excellence

- Cost-effective infrastructure-as-a-service (IaaS)
- Create multi-tenant, carrier-independent LTE/5G networks
- Integrates seamlessly with existing infrastructure
- Rich API feature set for customization
- Centralized visibility & management
- Support for MVNO-style roaming capabilities
- Flexible cloud and hybrid deployment options
- User-friendly billing and self-service consoles
- Advanced features such as: CBRS domain proxy, anomaly detection, etc.
- Global cellular IoT connectivity
- Robust value-added services (e.g., PTToc, VoLTE)



BreezeNEXT - Cloud EPC

Telrad's BreezeNEXT is a cloud-based evolved packet core (EPC). By giving service providers of any size the ability to offer next-generation cellular services without rolling out any additional physical infrastructure, it marks an exciting new phase in LTE technology.



This infrastructure-as-a-service (IaaS) opens up opportunities that were previously only accessible to major national carriers. Regional service providers can easily leverage BreezeNEXT to create their own secure, autonomous private wireless networks—complete with roaming capabilities, convenient device management and extensible API integration.

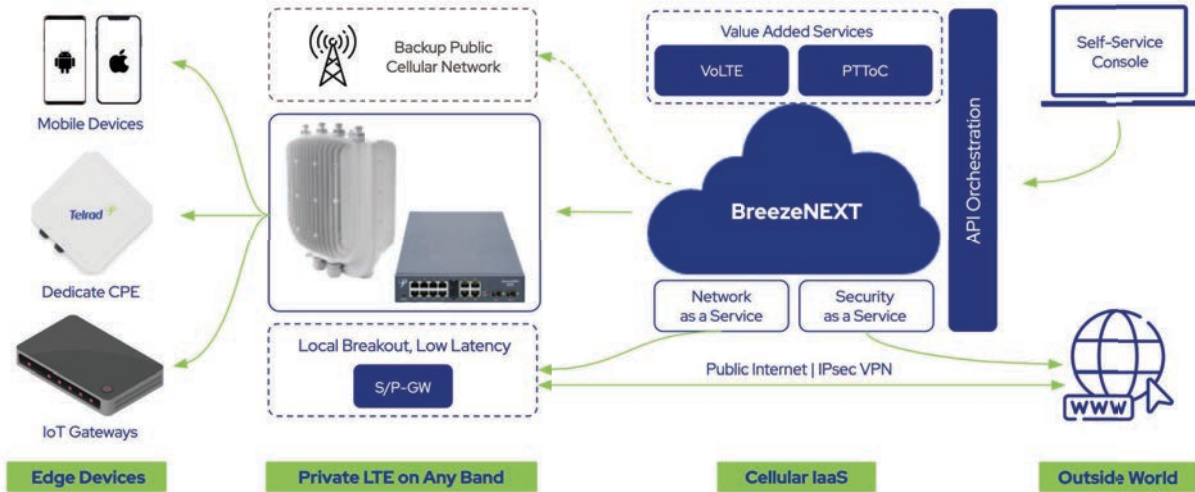
Your network, you're in control

Along with its versatility, BreezeNEXT is fully interoperable with existing Telrad LTE portfolio and mobile handsets you already have in place. Its full-stack solution consists of a cloud-based EPC, local traffic breakout capabilities and corresponding SIM cards—either in their traditional physical format or the flexible software-defined eSIM format.

As a result, BreezeNEXT is incredibly quick, easy and cost-effective to deploy. That makes it efficient and affordable for service providers to future-proof their LTE networks and diversify their product offerings.

BreezeNEXT

Telrad BreezeNEXT Solution Architecture



BreezeNEXT cloud-based EPC and SIM Specifications

SIM Card	Type	Classical, Industrial, Automotive
	Form Factor	2FF, 3FF, 4FF, eUICC, eSIM
	Technologies	2G, 3G, 4G, LTE CAT-M1, NB-IoT (coming soon)
	Coverage	+170 countries, +500 networks
	Multi-IMSI	Dynamic IMSI swap according to business logic
	Profile Swap	Remote SIM Provisioning (RSP) interoperability, OTA
	Roaming Restrictions	Roaming policy for allowed networks
	Steering	Override the operator's defined steering

Platform	Type	Provisioning, management, monitoring, reporting
	Self-service console	Flexible billing options for wholesale and retail
	Billing	Define SIM groups policy and business logic
	Event stream	Action / Alert trigger based on metric condition
	RESTful APIs	Embed any platform function in your existing business process

Security	Telephony Firewall	Incoming/Outgoing voice & SMS rules
	IP/Data Firewall	Inbound/Outbound IP & Protocol rules
	Network Management	Address pools, VPN, Routes, NAT, Isolation, Public and Static
	IMEI Lock	IPs
	SMS VPN	Configure SIM to be allowed only for a specific IMEI
	SMS via routing with Spoofed IMSI	Incoming/Outgoing SMS arrives/terminates via API
	Dynamic Registration	Prevent basic SS7 attacks
	IMSI/MSISDN Decoupling	Additional registration decision mechanism LU process

LTE Band 48 (CBRS)

Service providers who rely on LTE band 48 (CBRS) can use BreezeNEXT to create a secure private LTE voice and data network for mission-critical as well as business applications. BreezeNEXT is designed to protect your investment by integrating seamlessly with the Telrad equipment that underpins your CBRS network.

Core-as-a-Service

The BreezeNEXT cloud EPC brings all the advantages of cloud-based services to your LTE deployment. It offers secure, centralized administration—including device management, traffic control and process automation—via a connectivity management platform in addition to fully customizable API access. Add global cellular IoT connectivity to your projects without advanced telecom or cellular engineering skills.

Private LTE/5G-as-a-Service

BreezeNEXT leverages Monogoto's established private LTE/5G solution to enable organizations to create their own cellular network, independent of public cellular networks. This means that service providers can offer bespoke, self-contained, high-speed networks to both residential and business customers while enjoying multi-tenant oversight, roaming control, advanced security features and much more. These can be configured as cloud-only or with optional local breakout capability to improve network performance.