



JRC SMART EPC



■ KEY FEATURES

- ▶ Complete system in a BOX – Integrated solution
- ▶ Small yet capable EPC
- ▶ Personalization and user profiles
- ▶ Service selection and selective priorities
- ▶ Advanced IP allocation support (Fixed, Static, Dynamic)
- ▶ IRedundant and Load balancing

■ Consolidated core solution

Consolidated Enhanced Packet Core solution supporting standard 3GPP interfaces like S1-MME, S1-U, S2a, S6a, Gx, Gy and etc and with MME, PGW, SGW, HSS and internal basic PCRF functionalities.

■ Multi APN

Support multi APN per UE or per UE groups

■ Operating small to medium networks

Quick network and users configuration (plug & play)

Simple operation status view

Full backup and restore procedures

■ Advanced IP allocation

Dynamic , Static, Internal, External , From dedicated pools

■ Advanced TFT support

Support standard and above the standard filter capabilities

■ Multi users

Support network behind 4G UE that acts as a bridge or router

■ NAT

Enables NAT for connected UEs

■ Billing

Already integrated with third party cost effective billing solution

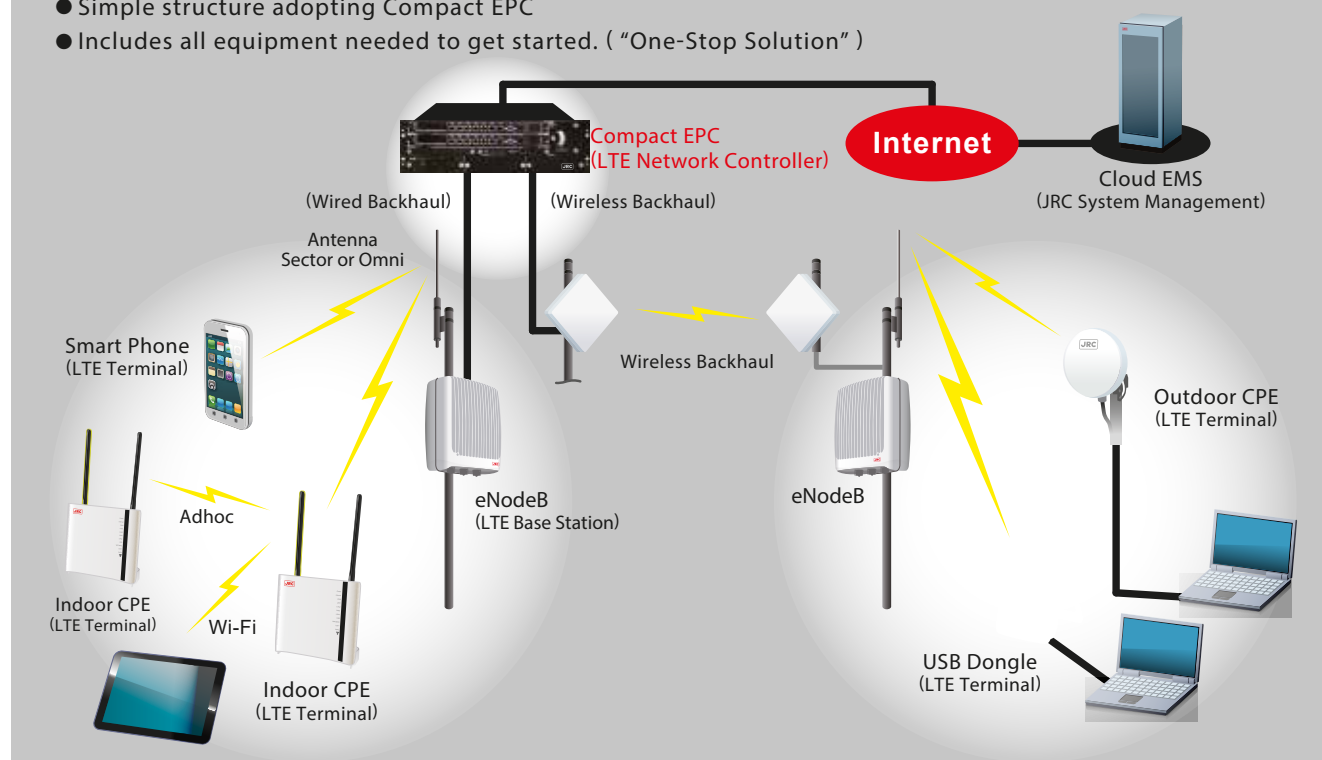


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JRC LTE System Diagram

Basic System Configuration with Future Expandability

- Simple structure adopting Compact EPC
- Includes all equipment needed to get started. ("One-Stop Solution")



JRC SMART EPC Blade

Item	Description
Capacity	Up to (3,000 or 10,000) concurrent subscribers Up to 200 eNBs
Ethernet	Dual Base interface channels 6 x 10/100/1000Base-T [RJ-45 connector] Dual 10GBASE-KX4/1000BASE-BX Fabric interface channels Full duplex Auto-Sensing Optional: 2 x 10GigE (AMC module)
Serial	1 x Serial RS-232 COM port RJ-45 Front-IO
USB	2 x USB 2.0 ports Front-IO
ATCA	PICMG® 3.0 R3.0 PICMG® Ethernet Over PICMG 3.0 R1.0, Option 1/9
Certifications	FCC, CE, UL, NEBS Level 3 (design)

Environmental

Item	Description
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 70°C
Humidity	5% to 95%, non-condensing



Japan Radio Co., Ltd.

Japan Radio Co., Ltd.
1-12, Fukuoka 2-chome,
Fujimino-shi, Saitama
356-8580, Japan

Web / E-mail
www.jrclte.com
jrclteweb@www.jrclte.com