

OPEN NETWORK SOLUTION

DISAGGREGATED CELL SITE GATEWAY FAMILY

HIGH PERFORMANCE EDGE ROUTER FAMILY

OPTIMIZED FOR MOBILE BACKHAUL APPLICATIONS

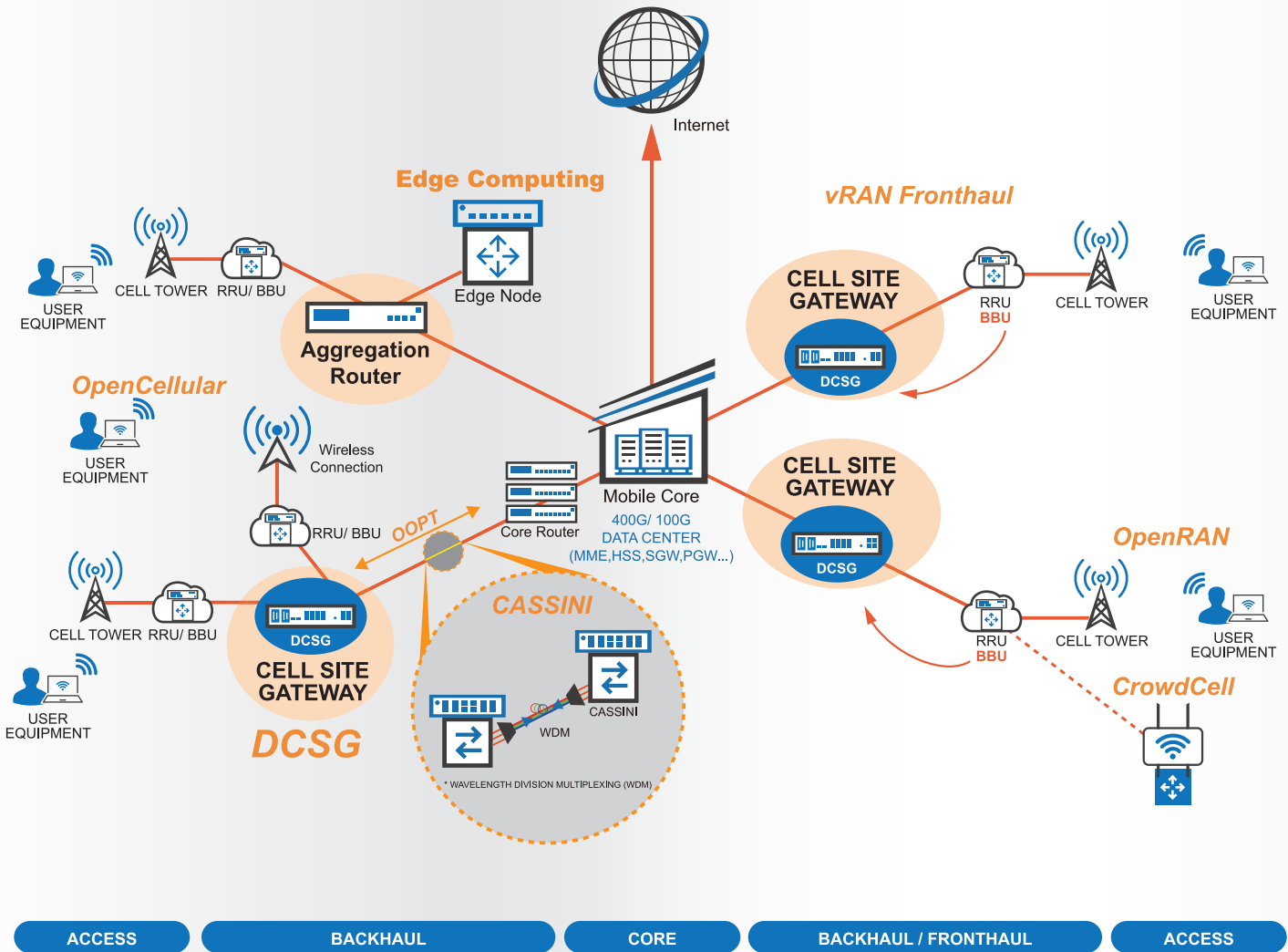
5G



MOBILE NETWORK TRENDS

Mobile networks are ubiquitous in most parts of the world and are engrained in everyday life, whether it's social media, video streaming, gaming, online shopping, or digital health. The continued push for a connected world puts tremendous pressure on mobile network operators to accommodate explosive bandwidth growth, reliability, segmentation, and low latency. 5G technology holds the key to these network challenges.

To support this evolution of mobile networks the infrastructure must evolve to support higher speed interfaces, precise timing, and synchronization, and high reliability. Edgecore's family of compact, temperature hardened cell site routers are purpose-built to address these challenges.



WHY CHOOSE EDGECORE DCSGs?

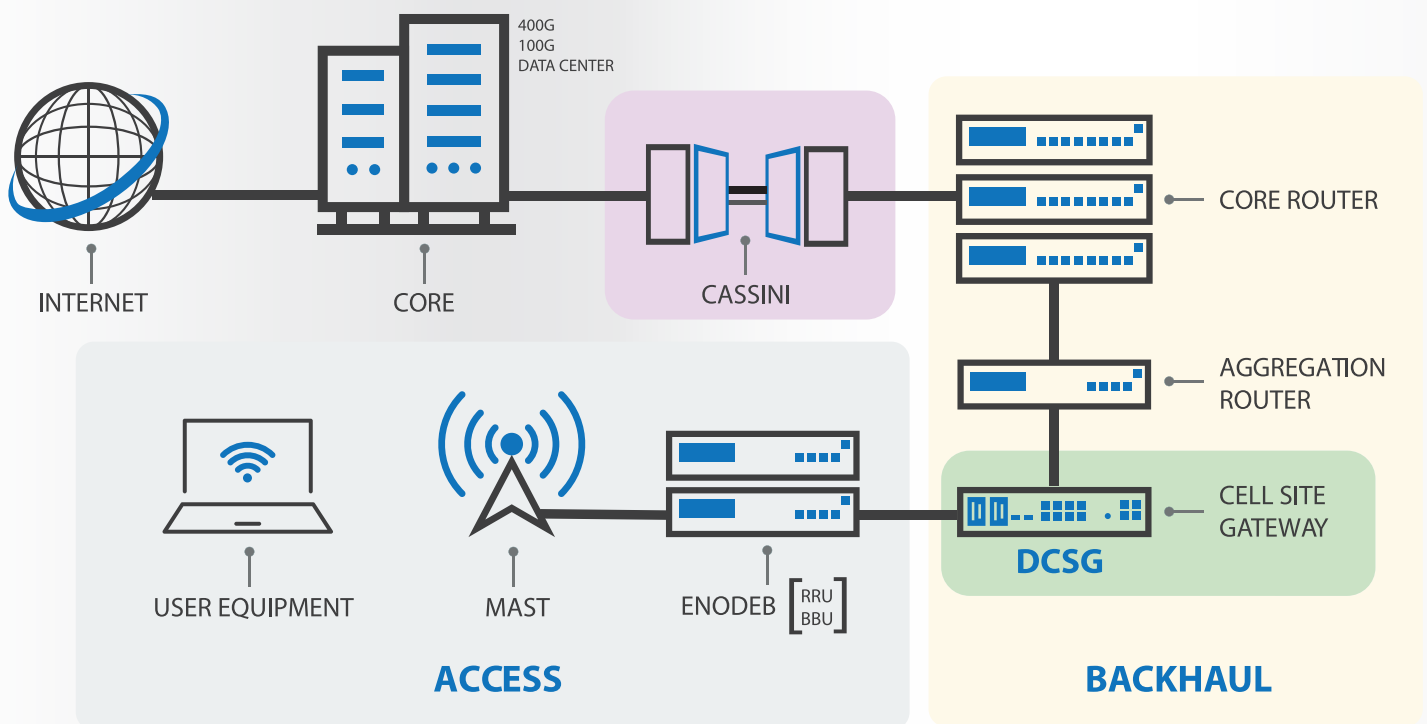
Edgecore pioneered open network DCSGs and was the first vendor to contribute open platforms to the Open Compute Project (OCP) and the Telecom Infra Project (TIP). Edgecore's ruggedized high-performance, deep-packet buffer family of DCSGs are suitable for access and aggregation applications in remote cabinet and facility-based deployments.

The compact and temperature hardened DCSG family supports ultra-precise IEEE1588 and Synchronous Ethernet, flexible combinations of 1G, 10G, 25G, and 100G network interfaces, and choice of airflow. Additionally, 100G unit stacking can be supported, an industry first for open networking DCSGs. Stacking provides advanced redundancy and a unified control, forwarding, and management plane.

Edgecore's DCSG family support a vibrant ecosystem of Network Operating System (NOS) partners, offering the ultimate choice for network operators.

DCSG AT A GLANCE

IN THE NETWORK



OPEN NETWORK BENEFITS

1. FREEDOM
2. INNOVATION
3. CONTROL

EDGECORE DCSG FAMILY PRODUCTS



Feature	AS5915-18X	AS7315-27X	AS7316-26XB
Switch Silicon	Broadcom BCM88272	Broadcom BCM88470	Broadcom BCM88470
Switch Capacity	64G	300G	300G
Processor	Intel Atom C3308	Intel Atom C3508	Intel Broadwell D-1519
Interface ports	6 x SFP+	20 x 1G / 10G SFP+	16 x 10G SFP+
	8 x SFP+	4 x 1G / 10G / 25G SFP28	8 x 25G SFP28
	4 x 1G RJ45	3 x 100G QSFP28 uplinks	2 x 100G QSFP28
Segment Routing	SR-MPLS	SR-MPLS	SR-MPLS
Timing Synchronization	IEEE1588/SyncE	IEEE1588/SyncE	IEEE1588/SyncE
Stacking	NA	YES	NA
Dimension	440(W) x 240(D) x 44(H)mm	440(W) x 300(D) x 44(H)mm	438(W) x 300(D) x 43(H)mm

How to choose and build up your Mobile Network with Disaggregated Cell Site Gateway?

[CONTACT US HERE](#)

Additional information
 Email: sales@edge-core.com
 Tel: +886-3-563-8888 | +1-949-336-6801 (Irvine,CA)

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