

## RapidBeam

### Connectivity on Demand

#### Solution Summary

Ballast Networks provides a temporary-network-solution-as-a-service to enable connectivity in locations with no walls. RapidBeam is a complete mobile network for construction sites, events, and tournament of all types. The solution works to support IoT connections, SIM based UEs, WIFI gateways, and a host of other applications for work and play.

#### Key Benefits

- ✔ Connectivity on Demand
- ✔ Carrier Level Security
- ✔ Cost Savings & Potential for Incremental Revenue
- ✔ Interference/Contention-Free
- ✔ Designed for Outdoor Use
- ✔ Policy setting enforcement and assurance
- ✔ End-to-End- data ownership
- ✔ Service grouping, P2T, PBX integration
- ✔ Enterprise processes and mobile integration
- ✔ Identity, billing & massive data management
- ✔ QoS and QoE control

#### The Network

The following are the key network elements integrated into the network and managed by Ballast.

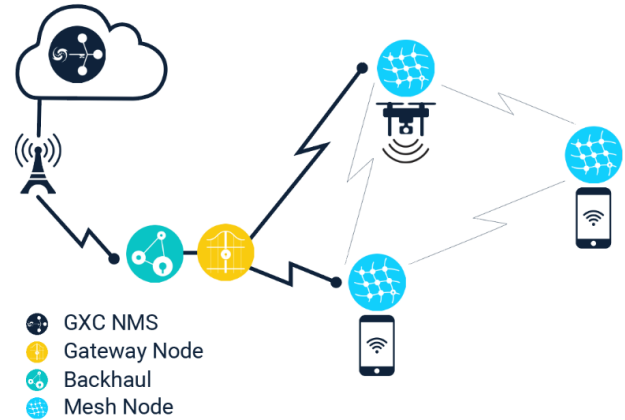
- ✔ Core – EPS/C & NG Core (5G)
- ✔ RAN – CBRS OnGo & Wi-Fi access points
- ✔ LBO and RAN servers
- ✔ SAS – Spectrum Allocation Service
- ✔ SIM – Subscriber Identity Module
- ✔ NOC – Network Element Management System



CBRS Alliance Member

#### Ballast RapidBeam

RapidBeam provides an immediate and high-capacity mobile network solution for greenfield projects and temporary events. Ballast combines state-of-the-art 5G Integrated Access and Backhaul (IAB) and Mesh Nodes developed by GenXComm with the CBRS band to deliver a working mobile network out of the box.



#### Ballast RapidBeam – Instant ON

1. **On Site Equipment**
  - Gateway
  - Mesh Nodes
  - EPC for Mobility
2. **Internet Connectivity**
  - High-gain Radio connectivity for backhaul to
  - Chosen Mobile Network Operators
3. **Cloud Management**
  - Network management system (NMS)
  - Spectrum Access System (SAS)