

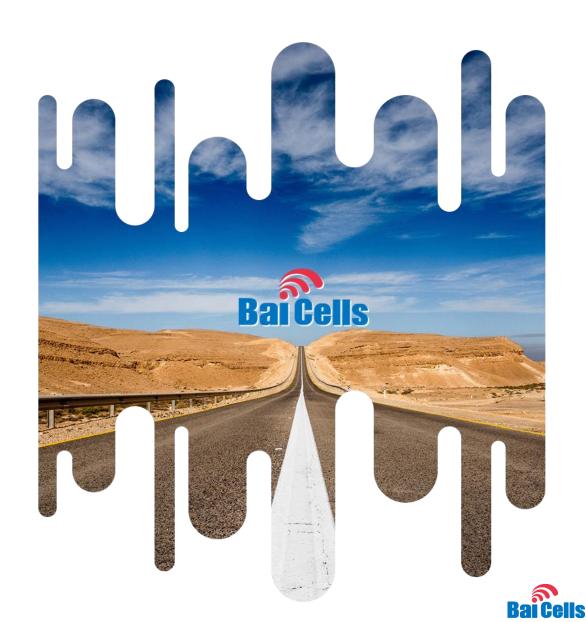
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About Baicells

Baicells is a customer-oriented high-tech company providing innovative and affordable LTE solutions, which can be used by mobile operators, fixed/wireless operators and ISPs, MNO/MVNO, governments and enterprise private networks.

With advanced innovative technology from America and precise manufacturing capability from China, Baicells focuses on wireless broadband access, operation platforms, and next generation wireless solutions. Baicells' products include indoor and outdoor Small Cells, Gateway, Cloud based EPC, Cloud based O&M, CPE, Antenna, etc.

With the vision of "connecting more with less, driving the ultimate LTE experience", Baicells has introduced some real breakthrough technologies to LTE, including OpenRAN architecture, SDN network based on IT architecture as well as LTE on unlicensed spectrum (5.8GHz/CBRS etc). With Baicells' end-to-end turnkey solutions, it becomes much easier for operators and ISPs to provide wireless broadband within everyone's reach.



Connecting More with Less, Driving the Ultimate LTE Experience

Delivering Connections That Are

Ubiquitous

We aim to connect all the unconnected areas in the world. Our goal is to facilitate a connected world where all people can enjoy the internet.

Green

Our base stations are smaller in size and require less power consumption, which means less carbon emission and a healthier environment.

Affordable

We dream of a world where connection is accessible to everyone. Bid farewell to expensive and complicated wireless networks.





Part 01 Market Progress

Part 02 Products

Part 03 Case Study

Part 04 Innovation

Part 05 Supply Chain





Market performance by October of 2017



350+
Commercial Deployment



260+
Patents



25+
Products



350+ Employees



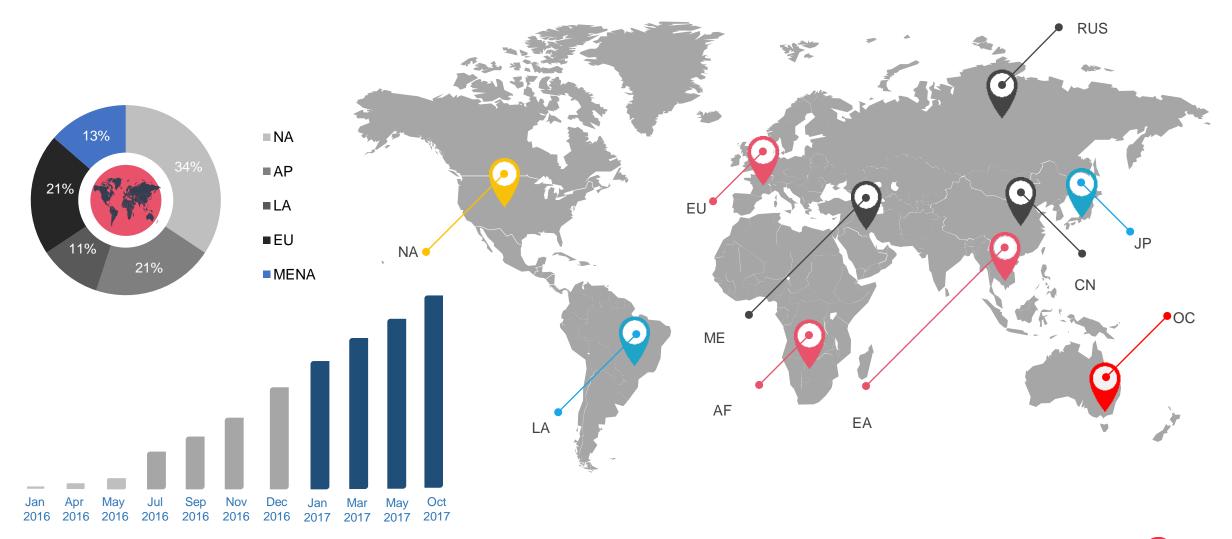
Office



75% R&D Engineers



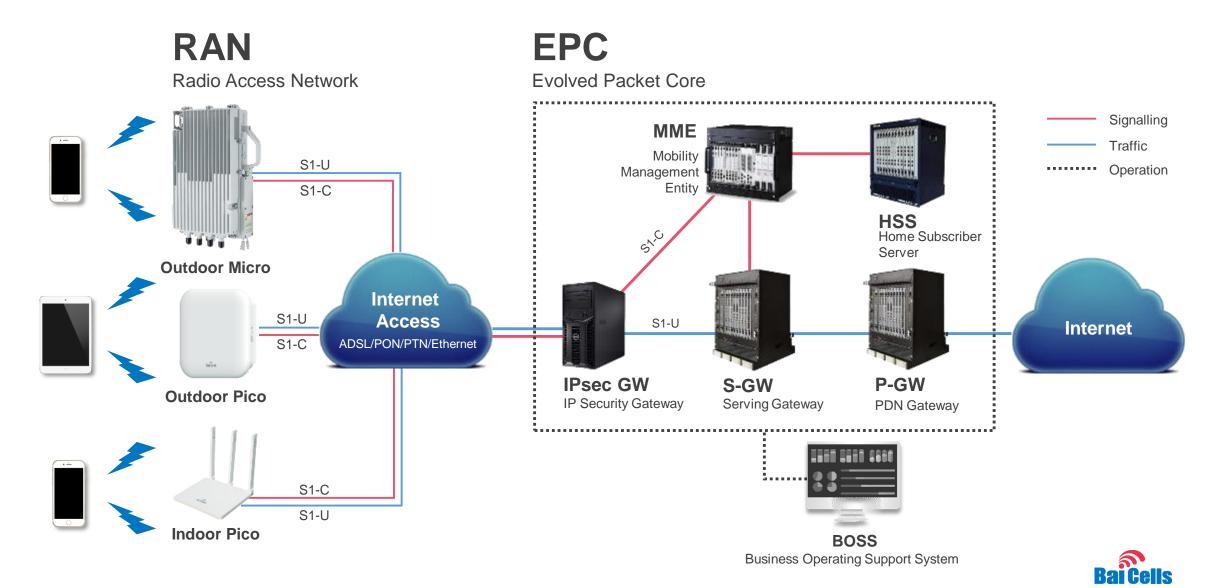
Global Market Progress





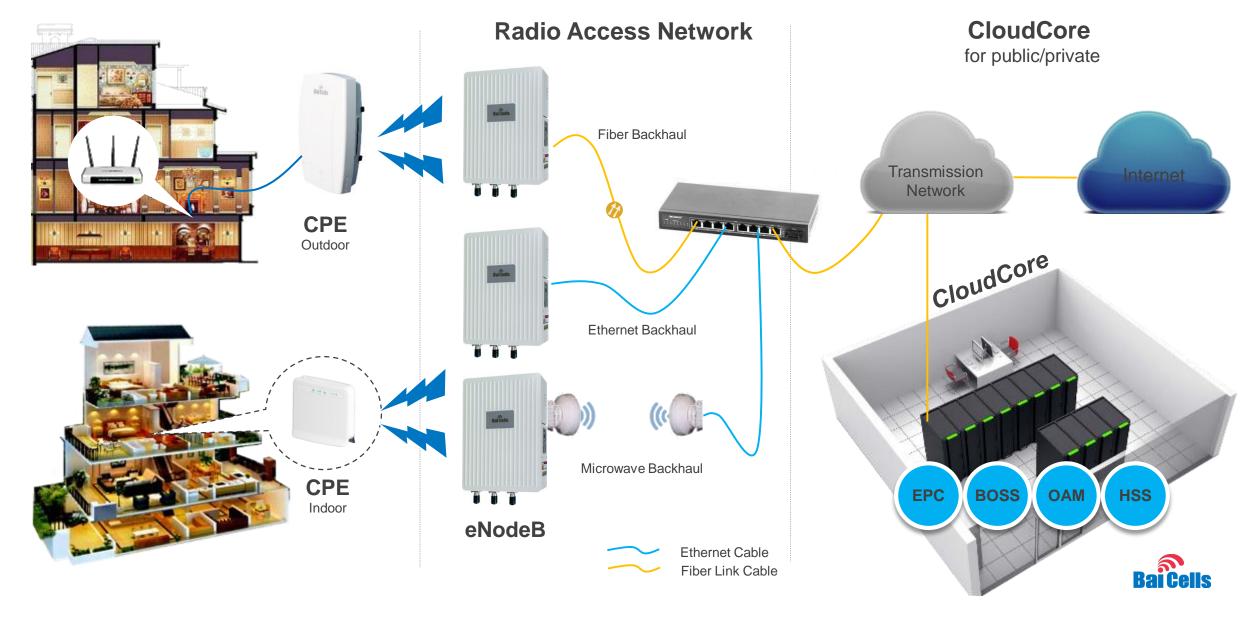


MBB Solution for Mobile Operators



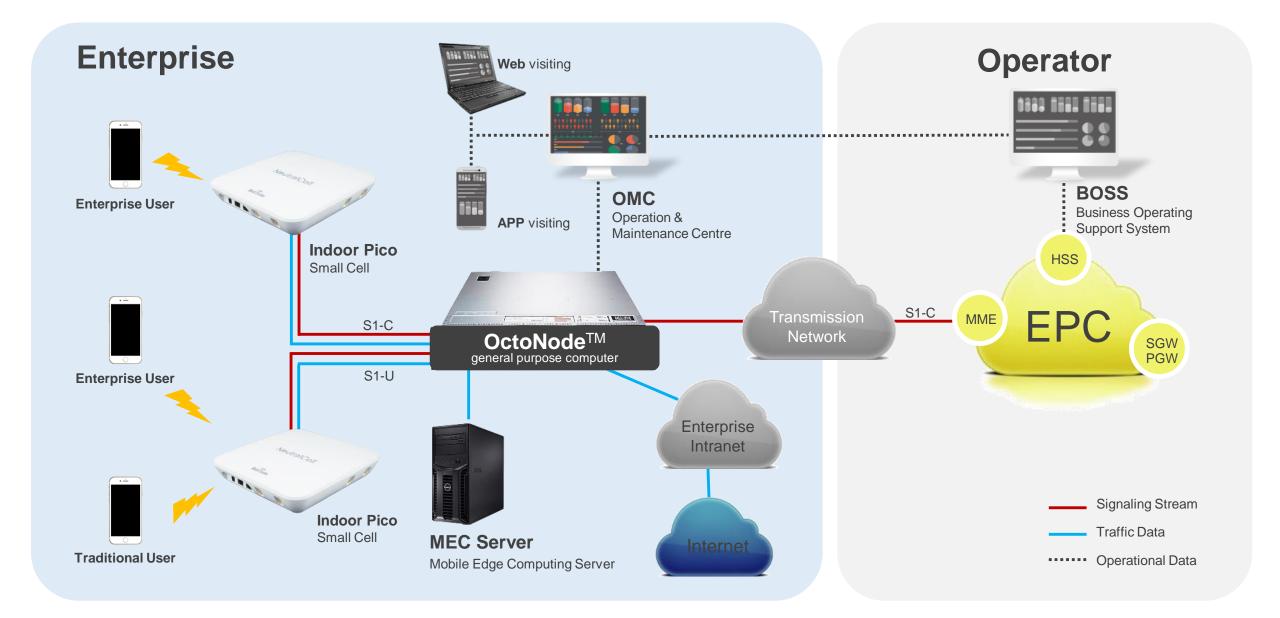


Fixed LTE Solution for FWA operators



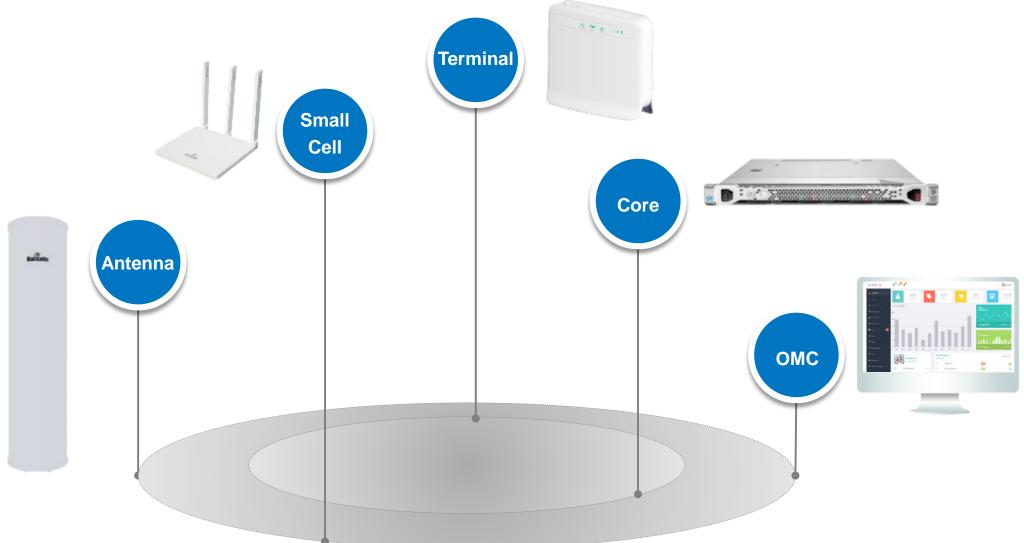


CtoNet[™]Solution for 4G Enterprise Network





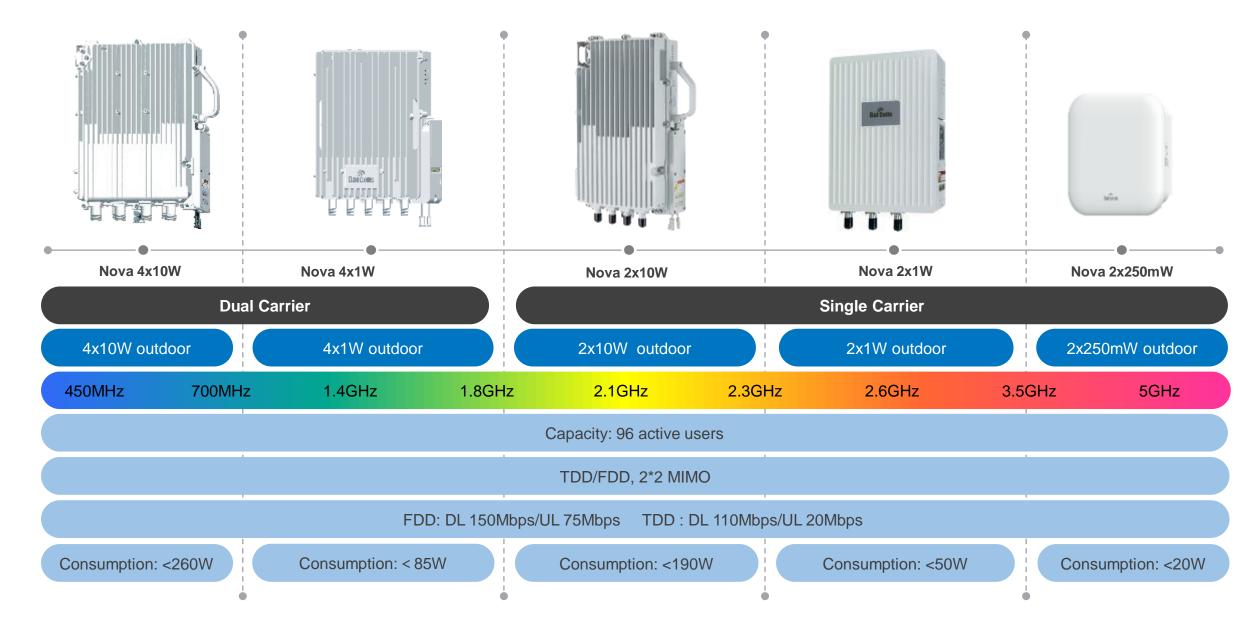
Baicells E2E Products Portfolio





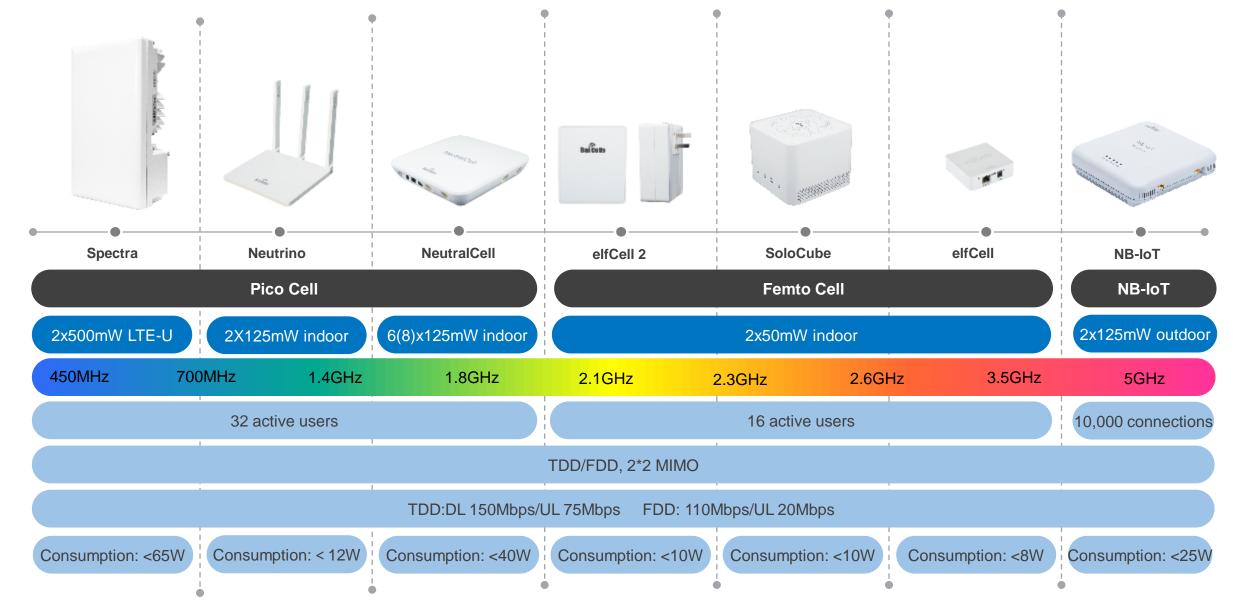


Baicells Small Cell Series



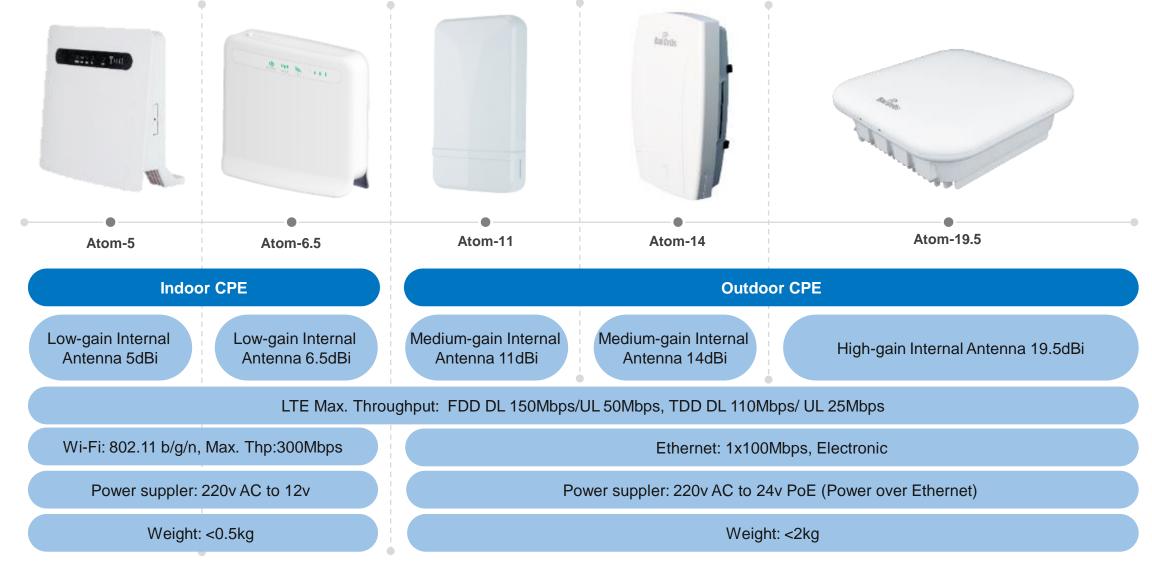


Baicells Small Cell Series





Baicells LTE Terminal Series(Cat4 & Cat6)





Baicells LTE P2P Backhaul Series



23 dBi Internal Antenna



BaiLink 2x2 Pro

23 dBi Internal Antenna



BaiLink 2x2 Pro

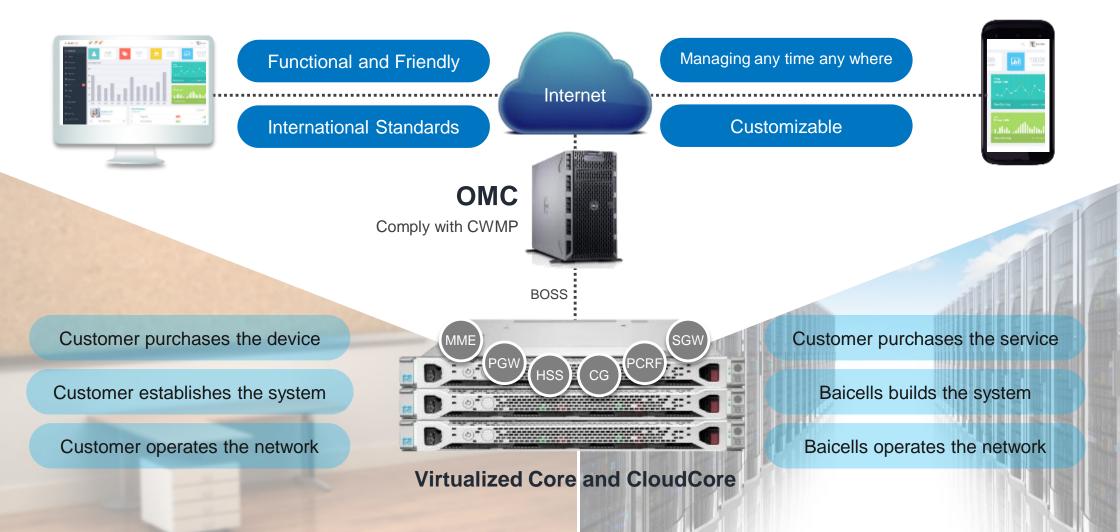
Support external Antenna







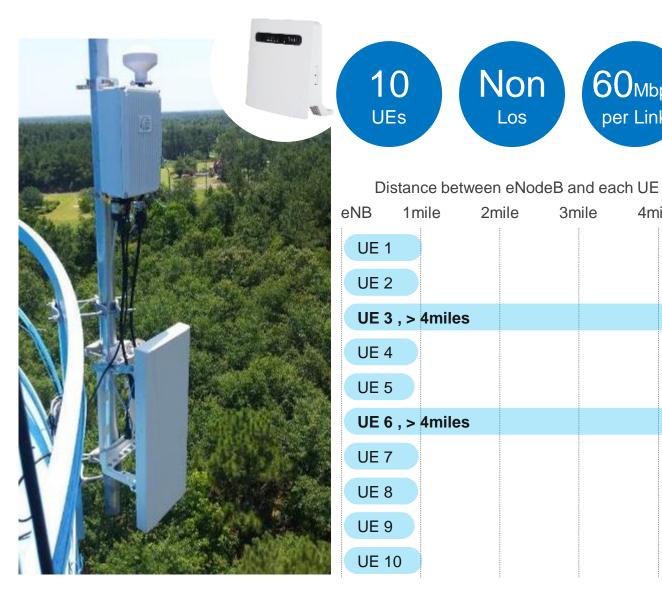
Baicells CloudCore & Operational Maintenance Center



By purchasing Virtualized Core Network Device and CloudCore service, the managed user number and eNodeB number can be extended infinitely



Non-LOS Case in Rural Area —— Customer A



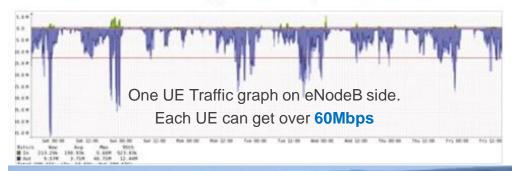


60_{Mbps}

per Link

4mile

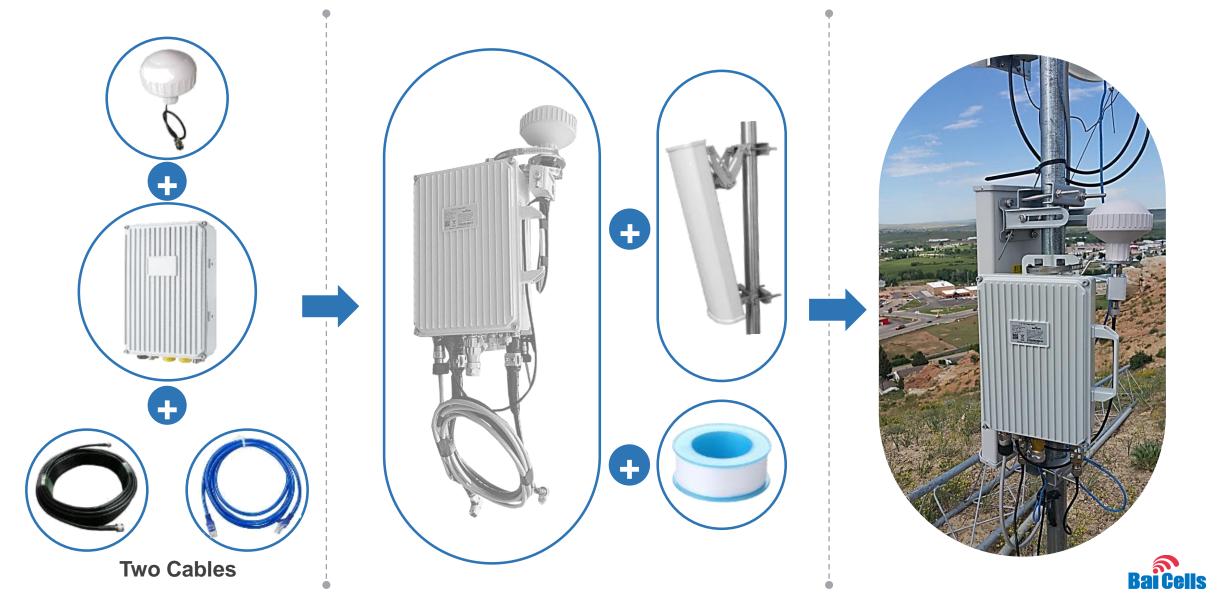
Here is the traffic graph for the last week on our eNodeB. We have 10 UEs on it. We have 3-4 more going up next week. Almost every link is nlos, most within a mile and a couple at 4 miles. All links get well over 60mb except for It would seem to be handling peak times very well!





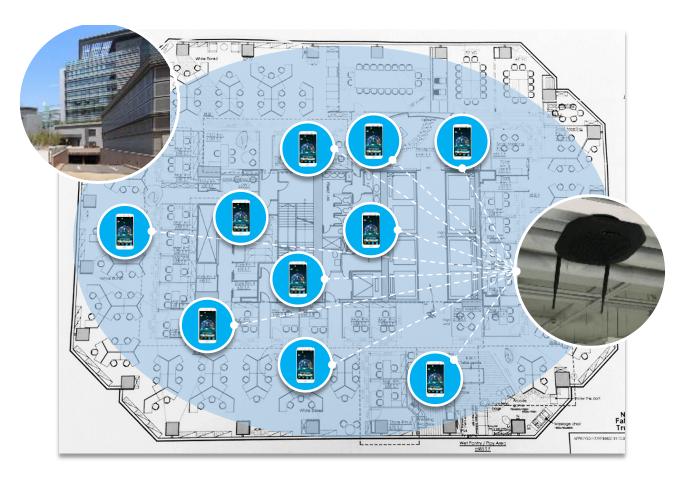


Easy Installation —— Customer B

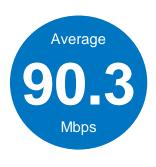




Indoor Coverage —— Customer C

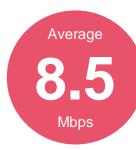


In one of the customer C's office, Baicells helps on covering about 1226m² (42.5m X 32 m) area with one 2x125mW Small Cell.



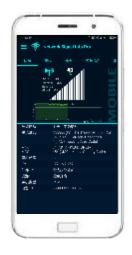






Internet Speedtest:

Downlink Average Speed: 90.3Mbps Uplink Average Speed: 8.5Mbps



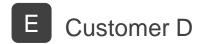








Non-LOS Case in Rural Area —— Customer D

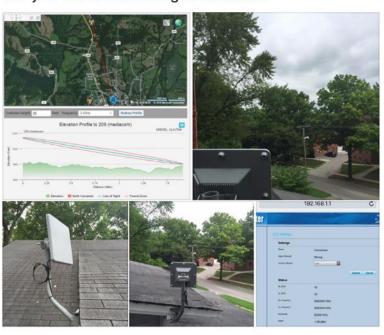


This was a 2.4 customer with NanoStation M2 in a noisy environment. 5.8 is not an option. Switched to Baicells today and we see max signal across the board. Speed tests were maxing out at around 55Mbps but I suspect I have a bottleneck on my backhaul to here. So far very impressed!





We installed this today! No possible way of getting any other connection in here! <u>Trees! Trees! Trees!</u> Oh, and a 100 year old brick building or two also!!



Under a heavy non-Line of sight case, Baicells' product technology can penetrate brick building and work very well.





Technology is the driving power



Light Operational Tech

Light Core network and operation support system are supporting services designed for the small cell network. Fast opening and on-line, convenient for the crowdsourcing and enterprise network construction. Cloud platform based architecture can let expansion and upgrading faster.



Small Cell Tech

Small cell represents a higher spectrum efficiency, especially suitable for 4G high speed data business trends, 80% of the data occurred in the indoor scene, but also can be a priority in the macro cellular expansion.



Content Optimization and **Tunnel Intelligence**

Optimization of content and operation is the innovation of intelligent tunnel, which makes full use of the aggregation function of access point and gateway to provide value-added services for the Internet.

Soft SIM Tech

Soft SIM technology can become the weapon for operator to absorb the flow. In the hot spot, for small cells' deployment, It allow users to enjoy high-speed Internet access away from security threats of WiFi.







With Giant Partners to build stable-controllable-scalable Supply Chain

- Vertical supply buffer, to fulfill customer order all-time
- > Be aggressive on demand management: keep in sync with Sales and always stand by
- Monthly capacity: 10K+/m, and capacity ramp up 5times within 1 month

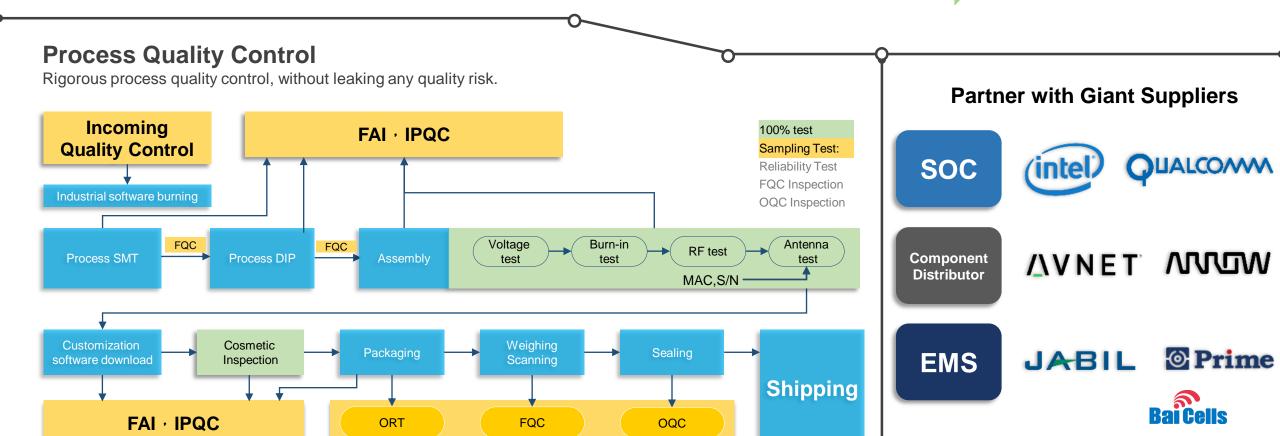
Close-Loop Operations

Professional EMS QMS

Tier1 SCM Resource

Strategic Procurement

Fast Delivery & Quality Service





Giant partners with stable relationship

























| Abbreviation | | Abbreviation | |
|--------------|--|--------------|--|
| AMBR | Aggregate Maximum Bit Rate | OMC | Operation and Maintenance Centre |
| APN | Access Point Name | OMU | Operation and Maintenance Unit |
| ARP | Allocation and Retention Priority | PCC | Policy and Charging Control |
| AVP | Attribute Value Pair | PCRF | Policy and Charging Rules Function |
| BOSS | Business and Operation Support System | PDN GW | Packet Data Network GW or Public Data Network GW |
| CBC | Cell Broadcast Centre | QCI | QoS Class Identifier |
| CBE | Cell Broadcast Entity | QOS | Quality of Service |
| EPC | Evolved Packet Core | RAT | Radio Access Type |
| EPS | Evolved Packet System | RAU | Router Area Update |
| EUTRAN | Evolved UTRAN | SAE | System Architecture Evolution |
| GBR | Guaranteed Bit Rate | SDF | Service Data Flow |
| GPRS | General Packet Radio Service | SERVING GW | Serving Gate Way |
| GUTI | Globally Unique Temporary UE Identity | SIM | Subscriber Identity Module |
| GW | Gateway | TAU | Tracking Area Update |
| HSS | Home Subscriber Server | TFT | Traffic Flow Template |
| IP-CAN | IP Connectivity Access Network | TIN | Temporary Identity used in Next update |
| MME | Mobility Management Entity | UE | User Equipment |
| ODB | Operator Determined Barring | URRP-MME | UE Reachability Request Parameter for MME |
| UTRAN | Universal Terrestrial Radio Access Network | USIM | Umts Subscriber Identity Module |