Parallel Wireless Fact Sheet

Company Name, Address, and Phone Number

Parallel Wireless' worldwide headquarters are located in Nashua, New Hampshire, with Sales Offices in Asia and Europe, and a Research Center in India. Headquarters: Parallel Wireless, Inc. 100 Innovative Way, Suite 3410, Nashua, NH-03062, USA, Phone: +1-603-589-9937

The Focus of Our Business

Parallel Wireless is on a mission to connect the 4 billion unconnected people by reimagining the architecture of cellular infrastructure. The reimagined architecture enables operators to deploy any G cellular networks as easily and as cost-effectively as enterprise Wi-Fi whether for rural, enterprise, public safety, M2M, Smart Cities, or dense urban. The company is in production on six continents and engaged with many leading operators worldwide. Parallel Wireless' innovation and excellence has been recognized with 31 industry awards. www.parallelwireless.com.

Our Products

HetNet Gateway (HNG) is the industry's first carrier-grade, NFV/SDN-based, 3GPP compliant RAN orchestrator that can orchestrate any technology (3G, 4G, Wi-Fi) and any vendor RAN. HNG logically sits between the RAN and core and virtualizes RAN on any COTS hardware while making RAN self-configuring, self-optimizing, and self-healing. Currently released HetNet Gateway supports 3G gateway, 4G gateway, Wi-Fi gateway, multi-technology SON, MEC, elastic scheduling capabilities. Moreover, these functions interwork with one another, instead of operating in individual silos, to deliver agility and flexibility across the network. HNG makes any RAN easy to deploy, scale, & maintain while delivering QoS across any licensed & unlicensed technologies, in rural & urban locations, enterprise, public safety, even on the cell edge. This solution uses standard backhaul and orchestrates a resilient mesh across the various backhaul elements. As a result, higher device density can be delivered and networks can be built or expanded at much lower cost, making cellular deployments for any market as easy and as cost-effective as enterprise Wi-Fi.

Converged Wireless System (CWS) is a software-defined, multi-mode, multi-band base station. It leverages the latest silicon to support 3G and 4G and integrates flexible backhaul (including wireless) all in the same form factor to deliver instant, reliable, and cost-effective coverage anywhere. The nodes are self-configured and self-managed via HetNet Gateway to enable easy deployments. Self-orchestration enabled by HNG provides hands-free maintenance of CWS' with SON-based interference mitigation for access and backhaul, SON-controlled dynamic RF power adjustment, and software-defined radio (SDR) capabilities that future-proof CWS' for additional bands or band reconfigurations. CWS provides resilient coverage indoors and out with flexible deployment options and lowers overall TCO.

Evolved Packet Core (EPC) is a full LTE core solution consisting of MME, Serving GW, PDN GW, and HSS components, or any combination of these, deployed as virtualized functions on any COTS hardware, providing a single box fully functional solution. It is a low-footprint low-cost LTE core that offers not only one of the best performance-to-price ratios in the industry, but also ease of deployment by integrating with Parallel Wireless HetNet Gateway (HNG). The functionality on HetNet Gateway, a fully 3GPP-compliant NFV and SDN-enabled platform, includes multi-technology SON and multi-technology vRAN. It provides architectural simplification of multiple core functions like 3G/4G/Wi-Fi GW VNF's. By integrating HNG as a part of the EPC architecture, the overall architecture is also simplified.

Our Leadership Team

Steve Papa, Founder, CEO, and Chairman
Rajesh Mishra, Founder, President, and CTO
Kaitki Agarwal, Founder and VP, Development
Sridhar Donepudi, Founder and VP, Systems
Yisrael Nov, VP, Worldwide Sales
Simon Mellor, VP, Worldwide Services
Sean Falvey, VP of Finance
Eugina Jordan, VP of Marketing
Matt Rowe, General Council