

## Wipro's Cell Site Gateway (CSG) solution

A high-performance, versatile and 5G ready product that carries 5G base station traffic seamlessly

Wipro's Disaggregated Cell Site Gateway addresses the changing needs of the backhaul transport requirements as mobile service providers make the transition from legacy technologies towards 5G RAN technologies.

Excellent product engineering experience aligned with industry standard software stacks (OcNOS, ONL and SONIC)

### Key Takeaways



End-to-end ownership model, partnership with IP Infusion & experience in integrating OcNOS software for diverse use-cases helps address capacity and connectivity upgrades required for 5G base stations



Deep understanding of OCP based hardware design and feature rich in L2, L3 and MPLS domain; supports advanced quality of service



Supports a range of commercial and open source software options, providing network operators with choices for NOS, SDN and orchestration platforms

## Key Benefits

- Optimized for 1GE, 10GE, 25GE and 100GE connectivity allowing seamless 4G/5G deployment
- Easily manageable by open source based and commercial SDN controllers
- Virtual Cell Site Gateway: NFV version for low bandwidth requirements, option of service chaining with Security GW/ Firewall software

Reduces capex with open source-based software stacks, network as service model and Opex through zero touch auto provisioning

## Features

- Source learning and Link Aggregation (LA) of different ports in same LA group
- IP multicast switching/routing support with IGMP v2/v3 and proxy
- Ethernet Layer 2 services with highly scalable and resilient Layer 2 solution
- Advanced service capabilities: QoS with advanced policing and scheduling mechanisms
- Synchronous Ethernet with PTP telecom profiles for time/phase distribution (G.8275.1,G.8275.2)



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