

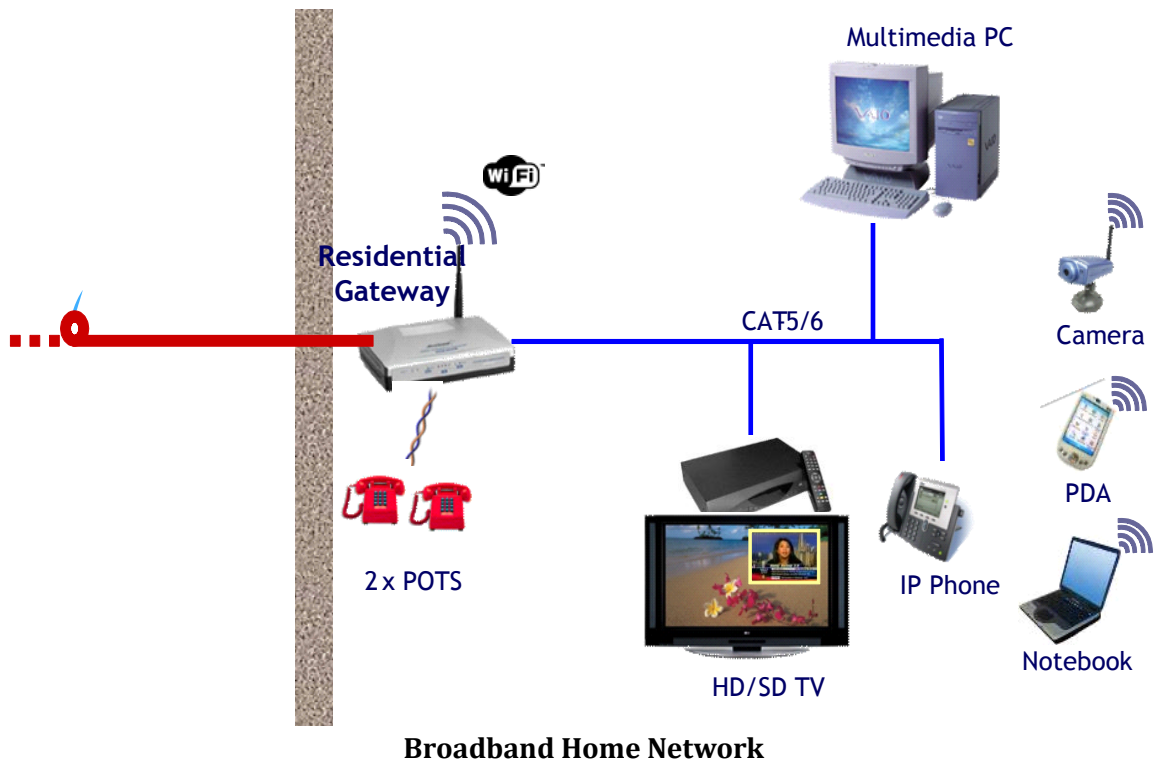


OpenCon Systems, Inc.

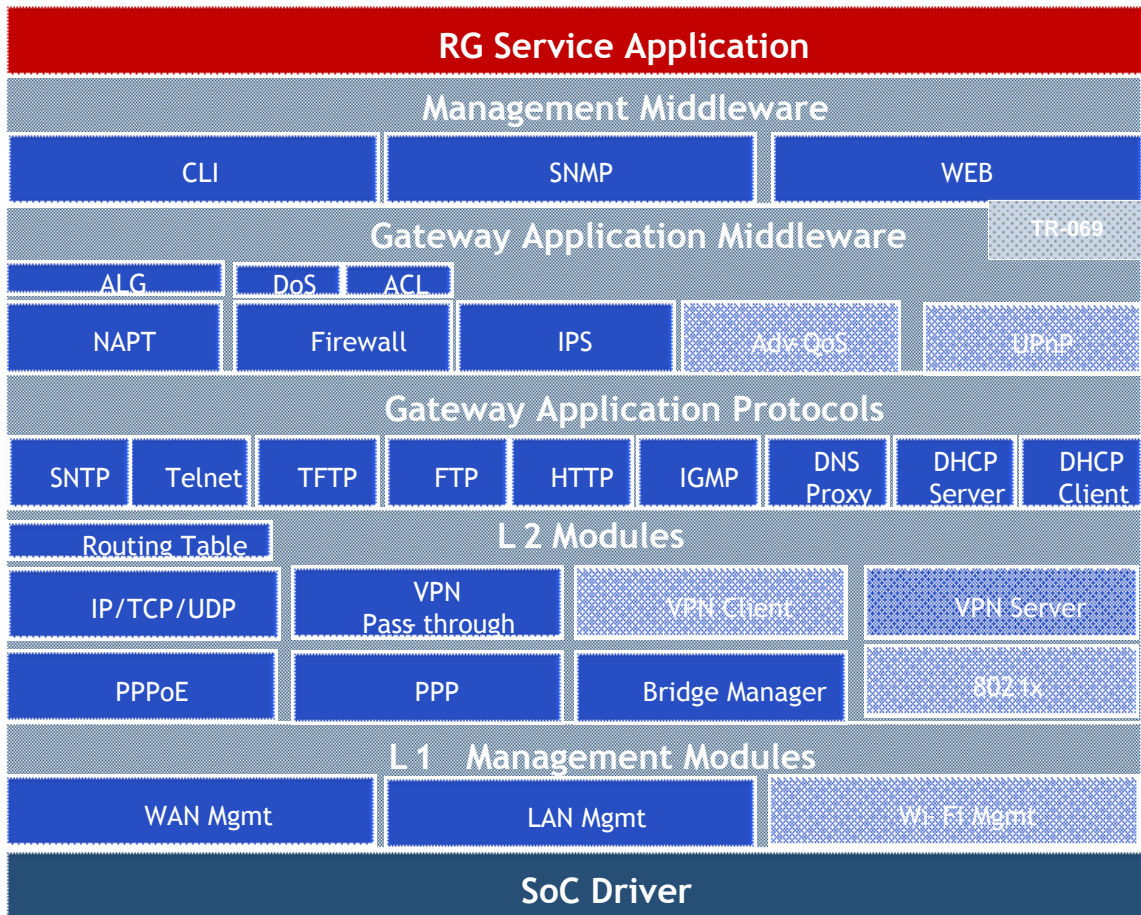
WORLDWIDE COMMUNICATION SOLUTIONS



With the roll out of broadband networks based on FTTH, 3G/4G wireless and DOCSIS 3.0, services such as IPTV, Video-on-Demand, Multi-player online games and P2P file sharing can now be delivered to the home without any last mile bandwidth limitations. However, delivery of these services is being hampered by the performance of the residential gateway products used in a typical home network. OCS Residential Gateway (OCS-RGW) addresses this problem by utilizing the hardware capabilities of an ASIC or a SoC from chip vendors such as Broadlight to deliver a cost effective, high performance residential gateway solution that would allow customers to enjoy the full spectrum of broadband services without compromising the security of other devices attached to their in-home network.



OCS Residential Gateway package includes all the necessary software components to support functions such as Firewall, NAT, VPN, Routing and Remote management. Following diagram illustrates the software components included in OCS-RGW solution.



OCS-RGW Solution

Key Features

Management Interface <ul style="list-style-type: none"> • SNMP v1, v2, v3 • CLI • WEB • TR-069 • HTTPS, SSL/TLS 	LAN/WAN Interfaces <ul style="list-style-type: none"> • 4 LAN Interfaces • WiFi Support • 1 WAN Interface (expandable to 4)
Firewall <ul style="list-style-type: none"> • ACL • DoS Attack Protection • Outbound URL Filtering • MAC Address Filtering 	Layer 2 Protocols <ul style="list-style-type: none"> • PPPoE Client • STP, RSTP, 802.1ag (LACP) • 802.1ag OAM • 802.1x • Wireless Security (WEP, WAP, WAP2)
NAT <ul style="list-style-type: none"> • Static/Dynamic NAT 	Advanced Firewall Functions <ul style="list-style-type: none"> • UPnP

<ul style="list-style-type: none"> • NAPT • Port Forwarding/Port Triggering • ALGs 	<ul style="list-style-type: none"> • Enhanced set of ALGs • Intrusion Detection • Enhanced DoS Attack Protection
VPN <ul style="list-style-type: none"> • VPN Client/Server • VPN Passthrough • VPN based on IPSec, L2TP and PPTP 	QoS and Multicast <ul style="list-style-type: none"> • 802.1q (VLAN) • 802.1p Priority Queue Mapping • DSCP remarking • IGMP v1/v2/v3 Proxy • IPTV Multicast Filtering
Configuration Database and Firmware Maintenance <ul style="list-style-type: none"> • FTP/TFTP/SFTP • Dual Firmware Image Support • Configuration DB backup/restoration 	Network Address/Name Resolution Protocol <ul style="list-style-type: none"> • DHCP Client/Server • DNS Proxy
IP <ul style="list-style-type: none"> • Static Routing • RIP v1/v2, OSPF (on request) • IPv6 (on request) 	Adaptation/Integration Modules <ul style="list-style-type: none"> • GPON-OMCI Integration Module • VoIP software integration Module • Bridge/Switch integration module