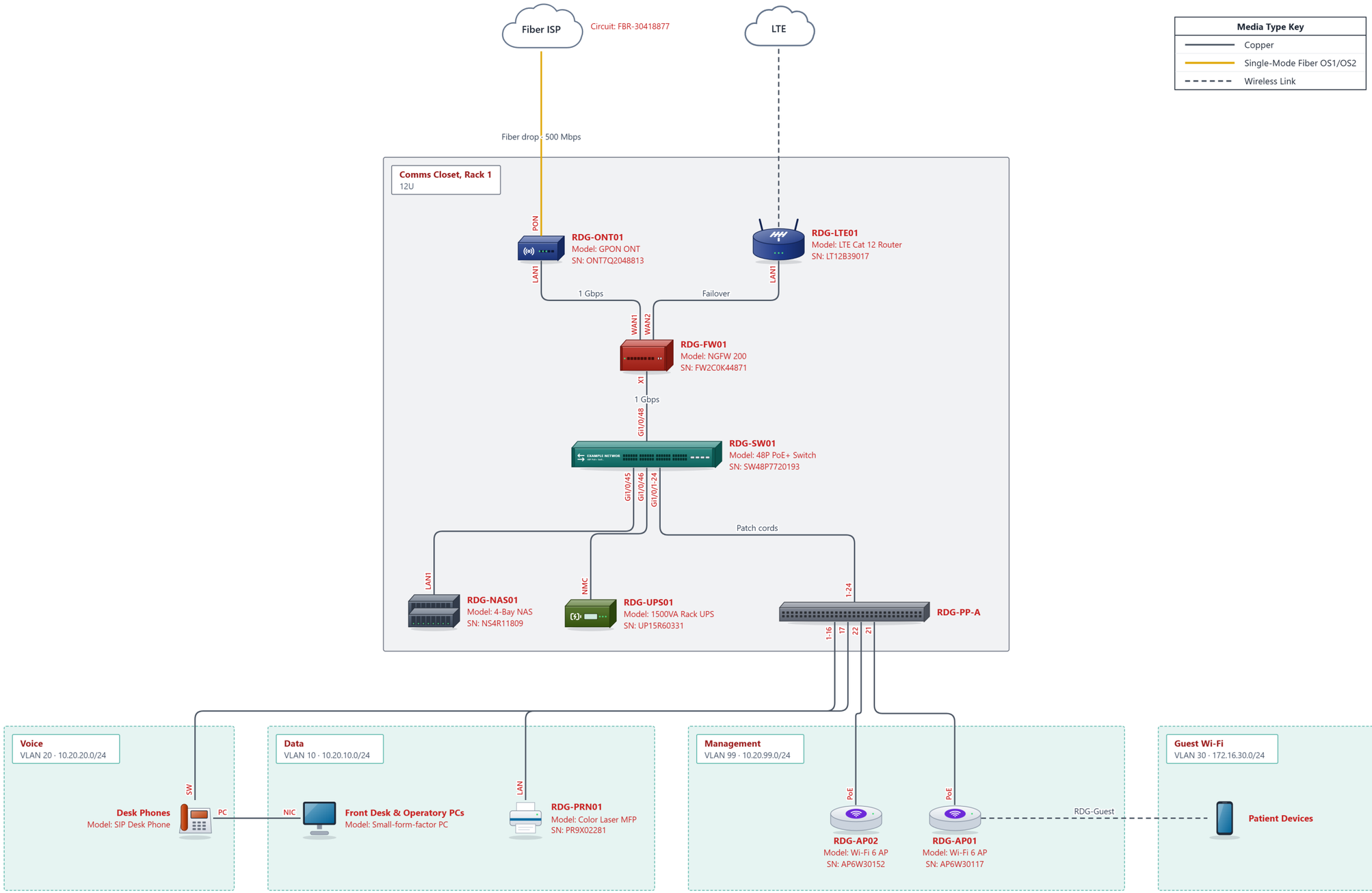


DOCUMENT **Riverside Dental Group - Office Network** Riverside Dental Group · 2150 River Road, Suite 200, Springfield	SHEET TITLE **Office Network**	VERSION 1.0	LAST CHANGED 2026-11-04	VERIFIED	SHEET 1 of 4
		DRAWN BY	LAST EDITOR	APPROVED	

Device Inventory 15 devices

Hostname	Type	Vendor / model	Serial	Mgmt IP	Area	Location	Page
Fiber ISP	ISP / Carrier						Office Network
LTE	Cellular / LTE						Office Network
RDG-ONT01	Modem / ONT	ISP-supplied GPON ONT	ONT7Q2048813		Comms Closet, Rack 1	Rack 1, shelf	Office Network
RDG-LTE01	LTE / Cellular Router	Example Networks LTE Cat 12 Router	LT12B39017	10.20.99.3	Comms Closet, Rack 1	Rack 1, shelf	Office Network
RDG-FW01	Firewall	Example Networks NGFW 200	FW2C0K44871	10.20.99.1	Comms Closet, Rack 1	Rack 1, U10	Office Network
RDG-SW01	Switch	Example Networks 48P PoE+ Switch	SW48P7720193	10.20.99.2	Comms Closet, Rack 1	Rack 1, U8	Office Network
RDG-NAS01	Storage / NAS	Example Storage 4-Bay NAS	NS4R11809	10.20.10.20	Comms Closet, Rack 1	Rack 1, U4	Office Network
RDG-UPS01	UPS	Example Power 1500VA Rack UPS	UP15R60331	10.20.99.5	Comms Closet, Rack 1	Rack 1, U1-2	Office Network
RDG-PP-A	Patch Panel				Comms Closet, Rack 1	Rack 1, U9	Office Network
Desk Phones	IP Phone	SIP Desk Phone			Voice		Office Network
Front Desk & Operatory PCs	Workstation	Small-form-factor PC			Data		Office Network
RDG-PRN01	Printer	Color Laser MFP	PR9X02281	10.20.10.30	Data		Office Network
RDG-AP02	Wireless AP	Wi-Fi 6 AP	AP6W30152	10.20.99.12	Management	Operatory hallway	Office Network
RDG-AP01	Wireless AP	Wi-Fi 6 AP	AP6W30117	10.20.99.11	Management	Reception ceiling	Office Network
Patient Devices	Mobile Device				Guest Wi-Fi		Office Network

Link / Cabling Schedule 14 links

Cable ID	End A	Interface	End B	Interface	Media	Speed	VLANs	Length	Test	Label / notes	Page
	Fiber ISP		RDG-ONT01	PON	Single-Mode Fiber OS1/OS2	500 Mbps				Fiber drop	Office Network
	LTE		RDG-LTE01		Wireless Link						Office Network
RDG-C001	RDG-ONT01	LAN1	RDG-FW01	WAN1	Copper	1 Gbps		1 m	Pass		Office Network
RDG-C002	RDG-LTE01	LAN1	RDG-FW01	WAN2	Copper			1 m	Pass	Failover	Office Network
RDG-C003	RDG-FW01	X1	RDG-SW01	Gi1/0/48	Copper	1 Gbps	10,20,30,99	0.5 m	Pass		Office Network
RDG-C004	RDG-SW01	Gi1/0/45	RDG-NAS01	LAN1	Copper		10	1 m	Pass		Office Network
RDG-C005	RDG-SW01	Gi1/0/46	RDG-UPS01	NMC	Copper		99	1 m			Office Network
RDG-C010-033	RDG-SW01	Gi1/0/1-24	RDG-PP-A	1-24	Copper			0.3 m		Patch cords	Office Network
RDG-D001-016	RDG-PP-A	1-16	Desk Phones	SW	Copper		20 tagged, 10 untagged		Pass		Office Network
	Desk Phones	PC	Front Desk & Operatory PCs	NIC	Copper		10			PCs plug into the phone pass-through port	Office Network
RDG-D017	RDG-PP-A	17	RDG-PRN01	LAN	Copper		10	22 m	Pass		Office Network
RDG-D022	RDG-PP-A	22	RDG-AP02	PoE	Copper		99 native, 10, 30	44 m	Pass		Office Network
RDG-D021	RDG-PP-A	21	RDG-AP01	PoE	Copper		99 native, 10, 30	31 m	Pass		Office Network
	RDG-AP01		Patient Devices		Wireless Link					RDG-Guest	Office Network

VLAN / Subnet Table 4 VLANs

VLAN	Name	Subnet	Gateway	DHCP scope / helper	Devices	Page
10	Data	10.20.10.0/24	10.20.10.1	RDG-FW01, .100-.199	2	Office Network
20	Voice	10.20.20.0/24	10.20.20.1	RDG-FW01, option 66	1	Office Network
30	Guest Wi-Fi	172.16.30.0/24	172.16.30.1	RDG-FW01, client isolation	1	Office Network
99	Management	10.20.99.0/24	10.20.99.1		2	Office Network