

## Customer Name: *Old Castle*

### Project Overview

Windstream will provide an SD WAN Overlay Network for 22 Old Castle locations. 4 sites will receive High Availability SD WAN, utilizing a mix of Cable, 4G LTE, or T-1. Remotes will receive blended access of Cable, T-1, or Ethernet as Primary with Cable or 4G LTE as Secondary. Pro Service has been contracted to perform additional unscoped work to facilitate timely completion of installs. All sites will receive Windstream Installation Services, per the Customer Contract, the Service Order Form, and any subsequent amendments or change orders

Overview of Site Visits	Windstream Contact Information
<ul style="list-style-type: none"> <li>❖ <b>Site Visit 1:</b> <ul style="list-style-type: none"> <li>○ Data Testing</li> <li>○ SD WAN Activation</li> <li>○ Data Cutover</li> </ul> </li> </ul>	<p><b>Windstream Service Activation</b> See Remedy ETA</p> <p><b>Project Manager: Neil Kavanagh</b> (585) 530-2956</p> <hr/> <p><b>Customer References</b></p> <p><a href="#">Wave Group Notes</a>   <a href="#">Tek Wiki Page</a></p>
Overview of Custom Elements	
<ul style="list-style-type: none"> <li>❖ 1-2 LAN Connections</li> <li>❖ Coordinated Customer Testing (up to 20 minutes)</li> <li>❖ HA Testing (Where Applicable)</li> <li>❖ Pro Services – Additional cabling or other work as needed to complete install (subject to Scope Exclusions)</li> <li>❖ Additional Instructions for Canadian Sites (where indicated)</li> </ul>	

### Installation Standards

- **Google Chrome Browser must be installed on your laptop prior to arrival**
- All Instructions are for Installer unless otherwise specified.
- Do not unplug power from existing equipment in order to plug in router.
- The installation equipment must be arranged in such a way that allows for future accessibility.
- Cables must be neatly bundled with no loose wires left unorganized.
- See subsequent sections for router photo(s), list(s) of items included with shipment, and neatly bundled wiring example photos

## VISIT 1

### A Activity Upon Arrival at Site

- Make Contact with Local & Technical Contact Person:-- **See Appendix A**
- Check Work Order or Ticket for Site-Specific Information
- In case of access denial, contact:----- **PM, Neil Kavanagh**
- Call into the Windstream conference bridge----- **See Remedy ETA for Bridge and PIN**

### B Installation Prep

- Take photos of the existing installation, including port connections** - Upload all photos to your ticket
- Identify the new Windstream LEC Loop (Except BYOB) - See ticket for site Demarc info  
- Contact Windstream Service Activation if unable to locate Demarc
- Verify proper signal at Demarc - Use card light, voltage meter, and loopback plug
- Locate CPE Installation site(s)----- **See local contact for install location**
- Evaluate Inside Wiring Requirements----- See **Section N - Exclusions**
  - Inside Wiring Requirements:-----
    - **Ethernet** - 150' Demarc Extension, if necessary
    - **T-1** – 150' Demarc Extension, if necessary
    - **BYOB/Cable** - None
    - **Miscellaneous Additional work required for install completion**

Demarc extension must be non-plenum Cat5E cable, with a vertical limit of 10 feet from the MPOE inside the Customer's suite or leased space, to a reasonably accessible location near the CPE installation location, which must be within 6 feet of a grounded, 110 VAC, electrical outlet.

### C Windstream Activations Checklist

WIN SA: Once all listed items for your group are verified, copy the appropriate list and paste into the order notes.

Data	Voice	PM
<input type="checkbox"/> PreCog Run		<input type="checkbox"/> Verification Of Site IDs
<input type="checkbox"/> Main Path Up		
<input type="checkbox"/> Secondary Path Up		
<input type="checkbox"/> Tertiary Path Up		
<input type="checkbox"/> Failover Working		

## D Router Installation and Wiring

1. Install the Windstream CPE in the location designated in [Section B](#).
  - a. See site type below for routing/switching CPE list.
  - b. Cable Modems to be installed by LEC.
  - c. When mounting, ensure 1” of space to enable cooling.
  - d. Windstream recommends that the CPE be plugged into a UPS power source whenever possible.

Site Type	WAN 1 CPE	WAN 2 CPE	WAN 3 CPE	SD WAN CPE	Switch
<b>Data Center HA</b>	Cable Modem	Cable Modem	-	Velocloud Edge 840 (x2)	TP-Link SG105 (x2)
<b>HQ HA</b>	Cable Modem	Cisco 819G	-	Velocloud Edge 840 (x2)	TP-Link SG105 (x2)
<b>Cable HA</b>	Cable Modem	Cisco 819G	-	Velocloud Edge 520 (x2)	TP-Link SG105 (x2)
<b>T-1 HA</b>	Adtran 3430 or Cisco 1921	Cable Modem	Cable Modem	Velocloud Edge 520 (x2), SFP Module (x2)	TP-Link SG105 (x3)
<b>T-1 – 1</b>	Adtran 3430 or Cisco 1921	Cable Modem	-	Velocloud Edge 520	-
<b>T-1 – 2</b>	Adtran 3430 or Cisco 1921	Cisco 819G	-	Velocloud Edge 520	-
<b>10M Ethernet (Win)</b>	Adtran 3430 or Cisco 1921	Cisco 819G	-	Velocloud Edge 520	-
<b>10M Ethernet (BYOB)</b>	Customer Provided	Cisco 819G	-	Velocloud Edge 520	-
<b>Cable/BYOB</b>	Cable Modem/ BYOB Router	Cisco 819G	-	Velocloud Edge 520	-

2. Run required Inside Wiring as described in [Section B](#).
  - a. If running a new Demarc extension, install and test connectivity of an RJ11 or RJ45 surface-mounted wall jack (as appropriate) to the extended Demarc for the WAN circuit.
3. Make the following connections to the installed CPE, and connect or turn on power:

Site Type	CPE	Port		CPE	Port
<b>HQ HA</b>	Cisco 819G	-	➔	-	-
<b>Cable HA</b>	Cisco 819G	-	➔	-	-
<b>T-1 (All) with 3430</b>	Adtran 3430	WAN-T1	➔	T1 Smart Jack	-
<b>T-1 (All) with 1921</b>	Cisco 1921	T1/E1	➔	T1 Smart Jack	-
<b>10M Ethernet (Win) with 3430</b>	Adtran 3430	Eth 0/1	➔	LEC Ethernet Handoff	-
<b>10M Ethernet (Win) with 1921</b>	Cisco 1921	GE 0/0	➔	LEC Ethernet Handoff	-
<b>10M Ethernet (BYOB)</b>	Cisco 819G	-	➔	-	-
<b>Cable/BYOB</b>	Cisco 819G	-	➔	-	-

## E Windstream Service Testing

1. **Canadian Sites:** Confirm the following with customer vendors (CRH, Rogers) before proceeding:
  - a. Customer vendor has converted from BGP to OSPF.
  - b. Customer MPLS has been converted to BIA (if required).
  - c. Site is prepared for a 45-minute service interruption.
2. Connect your laptop to the first available LAN/Ethernet port on the CPE, and power on the CPE.
3. Attempt to surf the Internet. If successful, navigate to <http://speedtest.Windstreambusiness.com/> to begin a speed test.
  - a. Refer to Customer IP Sheet to determine proper settings for speed test. Settings on your laptop must match settings on CPE to ensure accurate testing.
  - b. Under TCP/IP Protocols on Installer laptop, set IP address type to DHCP or Static to match settings on CPE (refer to Customer IP Sheet to determine proper settings).
  - c. Set speed on laptop NIC to 100 Mbs, Full Duplex, to match settings on CPE.
4. Contact Windstream Service Activation at (844) 286-2185.
5. Test Internet connectivity by following instructions provided by the WIN SA Technician.
  - a. **Success Criteria:** Successful browsing and ping to 4.2.2.2
6. Win SA: If Applicable, test signal strength on the Cisco 819G and note the results
  - a. Run command `<sh cellular X/X/X radio>` replacing X/X/X with appropriate interface.

RSRP	Signal Strength	SINR Value	Throughput
> -90 dBm	Excellent	> 10	Excellent
-90 dBm to -105 dBm	Good	6 to 10	Good
-106 dBm to -120 dBm	Fair	0 to 5	Fair
< -120 dBm	Poor	< 0	Poor

RSRQ	Signal Quality
> -9 dB	Excellent
-9 dB to -12 dB	Good
< -13 dB	Fair to Poor

## F SD WAN Activation

1. **WIN SA: Canadian Sites:** Confirm DHCP Relay for VLAN 1 (10.102.3.46).
2. Make the following connections to the installed CPE, and connect or turn on power:
  - a. **WIN SA: For BYOB Ethernet Site:** Conference in Customer IT Contact listed in the order notes.

Site Type	CPE	Port		CPE	Port
Data Center	TP-Link SG105 #1	5	→	Cable Modem	Any Available
	Edge 840 #1	GE 3	→	TP-Link SG105 #1	1
	Edge 840 #1	GE 4	→	TP-Link SG105 #2	2
	Edge 840 #2	GE 3	→	TP-Link SG105 #1	2
	Edge 840 #2	GE 4	→	TP-Link SG105 #2	1
	Edge 840 #1	GE 1		Edge 840 #2	GE 1
HQ	TP-Link SG105 #1	5	→	Cable Modem	Any Available
	Edge 840 #1	GE 3	→	TP-Link SG105 #1	1
	Edge 840 #1	GE 4	→	TP-Link SG105 #2	2
	Edge 840 #2	GE 3	→	TP-Link SG105 #1	2
	Edge 840 #2	GE 4	→	TP-Link SG105 #2	1
	Edge 840 #1	GE 1		Edge 840 #2	GE 1
Cable HA	TP-Link SG105 #1	5	→	Cable Modem	Any Available
	Edge 520 #1	GE 1	→	TP-Link SG105 #1	1
	Edge 520 #1	GE 2	→	TP-Link SG105 #2	2
	Edge 520 #2	GE 1	→	TP-Link SG105 #1	2
	Edge 520 #2	GE 2	→	TP-Link SG105 #2	1
	Edge 520 #1	LAN 1	→	Edge 520 #2	LAN 1
T-1 HA	TP-Link SG105 #1	5	→	Adtran 3430	Eth 0/2
				<b>Or</b>	
				Cisco 1921	GE 0/1
	Edge 520 #1	SFP 1	→	TP-Link SG105 #1	1
	Edge 520 #1	GE 1	→	TP-Link SG105 #2	1
	Edge 520 #1	GE 2	→	TP-Link SG105 #3	1
	Edge 520 #2	SFP 1	→	TP-Link SG105 #1	2
	Edge 520 #2	GE 1	→	TP-Link SG105 #2	2
Edge 520 #2	GE 2	→	TP-Link SG105 #3	2	
Edge 520 #1	LAN 1	→	Edge 520 #2	LAN 1	
T-1 (All)	Edge 520	GE 1	→	Adtran 3430	Eth 0/2
				<b>Or</b>	
				Cisco 1921	GE 0/1
10M Ethernet (Win)	Edge 520	GE 1	→	Adtran 3430	Eth 0/2
				<b>Or</b>	
				Cisco 1921	GE 0/1
10M Ethernet (BYOB)	Edge 520	GE 1	→	Customer Ethernet Router	As Directed
Cable/BYOB	Edge 520	GE 1	→	BYOB Modem/Router	Any Available

3. Connect your laptop to the **LAN 1 port** of the Edge 520, or the **GE 2 port** of the Edge 840.
  - a. Ensure DHCP is enabled on your laptop.
4. Verify that Google Chrome internet browser is installed on your laptop.
  - a. Download and Install Chrome if it is not already installed. (IE 11 is an alternate browser if Chrome is not available).
5. Provide your email address to WIN SA to receive the activation email.
6. WIN SA: Will generate the activation email from the SD WAN Orchestrator and send to the Installer on site.
  - a. CC yourself to retain the email in case it does not get properly forwarded to the Installer
7. Activate the VeloCloud Edge by copying the URL, and pasting it into the address bar of your Google Chrome Browser.
  - a. Device will download the required config and reboot.
8. Test Internet connectivity by successful browsing and ping to 4.2.2.2 or 8.8.8.8.
9. Connect the secondary WAN link as follows:

Site Type	CPE	Port		CPE	Port
Data Center	TP-Link SG105 #2	5	➔	Cable Modem	Any
HQ	TP-Link SG105 #2	5	➔	Cisco 819G	FE 0
Cable HA	TP-Link SG105 #2	5	➔	Cisco 819G	FE 0
T-1 HA	TP-Link SG105 #2	5	➔	Cable Modem #1	Any
	TP-Link SG105 #3	5	➔	Cable Modem #2	Any
T-1 – 1	Edge 520	GE 2	➔	Cable Modem	Any
T-1 – 2	Edge 520	GE 2	➔	Cisco 819G	FE 0
10M Ethernet (Win)	Edge 520	GE 2	➔	Cisco 819G	FE 0
10M Ethernet (BYOB)	Edge 520	GE 2	➔	Cisco 819G	FE 0
Cable/BYOB	Edge 520	GE 2	➔	Cisco 819G	FE 0

10. WIN SA: Verify all paths are up in the SD WAN Orchestrator.
11. Win SA: Run an ARP table dump from the SD WAN Orchestrator.
  - a. Confirm you can see all Windstream managed devices in the ARP table.
12. Win SA: Verify MRS routes are in the VeloCloud for any connected, managed devices.
  - a. Ping and ssh the MRS Loopback IPs from [Bastion](#).
  - b. Switches/Trunked Ports: Ensure the trunk port on the VeloCloud has the correct untagged VLAN set.
  - c. If there are additional LAN routes, ensure the VeloCloud has them pointed to the correct L3 device.

## G Migration

1. WIN SA: Conference in Customer IT Contact listed in the order notes.
2. Customer IT: Will make any necessary LAN changes and give the okay to migrate the LAN connection.
3. Installer: Make the following connections

Site Type	CPE	Port		CPE	Port
Data Center HA	Edge 840 #1	GE 2	→	Customer LAN	As Directed
	Edge 840 #2	GE 2	→	Customer LAN	As Directed
HQ HA	Edge 840 #1	GE 2	→	Customer LAN	As Directed
	Edge 840 #2	GE 2	→	Customer LAN	As Directed
Cable HA	Edge 520 #1	LAN 8	→	Customer LAN	As Directed
	Edge 520 #2	LAN 8	→	Customer LAN	As Directed
T-1 HA	Edge 520 #1	LAN 8	→	Customer LAN	As Directed
	Edge 520 #2	LAN 8	→	Customer LAN	As Directed
T-1 – 1	Edge 520	LAN 8	→	Customer LAN	As Directed
T-1 – 2	Edge 520	LAN 8	→	Customer LAN	As Directed
10M Ethernet (Win)	Edge 520	LAN 8	→	Customer LAN	As Directed
10M Ethernet (BYOB)	Edge 520	LAN 8	→	Customer LAN	As Directed
Cable/BYOB US	Edge 520	LAN 8	→	Customer LAN	As Directed
Cable/BYOB CAN	Edge 520	LAN 8	→	Customer Switch	24

4. WIN SA: Run PreCog testing. Enter your OMS in [MRS](#), and verify polling results. Begin Ticketing if successful.
  - a. CPE Fault
  - b. CPE Config (Can be bypassed if FortiGate)
  - c. CPE Availability (Bypass if CPE installed within the last 24 hours)
  - d. CPE Performance

## H High Availability Testing, If Applicable (See [Velo HA Testing](#) for Additional Info)

**NOTE:** For sites that were previously activated and then had HA added at a later date:

The 840 series VCE does not have a status light indicating which VCE is the active, and the 'hover over' action in the VCO is not always accurate. In order to determine the active VCE for an 840 HA, check the event log for the most recent event with the title "high availability ready" in the "event" column. If you are unable to find this HA event in the event log, you may have to force failover, by powering one device down. The one remaining would then be the current active VCE. Then, power the other VCE back up.

1. Installer: Verify VeloCloud Edge LED Status **(5X0 Series ONLY):**
  - a. **VCE1** – Active VCE (green cloud displayed) connected to SW1
  - b. **VCE2** – Backup VCE (blue cloud displayed) connected to SW2
  
2. Win SA/Installer: TEST1 – Simulate failed **Active** VCE
  - a. Determine Active VCE.
  - b. Power down Active VCE.
  - c. Verify full store functionality with MOD, after 2 minutes.
  - d. Restore power to powered-down VCE and verify an event called "High Availability Ready". This will list the Standby VCE only. The other is Active.
  - e. **SUCCESS Criteria:** HA fails over to original Standby VCE.
  
3. Win SA/Installer: TEST2 – Simulate Primary WAN outage of current **Active** VCE
  - a. Disconnected Cable Modem or BIA-side WAN of the **Active** VCE
  - b. Verify HA has switched over to the other VCE.
  - c. Verify full store functionality with MOD.
  - d. Re-connect Primary WAN cable and let normalize (2-3 mins)
  - e. **SUCCESS Criteria:** HA Active restores back to original Active VCE.
  
4. Win SA/Installer: TEST4 – Simulate Circuit outage
  - a. **NOTE:** This is circuit testing only and will NOT trigger HA failover.
  - b. Disconnect Cable Modem or BIA WAN from TP-Link switch (typically port 5).
  - c. Verify one overlay goes down in VCO.
  - d. Verify store functionality with MOD on the remaining circuit.
    1. **NOTE:** Some applications may fail by design (e.g., Guest WiFi)
  - e. Re-connect Cable Modem or BIA WAN cable to TP-Link switch (port 5).
  - f. Repeat steps 4a – 4f on the remaining circuit(s).

## I Coordinated Customer Testing

1. Customer IT: With Installer and WIN SA on the line, will perform a selection of the following predetermined tests, based on store-specific needs. WIN SA and Installer will assist Customer IT with any necessary troubleshooting (up to 20 minutes).
  - a. Citrix
  - b. Web
  - c. Office 365
  - d. SAP
  - e. VoIP
  - f. inField
  - g. inField Mobile
  - h. CMMS
  - i. CMMS Mobile
  - j. Viewpoint
  - k. JWS, point of sale system
  - l. Onbase
  - m. Office 365
  - n. Proactis
  - o. Customer Portal
  - p. Quote to Cash
  - q. Phones
2. All Parties: Test Failover to Secondary circuit by performing a simulated outage of the Primary circuit.
  - a. Disconnect Primary circuit.
  - b. Customer IT: Retest all items from **Section I 1**.
  - c. Reconnect Primary circuit and repeat testing.
3. WIN SA: Confirm that both paths are green in the SD WAN Orchestrator before proceeding.
4. All Parties: Test Failover to Primary circuit by performing a simulated outage of the Secondary circuit.
  - a. Disconnect Secondary circuit.
  - b. Customer IT: Retest all items from **Section K, 1**.
  - c. Reconnect Secondary circuit and repeat testing.
5. **Success Criteria**: Completion of all tests listed in **Sections K, 1, K, 2, and K,4** in primary and backup environments.

## J Backout Plan

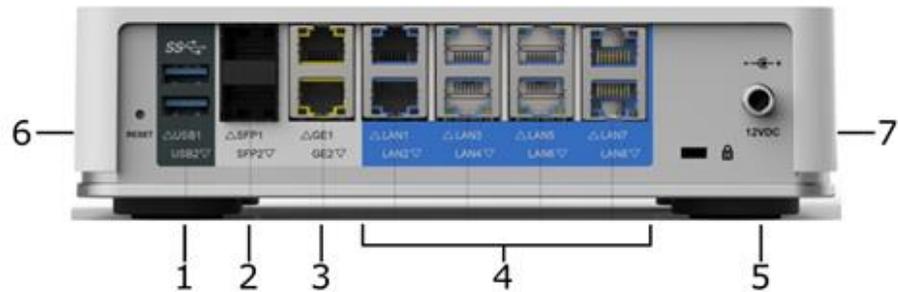
1. In the event that success criteria are not met, the installer will restore all equipment to the former, Legacy state using “before” photos from **Section F** as a reference, and ensure that all phones and other applicable services are working as they did in the Legacy environment

## K Upon Completion

- Verify all services are up and running.
- Clean up wire, plastic, paper, or any other trash left over from install. Dispose of all debris into Customer-approved debris bin.
- Take “after” photos of the completed installation and attach them to your ticket.**
- Complete Work Order documentation.
- See Manager before leaving site, and obtain signature on Work Order.
- Leave CPE shipping box with Manager on duty (for use if RMA is required).
- WIN SA: If you have any issues with the MOP, please provide feedback by following this link and clicking the  [Respond to this Survey](#) button

## L Routers and Items Included in Shipping Box

VeloCloud Edge 520	
Included in Shipping Box	
1	Base Unit
1	12V DC Power supply
2	Ethernet Cables



- 1. USB Ports 1-2
- 2. SPF Slots 1-2
- 3. WAN Ports (GE 1 - GE 2)
- 4. LAN Ports (LAN 1 - LAN 8)
- 5. 12V DC Power Port
- 6. USB Port 3
- 7. USB Port 4

VeloCloud Edge 840	
Included in Shipping Box	
1	Base Unit
1	12V DC Power supply
2	Ethernet Cables



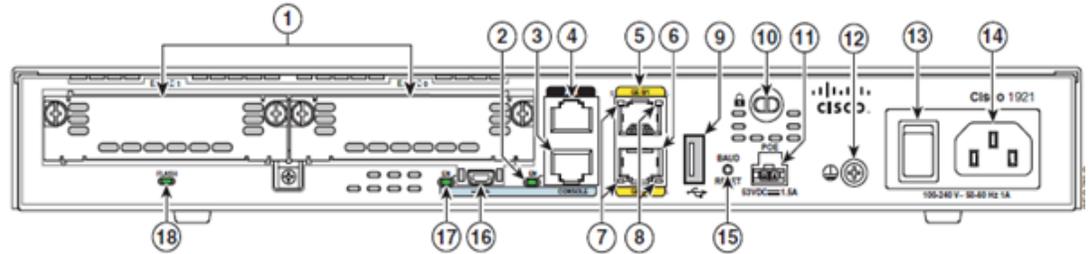
TP-Link SG105	
Included in Shipping Box	
1	5 Port Switch
1	Mounting Hardware



Adtran 3430	
Included in Shipping Box	
1	Base Unit
1	Power Supply
1	Rubber Mounting Feet
1	Documentation Packet
1	Mounting Brackets

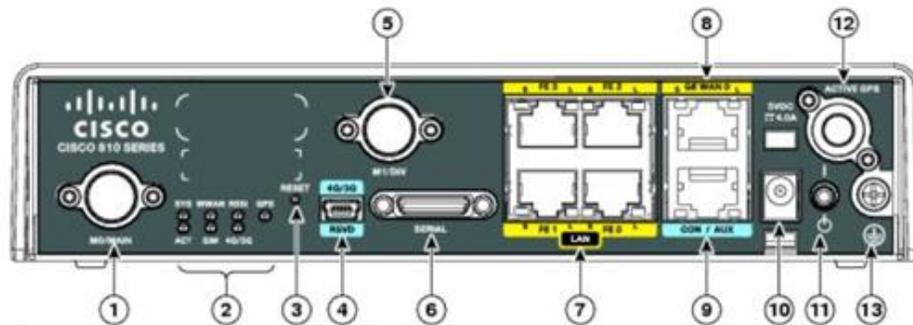


Cisco 1921	
Included in Shipping Box	
1	Base Unit
1	Power Supply
1	Console Cable
1	Mounting Brackets



- |                                     |                              |                             |
|-------------------------------------|------------------------------|-----------------------------|
| 1. EHWIC slots 0 - 1 (0, Far right) | 7. Speed (S)                 | 13. On/Off Switch           |
| 2. Enable RJ-45 Console (EN)        | 8. Link (L)                  | 14. Input Power Connection  |
| 3. RJ-45 Serial Console Port        | 9. USB Port                  | 15. Baud Reset              |
| 4. AUX Port                         | 10. Kensington Security Slot | 16. USB Serial Port         |
| 5. GE 0/1                           | 11. PoE Port                 | 17. Enable USB Console (EN) |
| 6. GE 0/0                           | 12. Ground Connector         | 18. Flash                   |

CISCO 819	
Included in Shipping Box	
1	Console cable
1	RJ-45 straight thru cable
1	AC Power supply/cord
1	Configuration CD
2	Cellular Antennas
3	Wi-Fi Antennas



- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 1. 4G Antenna Connector – MO/Main | 8. GE WAN Port                   |
| 2. LEDs                           | 9. Console/Aux Port              |
| 3. Reset Button                   | 10. Power Input                  |
| 4. 4G/3G Port                     | 11. Power Switch                 |
| 5. 4G Antenna Connector – M1/DIV  | 12. Active GPS Antenna Connector |
| 6. Serial Port                    | 13. Ground                       |
| 7. FE Ports (FE 0 – FE 3)         |                                  |

## M Neatly Bundled Wiring Examples



## **N Scope of Work Exclusions**

The Scope of Work for this MOP EXCLUDES the following without additional approval:

Items in Red cannot be scoped or performed under any circumstances

- Installation or troubleshooting of other equipment, cables, software the AIC is not installing or which is not listed in this document
- Ongoing monitoring or support of any device, software, or equipment not expressly included in the Master Services Agreement
- Ground Wire over 100'
- Wiring over 300'
- Backboard over 4' X 8' X 3/4"
- Moving existing customer equipment to make room for backboard
- Fiber cable
- Cat3,4,6, or 7 Cable
- Conduit Installation
- Any Electrical work requiring licensed electricians
- Installation of new grounding electrode system/pipe/etc.
- Drilling through masonry, firewalls or walls leading to exterior of the customer premises
- Wiring external to the suite/premise (with the exception of the circuit extension)
- Cable runs through plenum
- Cable runs via conduit without available pull string
- Running replacement pull string
- Vertical heights in excess of 10 feet
- Installation of multi-gang wall plates (single wall plates supported)
- Cable runs between floors, buildings, crawl space or attics
- Disposal of old cable
- Accepting or utilizing site surveys provided by the Customer or from a 3<sup>rd</sup> party

## O Parts and Materials

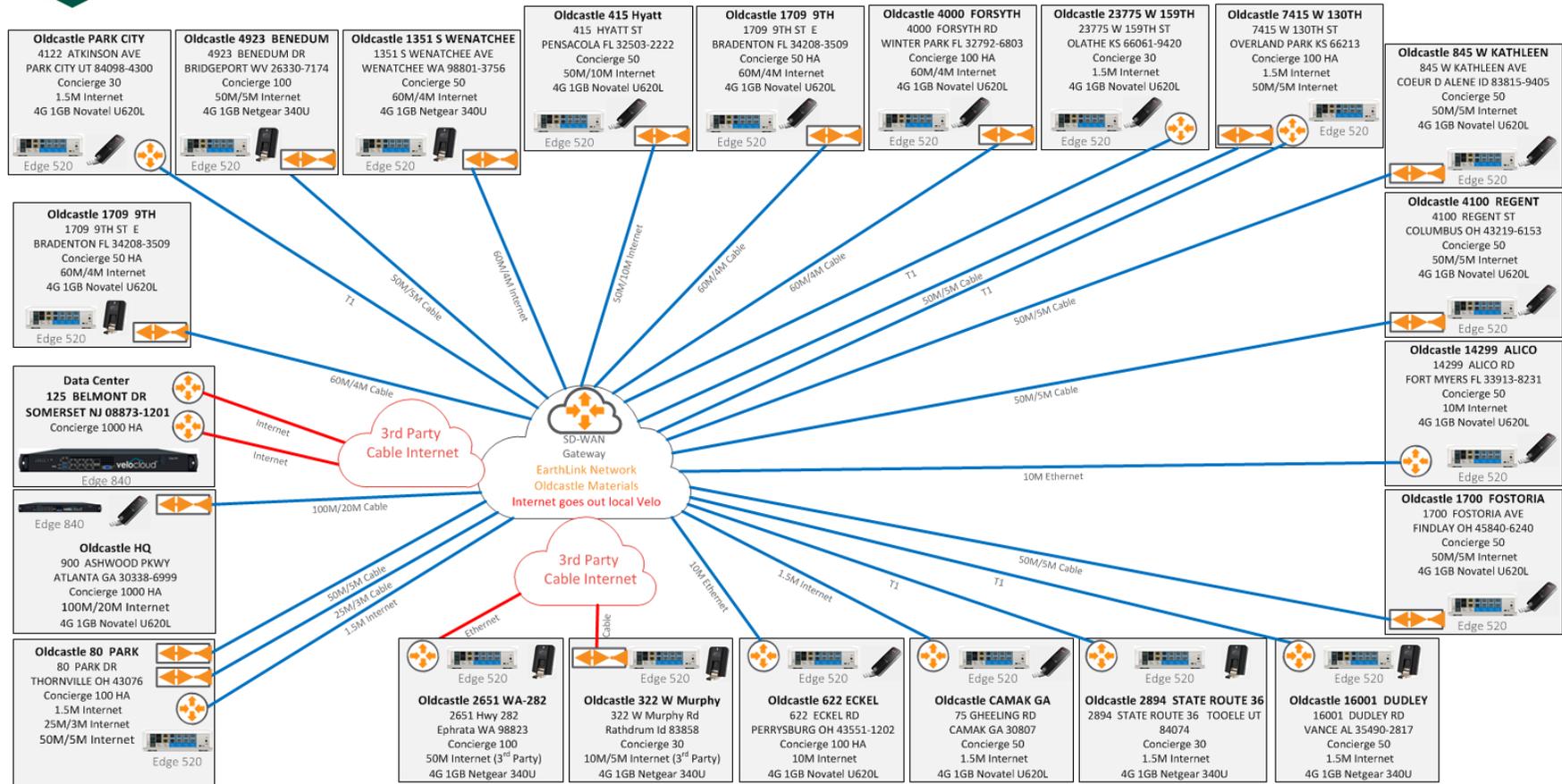
### Standard Equipment:

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• Laptop with network interface card (NIC), Ethernet, Wi-Fi, USB with serial port adaptor, CD/DVD-ROM, Windows 7 or newer, and Google Chrome browser.</li><li>• Wire strippers and Telco Snips</li><li>• Tone Generator and Wand</li><li>• Cat5, 4 pair cable (150 feet or more)</li><li>• Cross-Connect Wire (24 Gauge)</li><li>• 100' Extension Cord</li><li>• Assorted Iffi through #12 concrete anchors</li></ul> | <ul style="list-style-type: none"><li>• Punchdown Tool with 66 and 110 bit</li><li>• RJ11/45 Crimp Tool</li><li>• Butt Set (amplified recommended)</li><li>• Cell Phone</li><li>• Serial Console Cable</li><li>• Tie Wraps</li><li>• Assorted pan-head, self-tapping screws (#8, 10, and 12), or other assorted mounting screws</li></ul> |
|---|---|

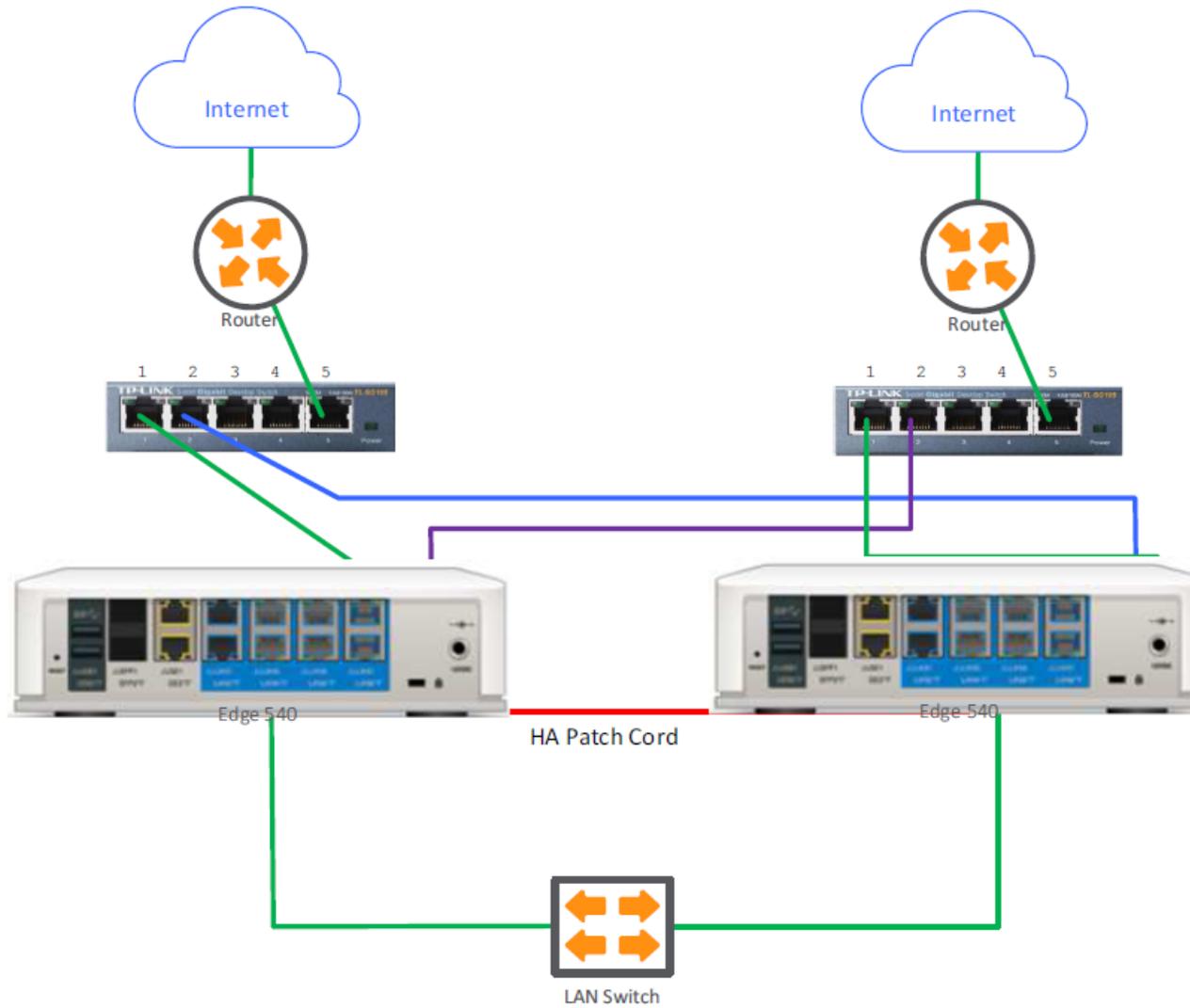
### For Ethernet Access:

- |   |
|---|
| <ul style="list-style-type: none"><li>• Ethernet Test Set</li></ul> |
|---|

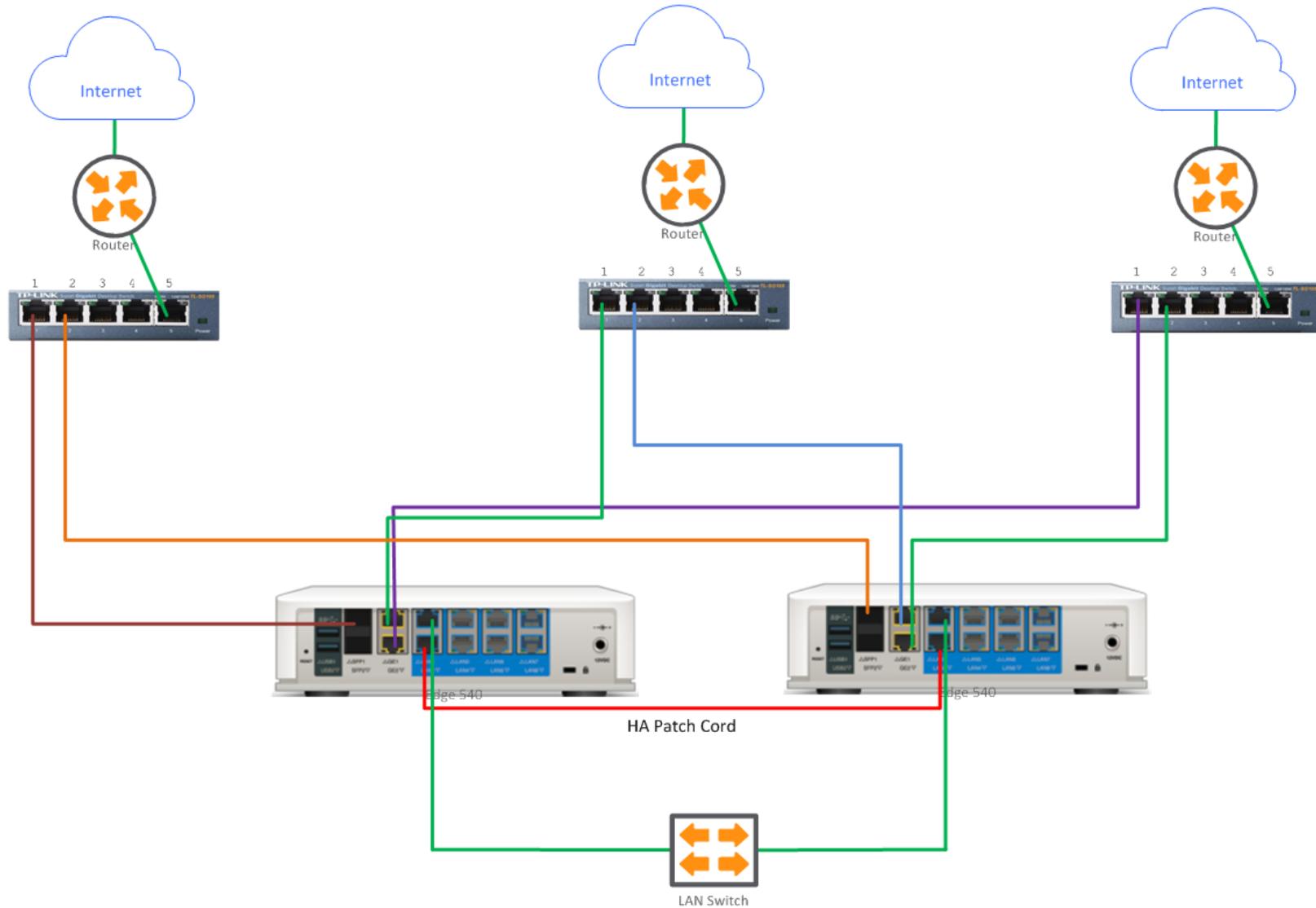
## P Network Diagram



## Dual WAN High Availability Diagram



## Triple WAN High Availability Diagram



## Q Appendix A: Site Contact List

Site	Local Contact	On-Site Field Tech
11913 SR 54, Odessa, FL 33556, USA	Paul Haughton - 813-712-9780	Paul Haughton - 813-712-9780
1351 S Wenatchee Ave, Wenatchee, WA 98801, USA	Keith Grubb - 509-662-9763	Andrey Marchenko - 253-261-5065
14299 Alico Rd, Fort Myers, FL 33913, USA	Kalvin Houk - 239-300-5959	Paul Haughton - 813-712-9780
16001 Dudley Rd, Vance, AL 35490, USA	Taurus Green - 205-556-9960	Philip Burgess - 205-410-7734
1700 Fostoria Ave, Findlay, OH 45840, USA	Tristan Black - 419-306-6818	Tristan Black - 419-306-6818
1709 9th St E, Bradenton, FL 34208, USA	Mark Heffelfinger - 941-915-1022	Paul Haughton - 813-712-9780
23775 159th St, Olathe, KS 66061, USA		TJ Freeman -913-229-2964
2651 WA-282, Ephrata, WA 98823, USA	Kevin Walker - 509-754-5287	Andrey Marchenko - 253-261-5065
2894 S. SR36 Tooele, UT 84199, USA	Mike -801-330-7979 (cell)	Chris Herring - 801-814-2304
305 W Murphy Rd, Hayden, ID 83835, USA	Mike Howell - 208-292-5214	Don Leister - 704-7738628
4000 Forsyth Rd, Winter Park, FL 32792, USA	Yoel Pino - 239-229-5689	Paul Haughton - 813-712-9780
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415 Hyatt St, Pensacola, FL 32503, USA	Jeff Long - 850-380-7692	Jeff Long - 850-380-7692
4923 Benedum Dr, Bridgeport, WV 26330, USA	Wendy Richards - 304-592-7059	Rob Dickens - 304-410-8143
622 Eckel Rd, Perrysburg, OH 43551, USA	Julie Fuller - 419-392-5555	Jeff St. Charles - 734-431-9524
7415 W 130th St, Overland Park, KS 66213, USA	TJ Freeman -913-229-2964	TJ Freeman -913-229-2964
75 Gheesling Rd, Camak, GA 30807, USA	David Stewart - 706-962-1785	Philip Burgess - 205-410-7734
80 Park Dr, Thornville, OH 43076, USA	Shaun Lehman - 704-334-8659	Shaun Lehman - 704-334-8659
845 W Kathleen Ave, Coeur d'Alene, ID 83815, USA	Mark Alberts - 541-687-5034	Don Leister - 704-7738628
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