



CRHC Preferred Partner
Internet & Managed Services

prepared for,

 **COLORADO
RURAL HEALTH
CENTER**

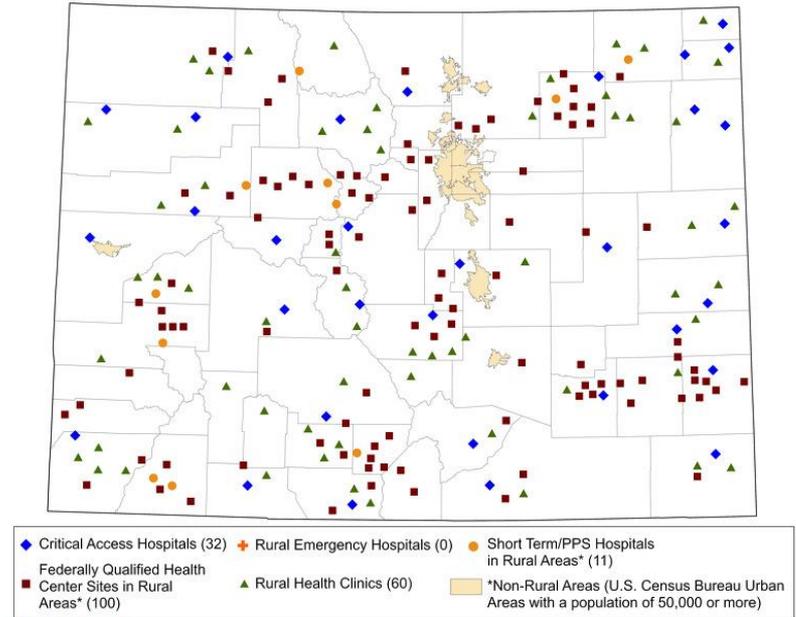
The State Office of Rural Health



➤ **Visionary Communications**, is a rural/suburban Broadband Internet provider in over 100 communities in Colorado, Montana, New Mexico and Wyoming.

➤ We have been serving rural healthcare (Critical Access Hospitals and Clinics) for over 15 years with licensed microwave and fiber optic high-speed Internet, wide area networks and managed services.

Selected Rural Healthcare Facilities in Colorado



Data Source(s): data.HRSA.gov,
U.S. Department of Health and Human
Services, October 2024



➤ As a Colorado Rural Health Center “Preferred Partner”, Visionary has the following services available for CRHC members:

DYNAMICVIEW - 24x7x365 “live” data and network health monitoring and mapping service with:

- Continuous live network mapping
- Router/firewall/switch/server trouble alarming/alerting
- Enhanced network security through:
 - > On-going network analysis
 - > Configuration back-up,
 - > Network device end of support
 - > Layer 7 end-to-end network analysis (LAN/WAN and Internet)

TOP DEVICE USAGE

Device Name	Usage
auvik-virtual-appliance	20 Mbit/s
HPE-Auwik	15 Mbit/s
CiscoG550X-24	6.3 Mbit/s
lab-sw1-ag300	6.1 Mbit/s
SonicWall	3.7 Mbit/s
dell-powerconnect	2.1 Mbit/s

TOP DEVICE UTILIZATION

Device Name	CPU	Memory	Storage
auvik-virtual-appliance	100.39%	12.16%	57.17%
auvik-virtual-appliance	99.91%	12.22%	55.65%
auvik-virtual-appliance	99.91%	12.28%	57.49%
ubuntustage	69.59%	12.83%	4.39%
lab-sw1-ag300	67.66%	0.00%	0.00%

ALL INTERNET CONNECTIONS

Interface	Total Bandwidth
Adaptive Security Appliance 'outside' interface on reis-auwik-asa	
X1 (WAN) on SonicWall	

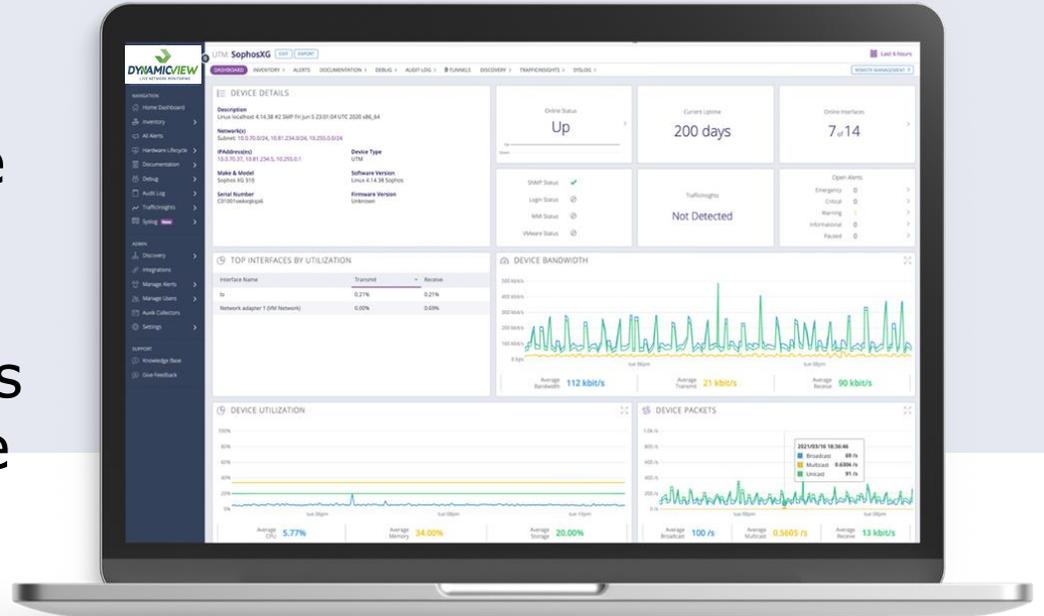
Open Alerts

Alert Type	Count
Emergency	0
Critical	0
Warning	27
Informational	216
Paused	0

Component Statuses (VMware HyperV)

Status	Count
OK	21
Degraded	0
Failed	0

With ***DYNAMICVIEW'S*** 24x7x365 live network monitoring software, you see a full picture of your network, including device details, end points connected, Internet and other external connections and network performance problems as they occur.



Deep network discovery generates a real-time network map & device inventory.

With the full picture, we know what's there & can suggest effective improvements.



The screenshot displays the DynamicView network management interface. At the top, there is a search bar and a navigation menu. The main area shows a network map with various devices and connections. Below the map, there are several dashboards and tables.

NAVIGATION

- Home Dashboard
- Inventory
- All Alerts
- Hardware Lifecycle
- Documentation
- Debug
- Audit Log
- Trafficsights
- Syslog

ADMIN

- Discovery
- Integrations
- Manage Alerts
- Manage Users
- Auik Collectors
- Settings

SUPPORT

- Knowledge Base
- Give Feedback

Search the map

Remove all filters

Showing 57 of 107 devices

Home: [redacted] Waterloo Office

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ubuntustage	69.59%	12.83%	4.39%
lab-sw1-ea10n	67.66%	n.n%	n.n%

Open Alerts

- Emergency: 0
- Critical: 0
- Warning: 27
- Informational: 216
- Paused: 0

Component Statuses (vMware Hypervisors)

- OK: 21
- Degraded: 0
- Failed: 0

ALL INTERNET CONNECTIONS

Search Internet Connections

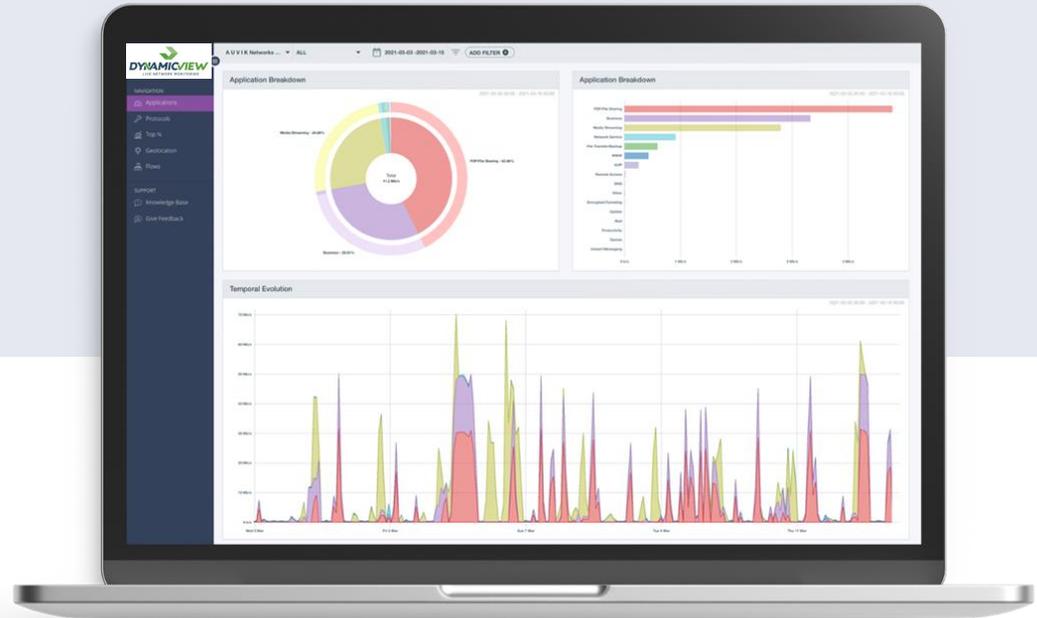
Interface: Adaptive Security Appliance 'outside' interface on res-auvik-asa

X1 (WAN) on SonicWall

Plus, with TrafficInsights™ you get deep visibility into **what** applications are being used, **who's** using them, and **where** your data is going.

We can help you understand:

- Who's using banned applications
- Who's hogging your bandwidth (and how)
- If traffic is going to high-risk regions
- What devices a hacked server connected to during an attack



Real-time alerts indicate if there are problems that should be fixed.

If devices are acting up, you'll be able to dive into the details to diagnose the root cause.

Information is actionable so you can troubleshoot quickly & easily.

The screenshot shows the 'Manage Alerts' interface in DynamicView. The left sidebar contains navigation options like Home Dashboard, Inventory, All Alerts, Hardware Lifecycle, Documentation, Debug, Audit Log, TrafficSights, Syslog, ADMIN (Discovery, Integrations, Manage Alerts), Alerts, Notification Channels, Maintenance Windows, Manage Users, Avast Collectors, Settings, and SUPPORT (Knowledge Base). The main area displays a list of 61 alerts. A purple circle highlights a subset of these alerts:

Severity	Alert Title	Trigger Condition
Critical	DNS (DoS)	UPS - Percent Charged is less than or equal to 20.0%
Critical	Temperature	Total Packet Count is greater than 5000000 and Total Broadcast Packet Percentage is greater than 85%
Warning	Number of SSL VPN Maximum	Avast collector Connection Status is Disconnected and Disconnect Duration exceeds defined threshold
Warning	Software Version Ch	Device Type is Network Element and Online Status is Offline
Warning	VMware Snapshot R	Service Status is equal to Down
Warning	Recent VMware	System Board Temperature is equal to 50 Celsius
Warning	VMware	Percentage of SSL VPN Sessions in Use is greater than equal to 100%

At the bottom of the interface, there is a footer with links for Knowledge Base, Privacy Policy, and Terms of Service, along with copyright information for 2013-2021 Avast Networks.

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DYNAMICVIEW

helps you mitigate network risk with configuration backups and “single pane of glass” device management which reduces security vulnerability.



Automated configuration management helps you get back up & running quickly.

We can instantly bring back any configuration from your version history to restore working order **fast**.

Backups are automated.

The screenshot displays the DynamicView network management interface. At the top, there is a search bar and a network diagram showing various nodes and connections. Below the diagram, the interface is divided into several sections:

- Navigation:** A sidebar menu with options like Home Dashboard, Inventory, All Alerts, Hardware Lifecycle, Documentation, Debug, Audit Log, Trafficsights, Syslog, ADMIN (Discovery, Integrations, Manage Alerts, Manage Users, Auvik Collectors, Settings), and SUPPORT (Knowledge Base, Give Feedback).
- Configuration History:** A table titled "180 CONFIGURATIONS" with columns for Deployment Date and a "CURRENTLY RUNNING" status. The table lists various configuration updates with timestamps.
- Configuration File:** A section titled "JULY 5TH 2020, 5:13:00 PM" showing a configuration file with commands like "show running-config", "vlan database", "voice vlan out-table", "lscsi target port", "hostname dell-powerconnect", "no logging console", "username admin", "ip ssh server", "ip http secure-server", "service cpu-counters", and "interface vlan 70".

At the bottom of the interface, there is a footer with links for Knowledge Base, Give Feedback, Privacy Policy, and Terms of Service, along with copyright information for Auvik Networks.

We can provide you with an initial “no charge” live network assessment, via ***DYNAMICVIEW***

- Secure ***DYNAMICVIEW*** set up requires little time and we will work with you and/or your network specialists to begin the initial network assessment.
- Once enabled ***DYNAMICVIEW*** automatically begins to identify all the devices connected to your network and creates your live network map.
- We can then assist you to set up critical device alarming and alerting to identify and resolve issues quickly.

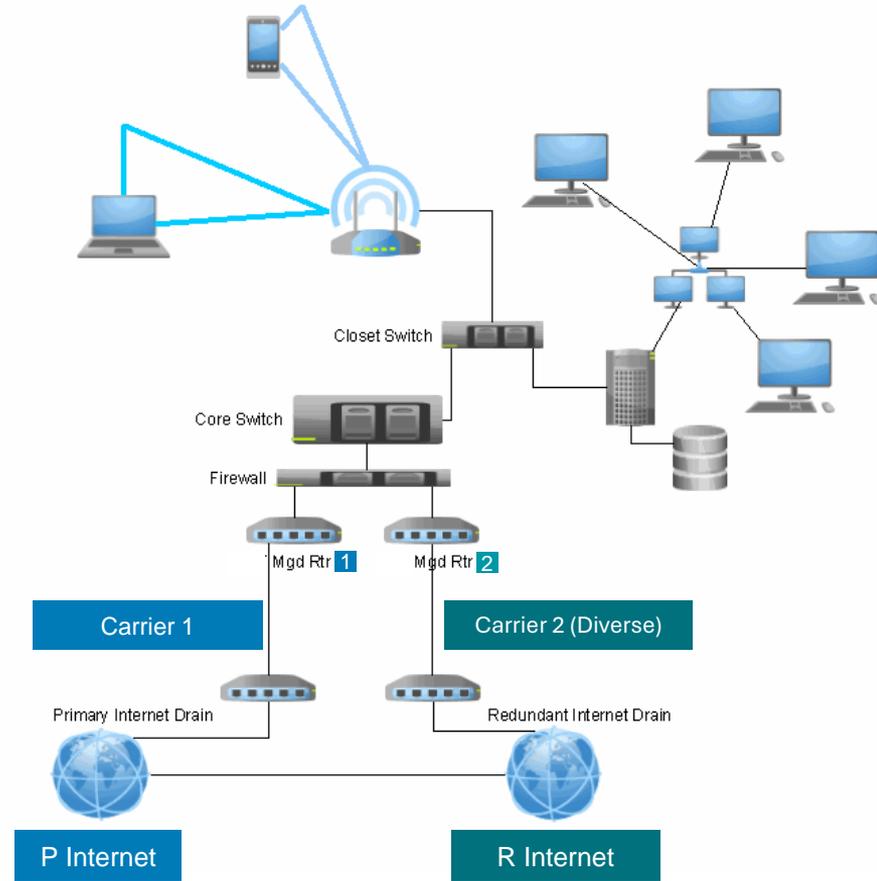
Visionary is also a qualified participant in the Federal Communications Commission's, Rural Healthcare Program, the "**Healthcare Connect Fund (HCF)**".

- Rural Hospitals, rural clinics and nursing facilities can receive up to 65% discount on eligible Internet service, redundant Internet, WAN service, LAN hardware and managed network equipment and managed network services.



Visionary Internet & Managed Services:

- **Primary Internet and Redundant Internet** solutions (via multiple carrier access paths) using fiber optic and licensed microwave radios, with diverse Internet drains in multiple locations
- **Managed Router Service and Redundant Managed Router**, for high availability multi-carrier Internet and private point-to-point WANs
- **Managed Firewall and Redundant Managed Firewall** for high availability network security to protect from malware, ransomware and maintain the most secure network access.



Visionary Internet & WAN Access Tool/Portal

- Visionary is in the final stages of testing a new carrier demarcation access tool/access portal.
- This Portal will provide to healthcare, education, government and enterprise customers access to their Internet and WAN configuration for viewing up/down status and configuration information.
- We anticipate this service to be available within the next 20 - 30 days.

Thank you for your time!



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