

# Proactively Identify and Address Downstream Cable Issues

SpectraVizion provides a proactive view to your downstream spectrum analysis, giving your staff the ability to see which subscribers are being impacted by downstream issues in your cable plant.

Downstream spectrum analysis has always been a reactive process for cable operators. Quite often you don't know about a problem until a customer calls in to complain. Then, the usual process involves rolling a truck to the customer's home, connecting a meter, and checking the downstream signal at one or more test points. It may involve rolling a second truck if it's determined that the cause of the problem is somewhere else in the plant.

SpectraVizion takes the guesswork out of problem identification and the location. It leverages the spectrum data available from cable modems and set-top boxes that support full band capture, so you can view the spectrum remotely from any location. Plus, its advanced detection algorithms automatically identify common problems in the downstream like Standing Waves, FM Noise, Suck-outs, Roll-off and Tilt. Rather than waiting for customers to call, you will see a list of issues on our high-level dashboard so you can prioritize and address them right away. You can also drill in to see the spectrum captured from previous days.

You can even create work orders on the identified issues right within the dashboard, which is sent to the mobile app of the selected technician. As technicians modify or resolve work orders on the mobile app, they are updated in real time in the application dashboard.

## FEATURES:

- Automatically identifies and lists downstream impairments
- View the full spectrum for all data and video channels
- View historical spectrum capture for previous days
- Click and drag to zoom in on specific channels
- Create work orders within the application
- Mobile app included for Android and iOS
- Sort by type of impairment



## AUTOMATICALLY DETECTS THESE COMMON DOWNSTREAM ISSUES:

- Standing Waves
- Suck-outs
- Resonant Peaks
- Adjacency
- Roll-off & Tilt
- Missing Channels
- FM Radio Ingress



**ZCorum™**

1.800.909.9441  
4501 North Point Parkway, Suite 125  
Alpharetta, GA 30022  
ZCorum.com | TruVizion.com  
Facebook.ZCorum.com  
Twitter.com/ZCorum

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