



# Proactive Network Maintenance is Now Easy and Affordable

*PreEqualization Analyzer is a web-based, DOCSIS Proactive Network Maintenance (PNM) tool that will change the way you approach plant maintenance, resulting in an increase in operational efficiency, reduced costs and a better subscriber experience.*

## Fix Upstream Impairments Before They Impact Subscribers



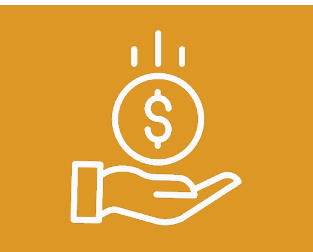
### Find and Fix Upstream Impairments Before They Impact Subscribers

PreEqualization Analyzer collects and analyzes the pre-equalization data from your CMTS and cable modems and automatically identifies which modems are affected by upstream impairments like micro-reflections and group delay. Distance-to-fault estimates help you determine with high accuracy where impairments are, so you can see which issues are in the home or at the drop versus those that are further out in the plant. PEA also identifies modems likely impacted by a common impairment, and plots them on the map so you can find the source of the problem.



### Proactively Address Downstream Spectrum Issues

PreEqualization Analyzer also includes our SpectraVizion module that automatically identifies downstream spectrum issues like Suckouts, Roll-off, Tilt, Standing Waves, Adjacency and FM Noise. You will see a list of affected devices and the spectrum issue. Plus, one click displays the spectrum captured that day or from previous days. You can also rescan the device to capture the current spectrum. No more waiting for your customers to call, followed by a blind search in the field for the problem.



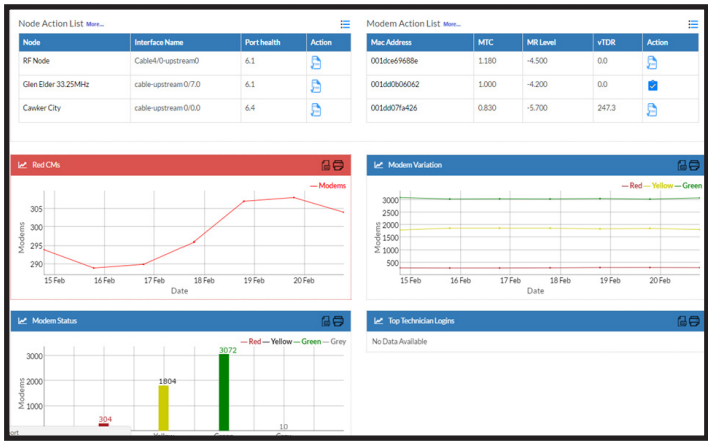
### Save Money, Save Time and Improve the Customer Experience

With PreEqualization Analyzer you can send the right technician to the right place before an issue causes a problem for one or more of your subscribers, increasing the efficiency of your staff and shortening mean-time-to-repair. And let's not forget the benefits for you and your subscribers as you reduce the number of unplanned outages. Compare that to repeatedly rolling trucks in a reactive, trial and error search every time a customer calls in with a complaint.

Contact Us

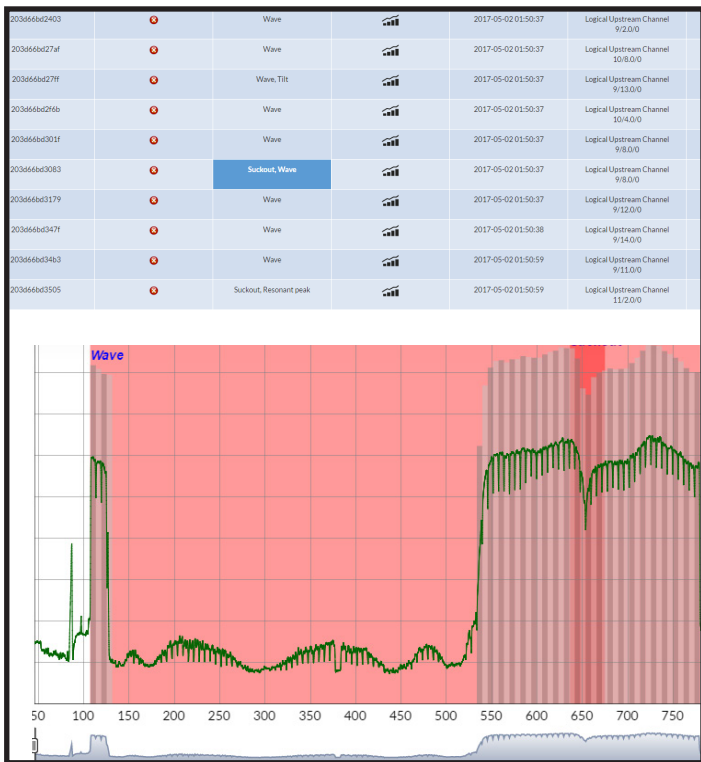
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## Business Intelligence Dashboard

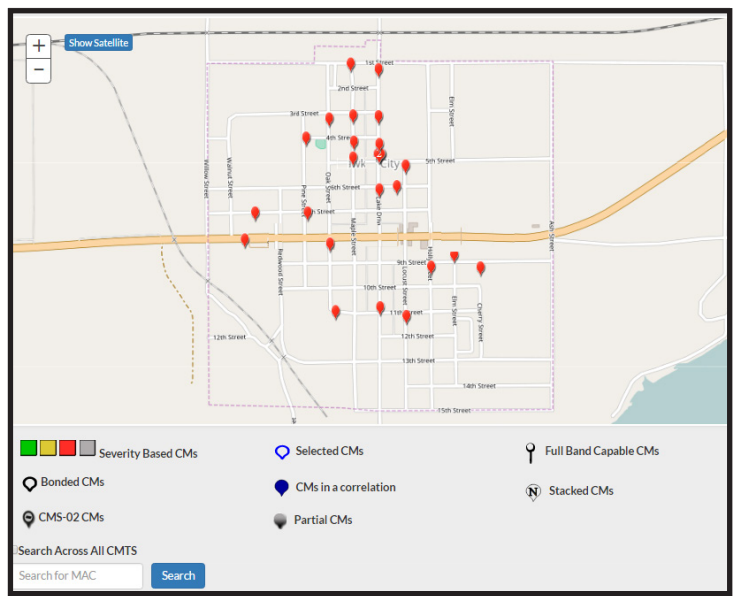
Clearly see which modems and nodes should be addressed first.



## Spectrum Capture

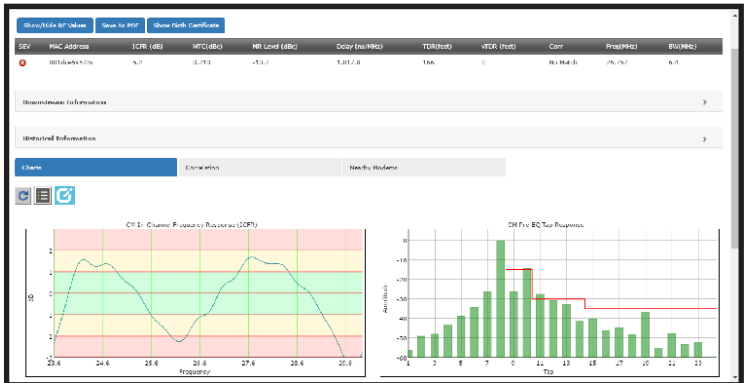
See a list of devices experiencing downstream spectrum issues and view a capture of the full spectrum for any device (data and video).\*

\*Device must support spectrum capture



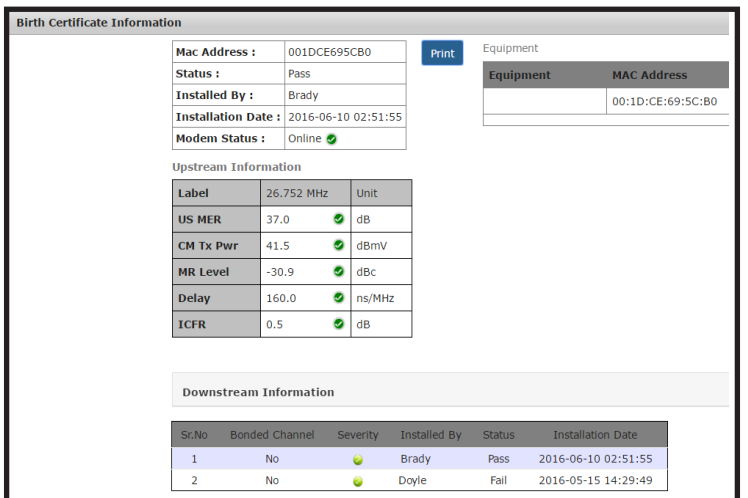
## Intelligent Mapping

See the location of any individual modems experiencing a problem, or groups of modems impacted by a common upstream impairment.



## Device Details

Drill in to see the pre-eq data and RF statistics for all upstreams on any device.



## Birth Certificates

See and track the modem's pre-eq and RF data at the time of install to improve installation success and training.



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