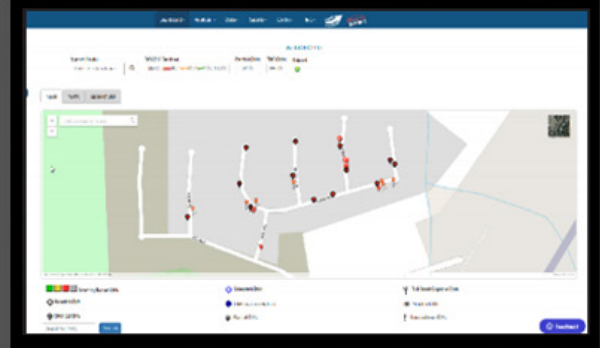




Quickly Track Down Hidden Near-home and In-home Issues



PreEqualization Analyzer, ZCorum's DOCSIS PNM software, in conjunction with Effigis CPAT Flex Leakage Detection system, will show you which homes are affected by ingress and lead you right to the source of the problem.



Identify Likely Sources of Ingress

Wouldn't it be better to identify in-home and near-home issues proactively, before they cause a significant impact to service for one or more subscribers? PreEqualization Analyzer uses DOCSIS PNM technology to show you which modems are most likely being impacted by ingress. You will also see the approximate distance of the echo cavity caused by micro-reflections from faults like cracked or bent cables, bad splitters, and loose or corroded connectors and center seizure screws.



See Details on Impacted Modems

Easily see which modems are most affected by in-home and near-home issues – before subscribers are aware there is a problem. View impacted devices on a map and display detailed PNM and RF performance data. You will also be alerted to groups of modems that are being impacted by the same upstream impairment.






Zero in on the Exact Location

Once you know which homes to target, the CPAT Flex system can isolate the exact source of the leak. It can operate either in 'pressure test mode', detecting high level carriers generated by the portable DSG1 Lite signal generator, or in 'system mode', detecting leakage carriers generated from the DSG1 signal generator located at the headend.

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