

Plant Preventative Maintenance Services



Future proof your technology investment with AMT TECHNICAL SERVICES!

AMT Technical Services support maintenance and upgrade projects in your headend, central office, inside plant, outside plant, and premise locations.

Optimal HFC network performance requires periodic alignment and maintenance reducing and controlling amplifier and non-amplifier distortions in the broadband network, that distortion being directly proportional to picture and data quality issues at the premise. Improve your subscribers' experience and reduce operational cost with these specialized services.

Problem	Service / Benefits
Improper node telemetry alignment causes packet loss and video issues.	Node Optimization <ul style="list-style-type: none"> Improves SNR, BER, MER Allows modulation scheme increase from 16-64 QAM Reduces truck rolls and improves customer satisfaction Adds plant capacity for increased data rates
Faulty modules, improper alignment of modules, improper pad and eq, and improper AGC cause packet loss and video issues.	System Balance <ul style="list-style-type: none"> Identifies and corrects problems with actives in the network Aligns actives to manufacturer's spec for peak performance Reduces video issues and data drop outs Reduces truck rolls and improves customer satisfaction
Physical issues with cable, passives and actives cause packet loss and video issues.	System Sweep <ul style="list-style-type: none"> Identifies and corrects issues caused by water migration, corrosion, faulty modules, improper alignment of actives and damaged cable Improves the SNR, BER, MER Reduces video issues and data drop outs Reduces truck rolls and improves customer satisfaction
Cable cracks, loose fittings, corrosion, noise from homes allows for noise in/out of plant causing packet loss, video issues, and egress.	Noise Suppression <ul style="list-style-type: none"> Identifies and corrects points of ingress and egress Allows for higher speeds Reduces video issues and packet loss Reduces truck rolls and improves customer satisfaction

Advanced Media Technologies, Inc. (AMT) is the leader among CATV and High-End Broadband Electronic Equipment Providers, and is one of the largest distributors of its type in the world. AMT distributes numerous brands of high-tech electronics for the telecommunications industry and provides engineering and professional services to help deliver broadband solutions. Located in Deerfield Beach, Florida, AMT is a wholly owned subsidiary of ITOCHU International, the North American subsidiary of ITOCHU Corporation, one of Japan's leading companies.

AMT Mission Statement: **"Making the customer experience in working with AMT far superior to anything offered by our competitors or vendors."**