

At the KeyTech Group, we believe the key to future growth is expansion and diversification through our subsidiaries. We have always been the principal investor in Bermuda's communications infrastructure... **Unlocking a world of connections!**



Head End Technician

Logic Communications Ltd. Trading as "One Communications" is Bermuda's premier full-service technology and communications provider. Serving residences, small local businesses and global enterprises, Logic offers market-leading Video, Local / international voice and data solutions. Logic is a member of the KeyTech Group.

Logic is seeking experienced applicants with exceptional communication and organizational skills and be committed to driving the success to our customers for the position of **HEAD END TECHNICIAN**.

JOB SUMMARY

This position is responsible for all aspects of installation and maintenance of equipment within a cable television headend. You will be required to optimize incoming signals from a wide variety of sources and process for redistribution to traditional HFC and IP based cable systems.

Other Responsibilities and Duties include (but are not limited to):

- Work closely with field and NOC employees in determining source of signal impairments and facilitates repair of problems, as they are located.
- Install and align satellite dishes. Includes fine-tuning of feed horns and replacement of low noise block converters. May include multi-feed assemblies.
- Install, replace, and align various types of off-air antennas for VHF and UHF television and radio reception.
- Maintain, adjust and document video carrier levels, audio video ratio, depth of modulation, audio deviation.
- Perform proactive and reactive monitoring of all the fundamental tasks required in the testing and analysis of all elements of the network equipment and facilities.
- Responsible for monitoring headend cooling and coordinates with air-conditioning specialists to ensure environment is conducive to proper system operation.
- Test and maintain backup powering systems- including generators, uninterruptible power supplies, and temporary feeds.

SKILLS AND ABILITIES

- Proficient in setup and operation of headend equipment including but not limited to: signal processors, modulators, demodulators, satellite receivers, integrated receiver descramblers, digital receivers, and transcoders, combining and splitting networks, laser transmitters, fiber optic receivers.
- Proficient in IP based video distribution utilizing technologies which include IGMP, PIM and RTP.
- Proficient with software programs for storage and archival of test equipment results.
- Familiar with setup and operation of cable modem termination systems, cable modems, and basic networking equipment. Able to work closely with network engineers to facilitate proper operation, maintenance, and restoration of high-speed data network.
- Familiar with optical splice patch panels, optical couplers, and appropriate optical connector handling and cleaning procedures.
- Utilize optical time domain reflectometer to perform splice acceptance tests as well as fault location.

EDUCATION and/or EXPERIENCE

- Bachelor's degree in Computer Science or Industry and vendor specific certifications and training (NCTI, SCTE, and BCT/E).
- Or at least 8 years related work experience.
- Prior successful completion or ability to successfully complete within a given timeframe the NCTI "Advanced Technician" course.
- Master Technician certification preferred.

All interested persons should apply with a cover letter and detailed resume via hr@onecomm.bm

CLOSING DATE: February 13th, 2017

The KeyTech Group is an equal opportunity employer

