gba Systems Integrators

Training

International Municipal Signal Association (IMSA) Certification

Technical White Paper

System & Master Planning | Network Design & Architecture | Infrastructure Design | Network Operations & Maintenance (NOM) | Integration & Troubleshooting | **Training**

With the ever-changing demands of technology, it is more important than ever that properly trained and skilled technicians are available. IMSA training courses provide individuals that meet pre-requisite qualifications the opportunity to become internationally certified to work on complex transportation systems. gbaSI mentors and provides IMSA training and certification opportunities.

Situation

Experience has taught that most technologies are not understood or utilized to anywhere near their capabilities or capacities. This is often due to the fact that system operators don't know what the new systems are capable of doing. Trained staff can maximize the benefit of any technology or system.

The IMSA objectives are to improve the efficiency, installation, construction, and maintenance of Public Safety equipment and systems by increasing the knowledge of its members on traffic controls, fire alarms, radio communications, roadway lighting, work zone traffic control, emergency medical services and other related systems.

Solution

Continuous Support

IMSA offers educational and certification programs in Traffic Signals, Signs and Markings, Work Zone Traffic Control, Municipal and Interior Fire Alarm systems, Public Safety Dispatcher and Flagging. To assist the governmental agencies in reducing the likelihood of unnecessary legal actions and to increase the quality of public safety personnel, IMSA provides certification programs in each area of public safety operations.

The IMSA Certification Programs are primarily focused on the evaluation of expertise. IMSA realizes that not all agencies have access to standardized training materials and therefore make available Certification Review Programs for each of its levels of examinations.

IMSA Review Programs present the fundamentals of particular safety areas and overviews of subjects that participants should already be familiar with based on national standards and regulations.

gbaSI provides IMSA Certification Classes available anywhere and anytime needed.

Results

National Recognition

IMSA certification is nationally-recognized as an indication that an individual is qualified to perform specific technical tasks by virtue of their technical knowledge and experiences. Certification is also becoming a requirement in some municipalities in order to perform such technical tasks. Certification can provide an entry into many job assignments that otherwise would be difficult to obtain, since employers recognize certification as an indication of the individual's ability to do specific job tasks without the need for on-the-job training

Conclusion

Public Safety Recognition

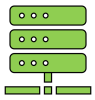
Since its origin in 1896, IMSA has grown in size, stature and prestige with the members throughout the United States and Canada. Through its many years of continuous dedication of effort in improving and advancing all aspects of public safety, IMSA has gained recognition and influence with several other associations and professional organizations.

learn more at:
www.gbasi.com

gbaSI - your friend in specialty technology

System & Master Planning – This is the first step in understanding and developing a modern communications and system management network. Without a plan, it just a parade of projects that may or may not work together in harmony and provide the results intended.

Network Design & Architecture – "The Intelligent application of the newest technologies and procedures to make you system operate efficiently". If only it was that easy – continued operation and support of legacy systems and hardwares, while taking advantage of new technologies, make the design of the network architecture the most critical link in the development of your system.



Infrastructure Design – Creating design plans that meet the requirements of funding agencies and provide the needed information for the proper installation of physical assets is a fundamental component of all wide area management and communication networks. Our licensed professional engineers understand how to make this happen efficiently.

Network Operations & Maintenance (NOM) – "Technology installed but not maintained in misplaced technology." Just because you built a great communication and management system, doesn't mean it will always work as intended or when needed. The ongoing monitoring and review of any operational management system is critical if you intend to utilize said network when it's really needed.

Field Integration & Troubleshooting – The best installed and maintained system will eventually meet with unintended issues. Have a plan on how to mitigate and respond to periodic breakages and device failures – our trained and certified staff can help.

Training – Experience has taught that most technologies are not utilized to anywhere near their capabilities or capacities. This is often due to the fact that system operators don't know what the new systems are capable of doing. Trained staff can maximize the benefit of any technology or system.

Communications & Technology

by Design