



MOTOROLA SOLUTIONS P25 TESTING LABS

**A LEGACY OF PUBLIC SAFETY INNOVATION.
A LEADER IN INDUSTRY STANDARDS.**

PUBLIC SAFETY AFFECTS US ALL. In an emergency, responders must have the tools they need to do their jobs safely and effectively. First responders from different agencies should be able to seamlessly communicate with each other regardless of the company that makes their technology.

That's why Motorola Solutions is a strong supporter of industry-wide interoperable public safety standards. We were the first company to support the Project 25 (P25) standard over 20 years ago. We were among the earliest supporters of the P25 Compliance Assessment Program (CAP). Today, Motorola Solutions continues to lead P25 implementation and refinement with the largest number of CAP-certified products and the most P25 testing facilities of any manufacturer.

Motorola Solutions is committed to the P25 standard and providing the multi-manufacturer interoperability testing needed to ensure public safety officials can communicate at all times. For our customers, for our public safety partners, and for the safety of our communities: It's simply the right thing to do.

What is Project 25 and the Compliance Assessment Program?

Project 25 (P25) is a joint effort between international public safety agency representatives and industry. It creates and maintains land mobile radio (LMR) communications standards that meet the mission-critical requirements of the public safety community. It was formed in 1990 by the Association of Public-Safety Communications Officials (APCO), the National Association of State Technology Directors (NASTD), and the U.S. federal government.

Led by the Department of Homeland Security Science and Technology Directorate Office for Interoperability and Compatibility, the P25 Compliance Assessment Program (CAP) is a voluntary program used to assess compliance with P25 standards. To be considered CAP compliant, manufacturers submit their products to DHS-recognized laboratories for testing.

After completing testing in an ISO certified, CAP recognized lab, manufacturers create Suppliers Declaration of Compliance and supporting Summary Test Reports that are submitted to CAP for content and formatting approval. Once approved, these documents are made publicly available and may be used for purposes of federal grant eligibility.

MOTOROLA SOLUTIONS P25 CAP TESTING LABS

Motorola Solutions has three DHS recognized and ISO certified CAP testing centers; two for CAP performance testing and one for CAP interoperability testing. Our CAP interoperability testing lab allows other manufacturers to test their radio equipment against our infrastructure equipment, for the benefit of the broader public safety community.

Importantly, while our labs are owned and maintained by Motorola Solutions, interoperability testing is performed by ISO certified, independent lab personnel, ensuring legitimate testing and repeatable test results.

After completing testing and approval of the Suppliers Declaration of Compliance and Summary Test Report documentation, publicly available test results certify which manufacturers have implemented specific aspects of the P25 Standard and shows which services interoperate between which manufacturers. This information instills confidence that a manufacturer's advertised operability and interoperability have been tested and verified.

Testing Centers

Motorola P25 Performance CAI Subscriber Compliance Laboratory

Plantation, Florida, USA

Motorola Solutions, Inc., CAP Interoperability Testing Lab

Schaumburg, Illinois, USA

Motorola Solutions, Inc. Schaumburg (Performance) Laboratory

Schaumburg, Illinois, USA

Motorola Solutions: A Commitment to Public Safety Industry Leadership

Motorola Solutions has a long track record of commitment to industry-wide interoperable public safety standards. Even before the creation of the Project 25 CAP program, we brought together public safety industry companies in Schaumburg, Illinois, for the first public-safety interoperability testing event. We were the first company to support the creation of P25. Then, after the creation of P25 CAP, we hosted the first industry-wide P25 CAP interoperability event.

Today, Motorola Solutions has contributed more staff-hours to P25 standards development, holds the most P25 subcommittee leadership positions, and has authored or edited more P25 standards documents than any other company. We are proud of the fact that we have the largest number of P25 CAP-certified products. Looking forward, Motorola Solutions continues to lead the industry with a push to expand public safety interoperability standards and testing.



August, 2006

Under the auspices of the Compliance Assessment Processes & Procedures Task Group, Motorola Solutions hosts the first industry-wide public safety interoperability event in Schaumburg, IL



May, 2009

Motorola Solutions receives the first certified lab recognition under CAP program



July, 2009

Motorola Solutions hosts the first industry-wide DHS CAP Interoperability event



August, 2011

Motorola enlists support of 3rd party DHS recognized test houses for CAP interoperability testing on ASTRO 25 infrastructure



September, 2015

Motorola hosts industry-wide DHS CAP interoperability event with nine radio manufacturers participating



May, 2018

Motorola continues to host industry-wide DHS CAP interoperability events, with eight radio manufacturers participating

For more information about Motorola Solutions P25 CAP Testing Labs, visit:

https://www.motorolasolutions.com/en_us/products/project-25-systems/p25-cap.html

For more information on P25 CAP, visit:

<https://www.dhs.gov/science-and-technology/p25-cap>



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