

DIAGNOSTX™

An Affordable, Proactive Radio Maintenance Tool



Best practice for radio maintenance is to PM all radios annually.

Many agencies postpone radio maintenance because of the lack of funds, shortage of skilled workers or logistical issues. Others just take a *'fix it when it fails'* approach.



In the U.S. and Canada, many agencies are using DiagnostX, a long-range, over-the-air (OTA) radio waveform analyzer that continuously monitors radios in real time without user intervention.

Agencies often find it challenging to obtain capital funding approval for purchasing products. To address this issue, LocusUSA has introduced **DiagnostX** as a **Service**. An agency can acquire the service with existing maintenance or operational funds. It supports P25, DMR, NXDN, TRBO and Legacy systems.



Feature Highlights

- ❖ Enables agencies to have all their active radios evaluated long-range, OTA in real time without user intervention 24/7/365
- ❖ All monitoring equipment is supplied by LocusUSA, who will manage the data from their network operations center (NOC) in Florida
- ❖ Provides comprehensive reports indicating alignment characteristics by radio ID, identifying their status as **Failed**, **Passed** or **Never Received**
- ❖ A low-cost way to identify radios in need of service, while well-aligned radios can remain in the field
- ❖ Autonomous from the radio system
- ❖ An essential tool for P25 migration
- ❖ Ensures optimal system performance

About LocusUSA

LocusUSA is an engineering and software development company located in Melbourne on the Space Coast of Florida since 2001. It is a leader in radio frequency (RF) capture for radio analysis and location. The ability to capture and analyze the actual waveform of a radio transmission led to the development of DiagnostX, a patented system that can measure the alignment and operating characteristics of a radio, over-the-air (OTA) in real time without user intervention.

LocusUSA supports government customers across the United States and Canada on the local, state and federal levels with this first-of-its-kind, proactive tool, ensuring the optimal performance of a radio system.



System-Wide Coverage with DiagnostX by LocusUSA

