Accurate but secure contact tracing is foundational for reducing the ‘R-naught’—the number of new infections estimated to stem from a single case. This essential activity supports several goals:

- Interrupts ongoing transmission and reduces spread of infection
- Alerts contacts and public services personnel to the possibility of infection at specific locations
- Provides information and context necessary for more accurate epidemiology, diagnosis, and treatment
- Gathers data to prevent reinfections

Contract tracing provides a ‘guidance system’ for a broader population health management platform that greatly informs analysis and decisions.

What’s Needed for Contact Tracing to Work

- Must work on any mobile device
- Can be provisioned quickly and easily at any site
- Simple but customizable workflows for test, track, and trace
- Integrates with a wide range of existing health and safety systems
- Allows data to be normalized and shared without compromising privacy
- Can be enhanced with facial recognition, biomed ID, and vehicle ID

AWARE—A Turnkey, secure cloud solution—supports critical areas in public health. It is a test, track, and trace system perfectly suited for testing centers and sites of care. AWARE provides secure, anonymized data and information for emergency response, analysis, and other critical services.

Data Privacy—Securely Gathered and Shared

AWARE provides user, patient, location, and other data that is securely transported, processed, and delivered through synthetic channels and completely anonymizes personally identifiable information (PII) to protect data privacy.

AWARE achieves data synthesis through a proprietary AI and synthetic data engine. This powerful resource allows sharing data internally or externally without fear of exposing confidentiality or the possibility of reverse engineering. The AWARE system safely unlocks the value of your data by creating a synthetic data ‘twin’ with all the statistical properties of your real data.

AWARE can create synthetic data that exactly represents certain features within your information such as age ranges, gender, locations, products consumed, etc.
A Proven, Secure Solution—based on proven technologies developed for government and high-scale industrial customers. AWARE is delivered through a DoD-level, secure cloud platform and can be deployed on any mobile device. AWARE integrates with a wide range of commercial, public health, medical, and public safety systems with full Web and App-based dashboard status capability.

**Contact Tracing features** include:
- Patient record access and detail recording
- Real-Time test status and result notifications
- Mandatory or voluntary quarantine registration
- Monitoring and alert system
- Personal network analysis

**Advanced Options**
- Advanced facial recognition
- Touch-less Biometric ID
- CCTV with ANPR vehicle and facial recognition

Uses technology originally developed and used by U.S. DoD and Special Operations

**Test, Track, and Tracing—Intuitive and Easy-to-Use**
AWARE delivers a powerful patient testing and management workflow which is fully managed, leveraging secure private cloud delivery and storage. Synthetic data provides absolute privacy and security. Real-time tracking and alerts ensures access to data when you need it.

The AWARE dashboard reveals at-a-glance views of test results and trends including geospatial views of test results to map and identify virus dense zones. Comprehensive reports detail patient records, test results, and more. The AWARE application suite is a mobile-first solution—flexible access through smartphone, tablet, laptop, or PC.