



AWARE

CONTACT TRACING EXCHANGE – SAFE, SECURE, EFFECTIVE

Iron Bow Healthcare Solutions is at the forefront of developing, manufacturing, implementing, managing and supporting virtual care solutions.

Knowmadics, Diveplane and Iron Bow have partnered together to launch the AWARE Contact Tracing Exchange. AWARE was developed to fight COVID-19 transmission, and boasts a distinct focus on maintaining best-in-class data privacy. The solution facilitates the accurate, effective and secure study of contact tracing data for healthcare companies and government agencies to assist in successfully slowing the spread of the virus.

TEST, TRACK AND TRACE – ESSENTIAL FOR THE FUTURE

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 available for sharing, 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 such as age ranges, gender, locations, products consumed, etc.

INFORMED ANALYSIS AND DECISIONS

Contact tracing is foundational for reducing the ‘R-naught’—the number of new infections estimated to stem from a single case. The 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



ACCURATE AND SECURE

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.

All testing, tracking, tracing, patient, location and other data is securely transported, processed and delivered through synthetic channels and protected with best-in-class anonymization to protect data privacy.

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 include:

- Advanced facial recognition
- Touchless biometric ID
- CCTV with ANPR vehicle and facial recognition

INTUITIVE AND EASY TO USE

The AWARE dashboard reveals at-a-glance views of test results and trends including geospatial views 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.



Contact us to learn more about AWARE or email info@ironbow.com.

