Current Problem:

The COVID-19 pandemic has caused massive economic damages to governments and airlines. These include reductions in capacity, no tourism, and delays in business. As information about testing and efficacy has improved, so have ways to implement programs that will ensure safety for staff, passengers and citizens of each country that they may be in contact with. Allied Identity and our partners have built a solution that can be implemented now and can lessen the economic impact of travel restrictions.

The Solution:

Our system is built with 2 primary components, testing kits and the data management system, Vaxtrac. Vaxtrac is a permanent infrastructure improvement on the current ICAO yellow card system that is endemic with fraud.

Based on the currently identified method of infection and the human expression of this virus that can be measured; our system provides multiple tests as passengers travel into and out of countries. With a 2-step approach to testing, quarantining can be minimized to those found to be infected. The overall cost is negligible in comparison to the economic losses.

Our Vaxtrac program can ensure that the test and presented certificate of testing or vaccination is verifiable and traceable back to the testing or vaccination event. The payment for testing can be included in the purchase of the airline ticket or at the point of contact.

Example of a Vaxtrac Paper Cert

Rapid result PCR Test Kits from Healgen

Benefits

- Rapid testing for SARS-CoV-2 antigen
- Results within 15 minutes
- Facilitates management decisions quickly
- All necessary reagents are provided, and no equipment is needed
- High sensitivity and specificity

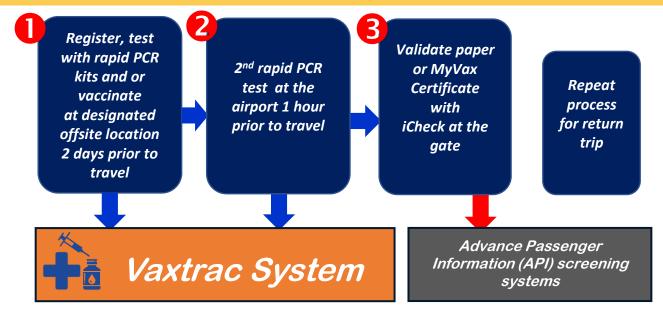| Information	In Detail
Time to result	15 minutes
Storage	2-30°C
Shelf life	24 months
Specimen type	Nasopharyngeal swab

Testing and Tracking System for Airports

ALLIED IDENTITY

Pathogen Testing and Tracking System for Airports and Airlines

3 Steps to Protection

1 Register, test with rapid PCR kits and or vaccinate at designated offsite location 2 days prior to travel

2 2nd rapid PCR test at the airport 1 hour prior to travel

3 Validate paper or MyVax Certificate with iCheck at the gate

Repeat process for return trip

Vaxtrac System

Advance Passenger Information (API) screening systems

6 Reasons Why this System

1. This system can save lives and improve the safety of airline and airport staff, passengers and the interactions with the citizens of the destination country

2. Implementation of the system will speed economic recovery

3. This system will rebuild trust in travel from customers

4. We are the only organization with patented intellectual property that covers both tracking and credential technology tied to healthcare records

5. The low cost supplied test kits have very high accuracy and specificity

6. The proposed system provides a permanent data infrastructure for:

   - Securing borders from infectious travelers
   - Identity Services can be optionally tied to the **Advance Passenger Information** (API) screening and PNR systems
   - Emergency responses
   - Public Health incidents
   - Healthcare transaction integrity
   - Yellow Card replacement