



# Safely Restore Education Operations: Vaxtrac COVID-19 Management Solution

COVID-19 has altered back to school at all levels creating the need for granular management of health risks for students, professors, and staff. Academic institutions have evaluated their options for how to return to school – whether virtually or in-person – recognizing that a decision today is subject to change tomorrow.

There is general acceptance that implementing testing, temperature checks, PPE and social distancing controls will support a safe return to the classroom, to dorms, and to extracurricular activities. However, in practice that is much easier said than done.

Our understanding of COVID-19 continues to evolve, at the same time we are gaining access to faster and more confident testing, new treatments, and soon the first vaccines will enter the market. Academic institutions must protect the health and safety of their students, professors, and staff by incorporating best practices as they continue to evolve.

A key aspect of managing risk is knowing, tracking, and quickly verifying the health status of individuals engaging with each other. When establishing protocols, key challenges include:

- Securing affordable, fast, and trusted testing technology
- Managing access control, density, and engagement based on test results (and in the future vaccination status)
- Rapid response to mitigate the risk of new infections

Academic institutions can accelerate their return to safe operations with the support of Vaxtrac, a health credential management and tracking system. Vaxtrac can be launched quickly as a standalone solution or flexibly integrated with existing systems to operationalize safety protocols.

Based on globally deployed healthcare and emergency management credentialing technologies and identity management platforms, Vaxtrac capabilities include:

- **Integrated testing and vaccination management** applications that securely and privately record results for easy verification
- **Privacy-preserving trusted digital health credentials** issued in real-time to a smartphone app, smart card, or printed on paper with an anti-tamper digital seal
- **Rapid, confident credential verification** methods including options for high-speed biometric confirmation and unattended access
- **Ongoing monitoring, reporting, and alerting** to support contact tracing and quickly respond to new infections
- Plus, **remote management** of issued credentials, such as expiring or updating status as new information is uncovered such as potential exposure to COVID

Vaxtrac can be incorporated into existing access control systems and processes, providing effective health status monitoring without adding inconvenient steps. The availability of credentials in multiple formats (electronic or printed) provides the flexibility to meet a variety of use cases from move-in to graduation.

Personal data is securely managed, with access control and notification rules set by university management. For example: all students must have a negative test result in the last five days, which can be automatically validated at access points without risk of human error. Additionally, historical access information supports contact tracing and notification of potential exposure.

VAXTRAC IS BROUGHT TO YOU BY:





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## How Vaxtrac Works

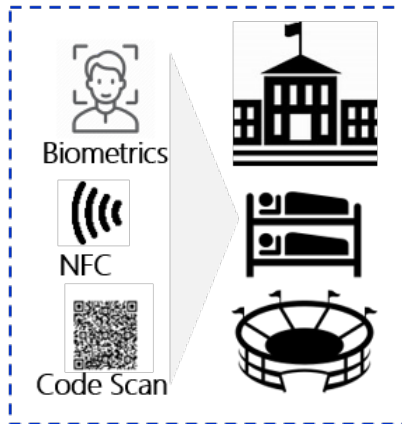
The Vaxtrac solution provides the capabilities that academic institutions need to head back to school knowing that they can manage and validate protocols related to the health status of every student and every employee to address public health concerns and mitigate risk without an excessive burden.

### Test/Vaccinate & Issue



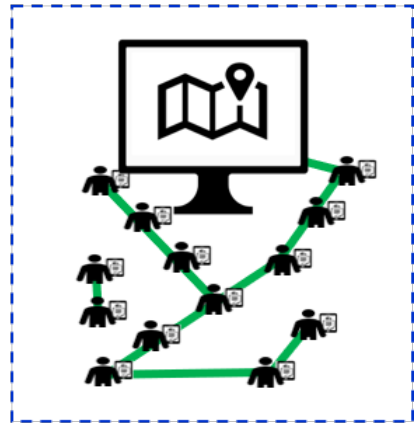
- Register authorized healthcare providers
- Secure, tag, and track test kit/vaccine inventories
- Record patient and healthcare transactions (HIPPA compliant)
- Digitally sign and secure each transaction (test result, vaccine, temperature) on proven KSI blockchain
- Issue secure, universally verifiable certificates (app, email, print, smart card)
- Remotely manage certificates (update, expire, or revoke if needed)

### Validate & Audit



- Validate individual, certificate authenticity and test or vaccination status
  - Code scan
  - NFC chip
  - High-speed facial recognition
- Record validation process and outcome

### Monitor & Notify



- Incident tracking & reporting
- Notifications & alerts
- Contact tracing option in a mobile app

### How can we help you?

Vaxtrac is designed to be flexible and scalable. We welcome the opportunity to discuss your needs to identify how Vaxtrac can help you return to campus this year.

#### Contact:

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## Proven Solutions from Trusted Providers

Vaxtrac was created to address global management and verification of vaccinations for border crossings. The same proven technology is being applied to support COVID-19 response by governments and commercial enterprises. Vaxtrac is the only end-to-end solution brought to you by a consortium of trusted companies with proven technology covered by 22 patents globally held by the consortium members.



ALLIED IDENTITY

**Allied Identity** provides fundamental biometric and embedded software components to ensure the absolute identity of all actors in this newly created ecosystem. After identities are validated Allied Identity provides a certified credential operating system (iChip) that enables strong permanent credentials that will carry blockchain secured credentials of the relevant testing and validation data in an ICAO-readable format at all existing border crossings worldwide. [www.alliedidentity.com](http://www.alliedidentity.com)



**Salamander Technologies** is used in every state in the U.S. by over 28,000 first responders, public health departments, and other state and local government agencies. Close to a million providers are already vetted and in the system. Salamander's HIPPA-certified, cloud-based GIS and data solutions provide real-time tracking of people and assets. Salamander Technologies provides vetted health care provider identities, delivering this information into the KSI blockchain. Salamander can also track phones carrying the health credentials as user's opt-in for this capability to help trace COVID-19. Data can be encrypted and distributed to designated authorities with highly restrictive controls for data access. [www.salamanderlive.com](http://www.salamanderlive.com)



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