**Aim:** Provide a platform for parents and school staff to assess students and staff for COVID-19 symptoms; and for school staff to assess Traumatic Brain Injury (TBI) emergency and non-emergency signs and symptoms data collection, communication, tracking and reporting for schools to meet the NYS guidelines for re-opening.

**Goals:**
- Allow schools to implement NYS Department of Health and NYSED COVID-19 guidelines for re-opening schools.
- Allow schools to implement Berlin concussion standard guidelines using the 11-point checklist when managing concussions.
- Expand and improve the quality of health information available to state agencies, schools, health care providers, and patients and their families, for decision-making.
**School COVID-19 Screening and Communication using ezSCRN**

**Student/Staff member at School**
- School Nurse or Staff member
  - COVID-19 (Pass) school today
  - ezSCRN used to assess child for COVID-19 emergency (red) and non-emergency (yellow) symptoms

**Student/Staff member at Home**
- Parent or Guardian/Staff member
  - COVID-19 (Fail) No school today

**Diagnose**
- Medical Provider performs COVID-19 medical test, and makes referral if needed resulting in a diagnosis
- Medical Provider updates notes and CoC Status

**Recognize**
- CoC notified

**Minimize Risk**
- Safety Team discusses COVID risk mitigation and completes checklist items

**INJURED PERSON STATUS**
- 3-12 hrs
- 3-12 hrs

**Return to Life**
- CoC notified

**School COVID-19 Screening and Communication using ezSCRN**
- School COVID-19 -19 Screening and Communication using ezSCRN
- Recognize
- Diagnose
- Return to Life (Activity)
- Minimize Risk
- Quarantine Complete
- Risk Areas Reviewed
- CoC notified

**COVID-19 Test Results**
- Positive
- Negative

**SCHOOL CIRCLE-OF-CARE NETWORK**
- School Today
- No school today
- Positive Test
- Quarantine Complete
- Risk Areas Reviewed
- CoC notified
- Return to Life (Activity)
- Care Team reviews notes and helps in COVID Recovery and performs checklist activities
- Care Team updates notes and CoC Status
Collect COVID data immediately – anyplace, anytime

- Easy Person Selection
- Quick Emergency Data Collection
- Quick Non-Emergency Data Collection
- Immediate, Easy Viewing of History
- Immediate, Easy Viewing of Test Results
- GPS Contact Tracing
Communicate and Update Status; Track Progress using Continuum of Care model

- Better Visibility into Organization Status
- Better Visibility into Person Status
- Stage viewing and update by Role
- Proactive notification and stoppage alerts
- Time-based event logging and reporting
COVID Assessment Report (Immediate from App)

Export for Analytics (Create state, school and other statistics and analytical reports)
ezSCRN Platform - Technology Architecture

Network User
- Username/Password, Bio-metric recognition, User Role

ezSCRN App
- JWT Token Authentication
- HTTPS, TLS 1.2, IP Whitelist
- SQLCipher DB Encryption

TCM Admin
- Account Login, Username/Password, 2-Factor Authentication
- HTTPS, TLS 1.2, IP Whitelist

MongoDB Enterprise
- AES256 Encryption

Remote User
- Email App
- SMTP, TLS 1.2
- AES256 PDF Encryption
- Password Encrypted

Admin
- Username/Password
- User Role

ezSCRN Web
- HTTPS, TLS 1.2

ezSCRN API
- Google Private Cloud Platform
- ezSCRN Database
- Google PII Secure Cloud Platform
- AES256 Encryption
- Username/Password
- User Role

Account Login, Username/Password
- 2-Factor Authentication

*HIPAA secure platform available upon request

ezSCRN meets NYS 2d Law security requirement

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ezSCRN has over 3000 users and has been serving schools and the workplace to help recognize and track concussions (Traumatic Brain Injuries) since 2016.

TCM and NYSPHSAA have been in partnership since 2018 and for the second year TCM was awarded the BOCES SW contract (RFB-220-51) making us available for NYS aide.

We also are endorsed by the NYSPHSAA Covid-Task force for NYS and meet the NYS Dept of Health and NYSED guidelines to manage COVID-19 for schools that are re-opening.

NYSPHSAA and TCM have agreed to group subscription pricing making us one of if not the lowest in the industry.