Biometric Signature ID

Corporate Background Technologies, Capabilities, and Products Higher Education 2023

Online learning is your institution's next educational expanse. Thousands of online students, on and off campus, are under your responsibility, care, and tutelage.

Cyber criminals are constantly looking for new ways to infiltrate your campus networks. Student impostors compromise the integrity of your curriculum, and the privacy concerns they sow can soil the reputation of your institution.

Being a hostage to ransomware, losing your accreditation to financial fraud, suffering a preventable academic or legal scandal are all bad situations for your institution. You need "none of the above".

BSI is a biometrics cyber security company with patented technologies and solutions for online learning. We provide proctoring solutions with secure online access credentials that are PII free, and are impossible to replicate by impostors or machines.

We protect your eLearning curriculum through advanced multi-factor authentication (AMFA) in a simple and reliable student experience. We are 100% compliant with biometric privacy laws, and link online digital access to your student's presence; not their credentials.

Empower your faculty. Respect your student's privacy.
Protect your institution's legacy.

About BSI

J.C. Lads Corporation is doing business as "Biometric Signature ID" (BSI) since 2007. It is a Small Business Texas "C" Corporation, headquartered in Lewisville, TX.

BSI has been called upon to collaborate with other leaders in the White House's NSTIC selected biometric technology forum in 2012, and was invited to join NASPO as committee member in 2014.

BSI was recognized as a Top 20 Ed-Tech company in 2015, and its technology has been featured in no less than 20 trade journals.

BSI is profitable, steadily growing, and has over 232 active clients, with over 1.1 million active users.

biosig-id.com

A different type of biometrics...

...to protect colleges and students alike.
Cyber criminals continuously evolve their cyber capabilities and tactics, trying to keep ahead of academic institutions' security measures.

Through complex artificial intelligence (AI) and machine learning (ML) algorithms, they reproduce and continue to successfully steal even the most complex Multi Factor Authentication (MFA) methodologies and physically bound biometric credentials.

BSI is redefining MFA and Biometrics, circumventing the current threat and delivering a form of online credential that is:

1. **Behaviorally linked to, and is successfully reproduced by only one person in the world; the one who created it.**
2. **Irreplicable by any other human, or technology; and thus not worth the effort, and attention of a cyber criminal.**

Patented and in commercial use.

BSI owns two active US technology patents with 44 claims for the use of behavioral biometrics that are 100% free of PII.

Both patents focus on storing and analyzing continuous vector lines (CVLs), which are the core elements of BSI's products and solution.

BSI's underlying technology analyzes the way in which human users use touchpads, mice, stylus, or their fingers to implement hand-written passwords that can't be falsified.

No special or additional hardware required - it just works.

2 Patents
44 Claims
0 PII

232+ Clients

2M+ Users

100M+ Authentications with less than 0.045% help desk calls

All in BSI's EDU Portfolio

A patented biometric identity authentication solution that controls access to files and information through MFA in one product. It works on all devices using HTML5.

- Requires no hardware or software downloads and authenticates users with a four-character password.
- Blends amazing biometric technology with the password format users are comfortable with.
- Provides real-time warning of potential data crimes in progress.

BioSig-ID™

Applications:

- Any time "attribution" of action is needed
- Passwords to authenticate homework
- Identity verification for online exams
- Access to online curriculim information
- Access to LMSs

Prevents unauthorized access to Windows workstations, tablets, laptops, and the information and files within, by replacing the device's native lock screen.

- Grants access to devices after a successful authentication.
- Identity credentials can be stored locally, to allow temporary use offline.
- Protects workstations and blocks access to unauthorized users like RDP attacks.
- Allows administrators to monitor and change device access ability, reset passwords, and audit illicit access attempts.

BioTect-ID™

Applications:

- Any time "attribution" for access is needed
- Access to school main frames
- Access to school sourced computer labs

Used for the initial ID verification of an individual.

- Analyzes the person's government issued documents and checks the front and back to determine legitimacy of the OCR codes.
- Stores a user approved "selfie" of the user, used to compare with photo in the government ID.
- Provides both, verification AND authentication of identity.

BioProof-ID™

Applications:

- Any time "attribution" for access is needed
- Student ID registration / validation
- Stolen card / Recovered card activation

BioSight-ID™

Used for automatic proctoring of online training and continued education programs.

- Does not collect any biometric markers and protects the privacy of the user by blurring all images
- Works seamlessly with the world's leading learning management systems (LMSs)
- Provides complete class and course analytics and guides instructors to find suspicious activity by the student.

Applications:

- Remote proctoring
- eLearning courses and exams
- Online midterms
- Teacher certification and proficiency training courses

BioName-ID™

Transforms signatures into digital identity.

- Prevents use of PNG/JPEG forgeries
- Eliminates the need for "wet ink" to attribute the signature to a human.
- Authenticates signatures through tamper-proof MFA in a single application.

Applications:

- POS Signatures that are not just a JPEG
- "Wet Ink" proof of life signature
- Policy acknowledgements
- Exams / Term paper certifications

BioSafe-ID™

Secures online transactions.

- Prevents "card not present" fraud
- Ensures that the transaction is executed by the human owns the credit card, not the "entity" that may have the digital credentials.

Applications:

- College store credit cards
- College cafeteria meal plans