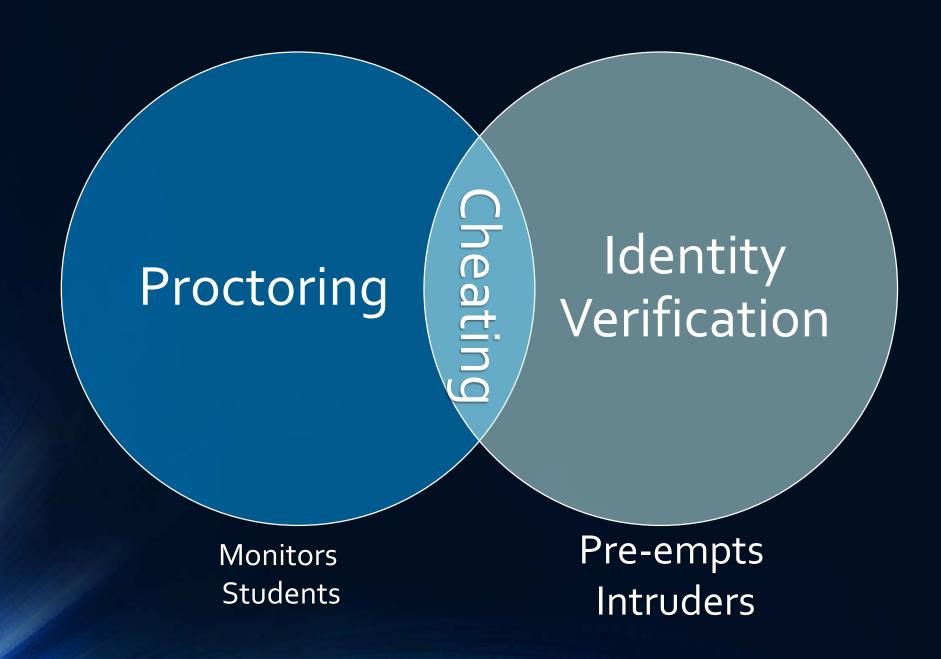
Proctoring & Identity Verification

CHARLES PERKINS & ANGE SULLIVAN



Academic Integrity

- "I have cheated on an assignment, quiz or test."
 - 032.1% in face to face live classes
 - 032.7% in online class
- XF grades increasing at Barton

0 2014: 2

02015: 14

02016: 11

Student Loan Fraud



Rationale

Education Act of 2008 mandates:

"An institution that offers distance education to have processes through which the institution establishes that the student who registers in a distance education course or program is the same student who participates in and completes the program and receives academic credit." Section 496

Discussion

- Current solution for proctoring and identity verification
 - ✓ Exam Guard
 - ✓ Panopto
 - ✓ Student login information
 - ✓ TurnItIn
- Committee formation
- Software/Company Reviews
- Approval by Academic Deans and Faculty Council



BioSig

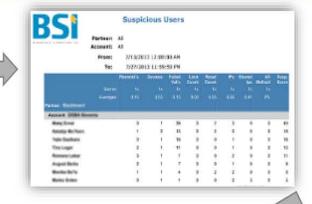


- Biometric technology requiring only a mouse, stylus or touchpad.
- Instructors chose multiple assignments to verify to ensure student authenticity throughout the course.
- Compared to other software
 - Rapid deployment
 - Ease of use for instructors and students
 - o Proven to be 99.97% accurate
 - Reporting features RTEN, SAR
- Approved by reputable companies with high security needs

1. Historical Patterns analyzed.



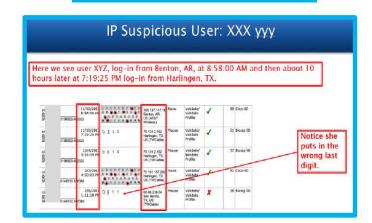
2. Patterns inputted into neural net to discover atypical behaviors.



3. IP'S and ISP's are revealing.



4. Patterns revealed.



5. Users are ranked and provided to clients.



Robust Course Shells

- Question Banks and Pools for Assessments
- Threaded discussions require critical thinking
- Papers requiring multiple drafts and outlines
- Vary assignments by class and year
- Project based applicable learning opportunities
- Use of software and mechanisms to deter cheating
- Improved feedback options in Canvas



Suggested Proctoring and Identity Verification Proposal

