

What Is Behavioral Biometrics?

FAST COMPANY
3RD MOST INNOVATIVE COMPANIES OF 2015 IN MONEY

Gartner 2012
CoolVendor

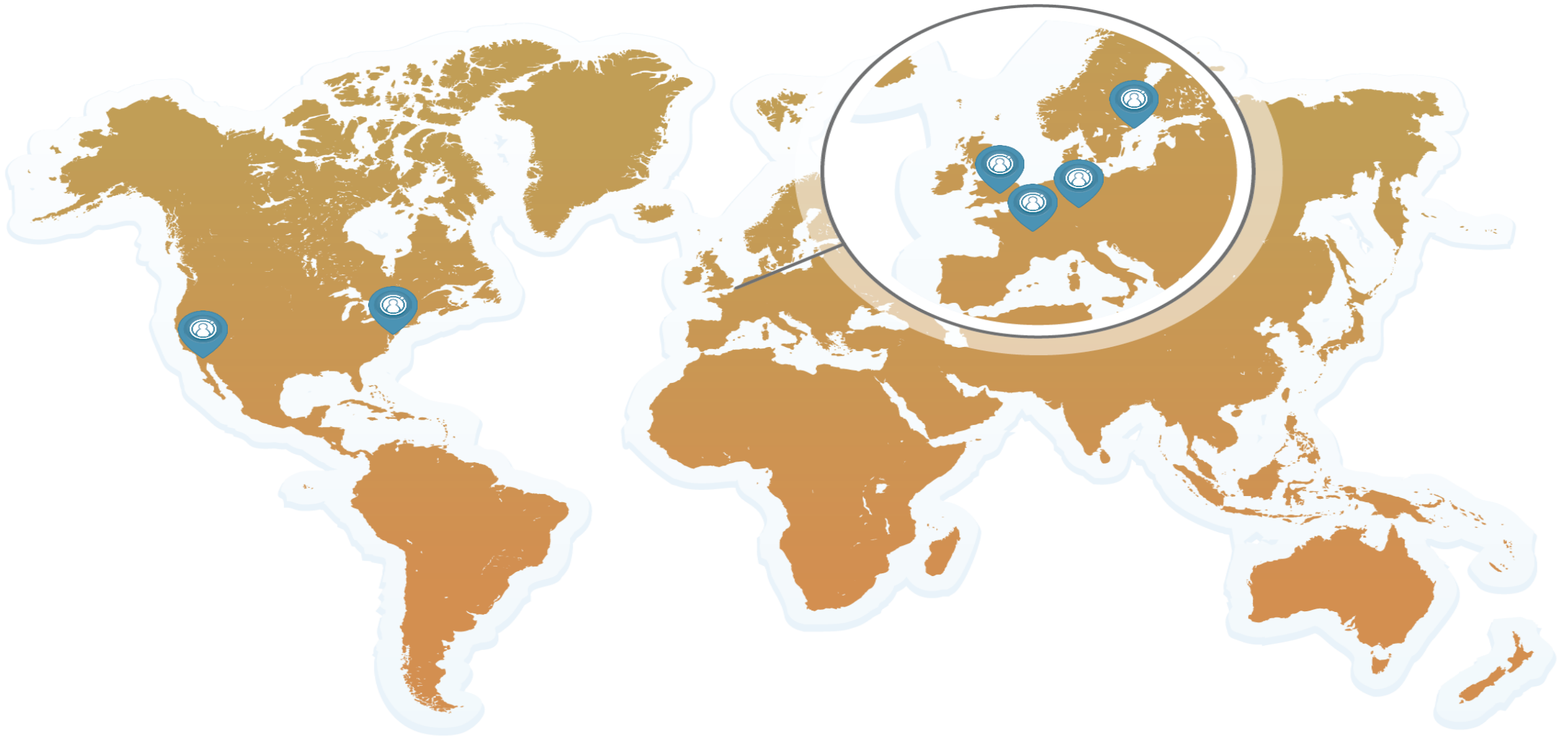


BEST OF SHOW 2014 EUROPE
BEST OF SHOW 2012 US
BEST OF SHOW 2013 ASIA

 **FinDEVr**
BEST OF SHOW 2014

WIRED.CO.UK
EUROPE'S HOTTEST STARTUPS 2014: STOCKHOLM

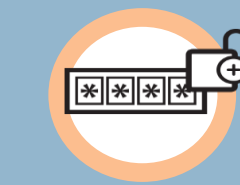
BehavioSec



Behaviosec – Strong Customer Authentication & Verification

Behaviosec - Proven Technology

- 20+ banks
- 10 Million + Users
- 500+ million transactions in 2014
- Behaviosec - Compliant with Data Protection Regulations
 - Available in Cloud & On Premise
- Behaviosec - Technology Neutral
 - All mobile and PC platforms
- Behaviosec - Field Proven Accuracy
 - Detect impostors in 99.7% of cases
 - Combines Seamlessly with existing authentication methods



PASSWORD



TOKEN



BIOMETRIC



“BehavioSec offers the most mature ID system that uses behavior analytics”



Identity Under Attack

PaymentsSource


Regulation & Compliance Risk & Analytics Debit & Prepaid Retail & Acq

Data Research Newsletters Events Resources

PAYTHINK

Passwords Still Pose Big Security Risks

BY BOB RUSSO
JUN 20, 2014 4:00am ET



Some of you might be thinking, "Why

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White House cyber czar's goal: 'Kill the password dead'



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Report: Soon Hackers May Topple Global Economy

Security Business Cyber Cyber Security News by iHLS News Desk - May 23, 2014

The Washington Post

National Security

Report: Cybercrime and espionage costs \$445 billion annually

Would The Real User.....



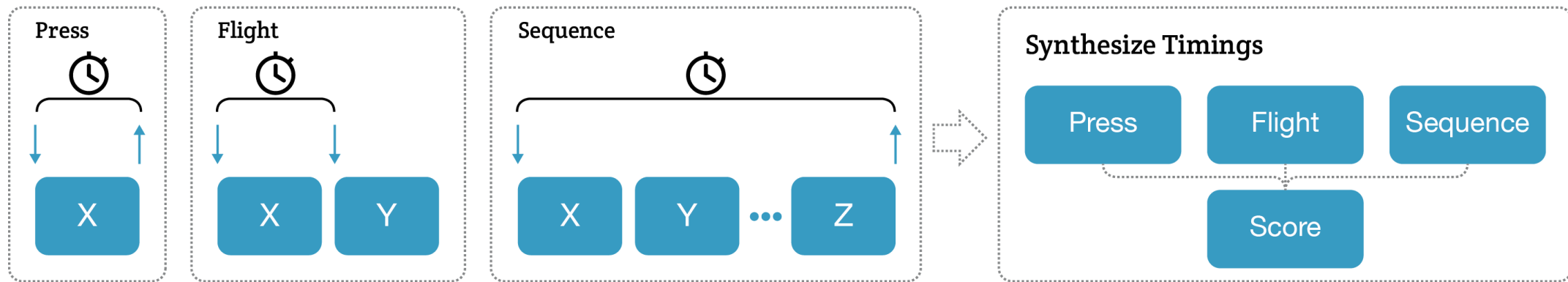
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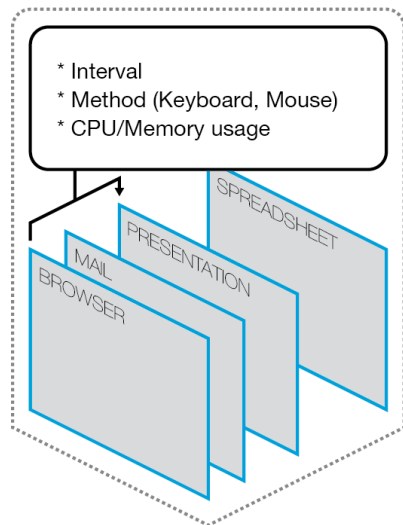
- Continuous authentication for whole session and page oriented
- Continuous training for the rightful owner without deviating
- Variable score generation depending on the size of the input
- Capability to merge short fields for score generation
- Shared account support
- Checking against known fraudsters

BehavioSec – How Does It Work

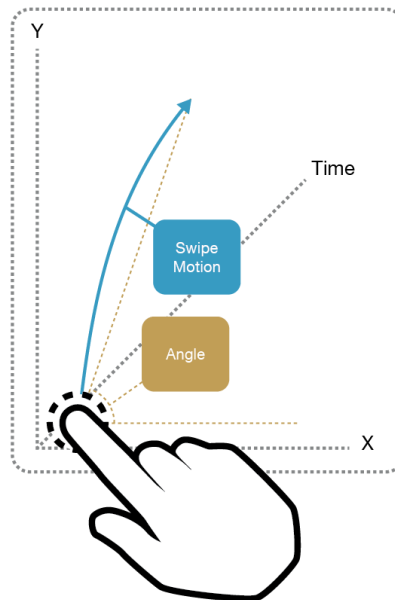
Keyboard Capture Intervals



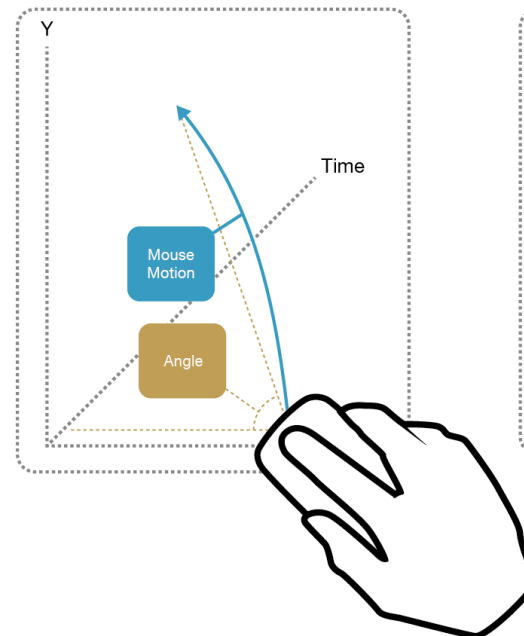
Application Switching



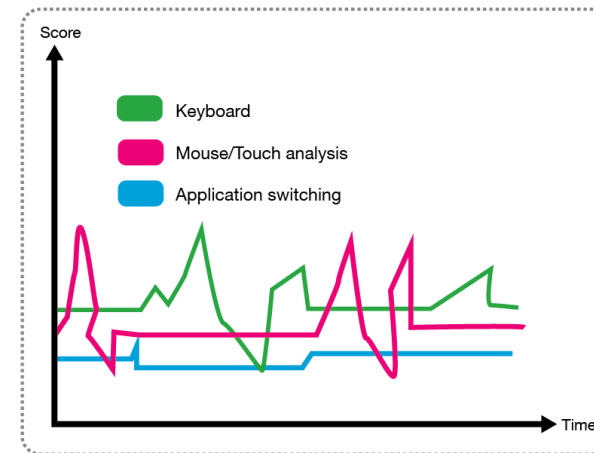
Touch Motion



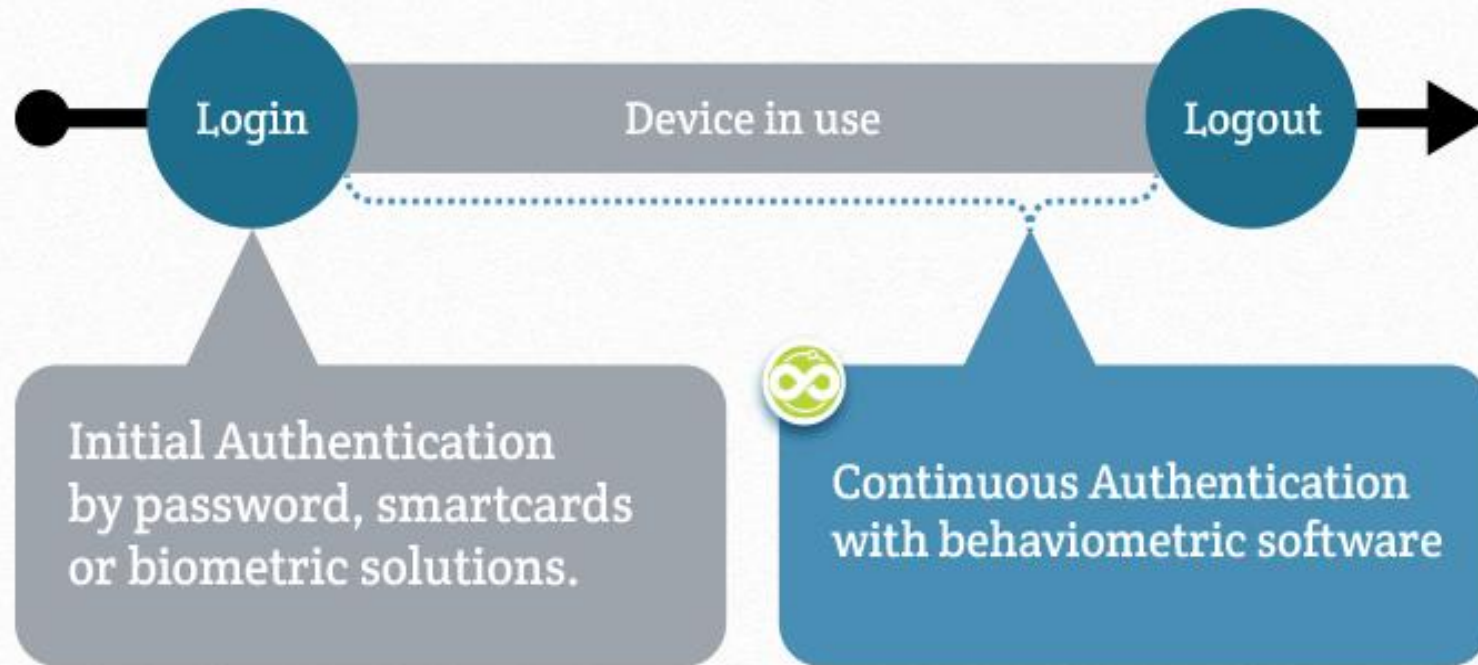
Mouse Motion



Continuous

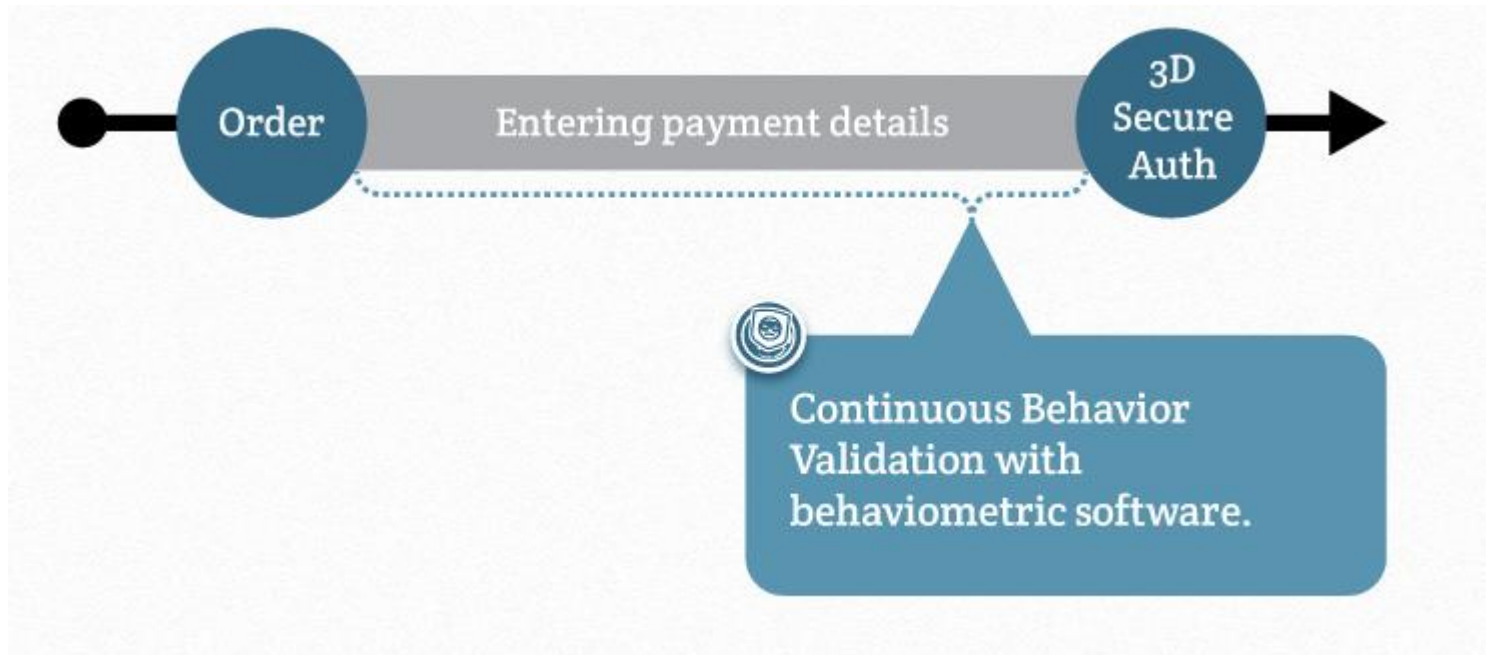


Continuous and active authentication



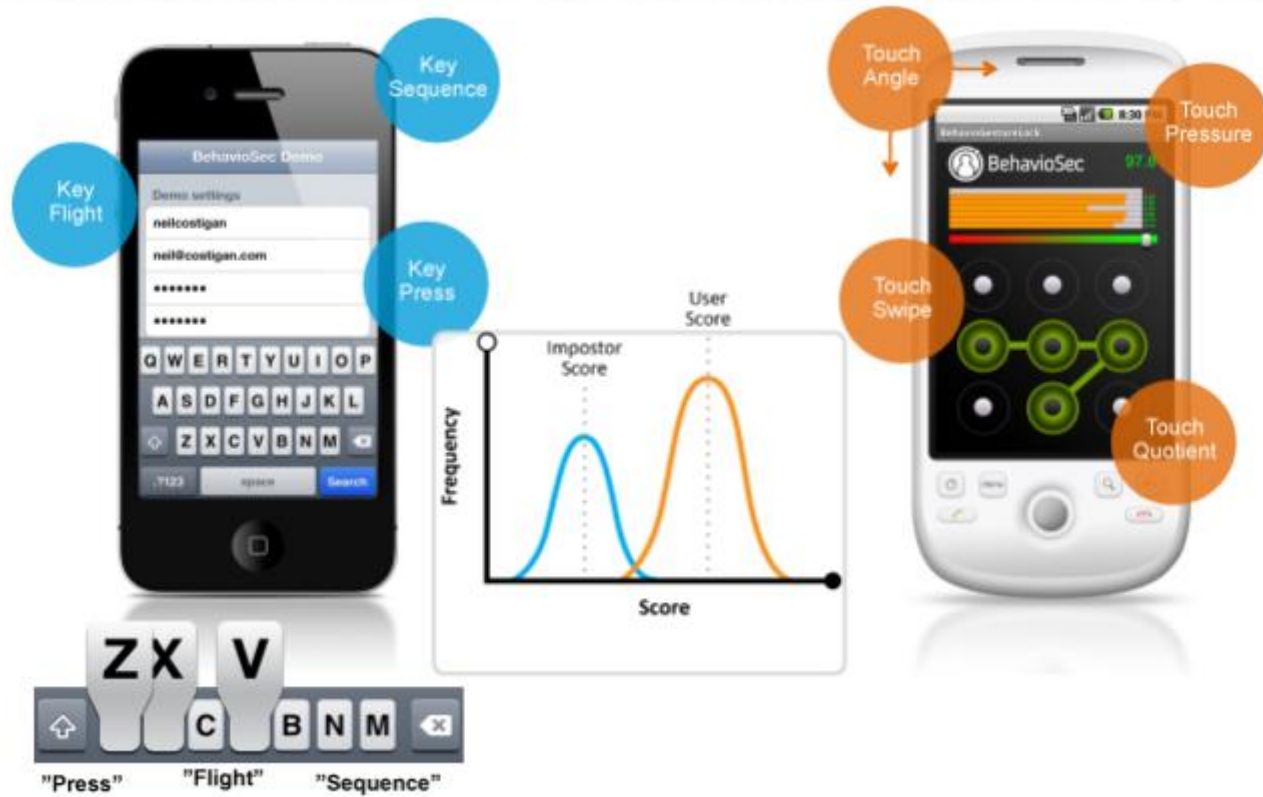
- Continuous – The protection is always active and can't be manipulated by the user.
- Adaptive – Simply using the device makes it more secure.
- Dynamic – The software is not limited to specific applications.
- Transparent – The user cannot see or manipulate the software.

Continuous Verification



- Protecting Sign-In and Transactions
- Web Fraud Detection
- Adaptive Authentication
- Forensic Capabilities

Mobile Authentication



- Adds Biometrics to Mobile Apps
- Biometrics through Typing or Swiping
- Server or Device Matching
- Keystroke Dynamics with XY position on keys, pressure
- Gesture Dynamics, Accelerometer, Gyroscope, Magnetometer
- Both keystrokes and mouse usage are tied to what application that is currently in use.

Key Benefits

- Ability to self-learn a customer's normal behaviour
- Non-intrusive to the customer or their technology
- Multi-channel
- Enable risk based decision on “next steps”
- Configurable thresholds
- Multiple user profiles based on device type (e.g. mobile, tablet or desktop)
- Increased customer confidence
- Easy To Deploy
- Proven Technology
- FAST detection of impostors
- Detecting Cyber Attacks
- Low Cost