



The Asignio Revolution

Asignio revolutionizes the login and authentication experience for users. Asignio's mobile authentication platform utilizes the user's unique handwriting to provide secure access to all apps, websites, and accounts.

Any account. Any device. One Signature.

The Authentication Problem

Passwords and PINs may have worked in the early days of the internet, but in the modern digital world, such methods are outdated and impractical. The average user has over 100 accounts with login credentials. If the user wants to keep all those accounts safe, they must come up with 100 distinct passwords with eight characters or more, a capital letter, a special character, and a number. No one can remember that many unique passwords, so users recycle their passwords instead, reusing the same code words in order to ensure easy access to their accounts.

It's a security catch-22: if the user creates 100 different passwords to keep themselves secure, they will never remember how to access all their important accounts. On the other hand, if the user recycles their passwords, they leave themselves open to dangerous data breaches, where hackers can gain access to multiple accounts in one fell swoop.

Unfortunately, it is easy for hackers to steal passwords and PINs. Knowledge-based authentication is vulnerable to brute force hacking techniques, social engineering, or phishing scams.

It's time for a new, better, and more secure way to sign in.

Asignio: Innovative Soft Biometric Authentication

Rather than use a password that is easily stolen, hacked, or forgotten, Asignio uses biometrics to authenticate its users. Biometrics measure the physical or behavioral traits of the user to verify identity. Hard biometrics, like fingerprints, are a trait that can never be changed. Soft biometrics, like handwriting recognition, are characteristics that can be changed. Biometric security is safer than a password and has become a part of everyday life over the last few years.

What is the Asignio Signature?

Asignio is a handwriting-based biometric authentication system. Asignio uses cutting-edge soft biometrics technology to measure more than 25 unique aspects of a person's "Asignio Signature." Each *Signature* can consist of a personalized set of characters, letters, or even a simple drawing. A study by Rutgers University recently revealed that freeform sign-ins like the Asignio *Signature* are consistently easier to remember than passwords and much more difficult to hack.¹ A study performed on Asignio test users showed a similar result: users were asked to sign-in to their accounts after five months of inactivity, and all were able to successfully login within three tries, without needing to ask for assistance.

Asignio: Dedicated to Security Through Three Factors

Unlike many of its competitors, Asignio uses three factors of authentication to verify identity and keep its users protected. Each factor works like a lock on a door and the user is the only one with the keys to unlock them. Asignio is dedicated to keeping its users safe and their data secure.

The First Factor: The Asignio Signature

The first factor is the user's unique *Signature*. The *Signature* functions like a password, except that users do not need to create long passphrases with complex requirements in order to be secure. An Asignio *Signature* can be anything the user wants: a set of initials, a simple drawing, a stylized word, or group of characters! The Asignio *Signature* is a password that meets the user's specific requirements—not the other way around.

The user's *Signature* is much harder for a hacker to steal or copy than a simple password. With practice and muscle memory, users can sign-in with their *Signature* in under three seconds, making it difficult for a hacker to mimic the movement. However, in the unlikely event that a *Signature* ever does become compromised, the user can quickly create a new one and continue to safely use their account.

The Second Factor: Registered Devices

The second factor is the user's device. Asignio's web-based, cross-device platform allows users to quickly and easily register a number of devices to their Asignio login. Asignio links the device and the user's account so that no one else can login from an unregistered device.

Asignio takes security one step further by using the device's geo-location. By tracking where the user signs-in, Asignio can quickly respond to any red flags raised by unusual activity.

¹<http://news.rutgers.edu/news/smartphone-security-why-doodling-trumps-text-passwords/20160309#.WU1pf-vyvIU>

The Third Factor: The User's Handwriting

The third factor is the user's unique handwriting. The way the user writes a character, how fast they draw their *Signature*, how big or small they make their letters are all features that Asignio tracks. Each user has a unique way of writing and Asignio measures each user's distinctive strokes in order to better secure their data.

But Asignio does more than just measure the user's handwriting. Through machine learning, Asignio's cutting-edge software tracks how the user's *Signature* is written over time. A study performed on Asignio test users showed that the more a user signed-in, the faster and smaller their *Signature* became. Asignio measures these changes, tracking how the user's *Signature* changes and building a handwriting profile of the user. The more the user signs-in, the better Asignio is able to identify and authenticate the user's unique handwriting.

Asignio only becomes more secure the more it is used!

Asignio: Always Convenient to Use

Asignio can be used on any device with a touchscreen. This means that the user can access their accounts on a desktop, tablet, or mobile device using just their Asignio **Signature**. Users can even login using desktops without touchscreens through simple QR code linking. No matter where the user goes or what they might be doing, Asignio is easy, convenient, and above all, secure.

Asignio: A Better Way

Asignio is a new and better way to sign-in. No more struggling with frustrating passwords. No more worrying about phishing scams or breaches of unreplaceable data like fingerprints. The Asignio *Signature* is cutting-edge, intuitive, and safe.

Any account. Any device. One *Signature*.

