

# Biintellic™ Intelligent Anti-spoofing System

PART OF IMAGEWARE'S DIGITAL IDENTITY PLATFORM

To solve the industry challenge for an unspoofable face authentication system that is easy to use, ImageWare is proud to announce **Biintellic™ Intelligent Anti-spoofing System**.

Biintellic's development started with the end-user in mind; this means having **the easiest to use anti-spoofing face authentication system on the market**. We are proud to bring to the market this frictionless solution. Biintellic requires just a selfie to provide identity authentication while preventing even sophisticated presentation attacks. It does not require special hardware, nor subjects the user to unnatural movements or flashing lights, making the enhancement a seamless upgrade for enterprises and end-users alike.

Biintellic's frictionless approach is not only easy to use – **it is virtually unspoofable**. ImageWare has developed a solution that halts all types of attacks, from simple printed photos to complex 3D masks. Don't just take our word for it – Biintellic is being certified to acquire ISO certifications from the National Institute of Standards and Technology (NIST) and will become **the only face authentication system that is both frictionless and uses top-rated NIST face matching**.

*BiIntellic™ is Part of ImageWare's  
Digital Identity Platform*



## Key Features and Benefits

- **Spoof-proof:** *Detects presentation attacks, such as photo, video, and 3D mask attacks.* Biointellic is the most advanced solution in the industry, providing the most secure authentication system to reduce identity fraud and mitigate the risks for data breaches.
- **Frictionless:** It does not subject the user to unnatural movements or flashing lights. In other words, it's as simple as taking a selfie.
- **Standard hardware:** Biointellic works with the standard camera on any smartphone. No special hardware required.
- **Certifications:** Biointellic is being certified to acquire NIST Standard ISO 30107-3 certifications, becoming the only face authentication system that is frictionless and uses top-rated NIST face matching.
- **Future implementations:** The initial release of this solution provides anti-spoofing for facial recognition. But the solution will be expanded to provide anti-spoofing for voice, palm images, and more in subsequent releases.

## Technical Specifications

- **Advanced technology:** The solution is based on AI technology including neural networks and machine learning to provide the most accurate results in the industry.
- **Server-side solution:** All anti-spoofing analysis is performed on the server, eliminating the need to install any AI software components on the user's phone.
- **Separate anti-spoofing and matching technology:** Nearly any biometric matching technology including industry leading NIST-validated products that can be used in conjunction with Biointellic.
- **Scalability:** ImageWare's anti-spoofing technology is implemented within Docker and Kubernetes container technology, which can be dynamically scaled to handle peak loads.
- **Choice of deployment model:** ImageWare provides this technology as part of its SaaS solution, for on-premise deployment, or in hybrid models, all using standard Kubernetes containers.

*Biointellic™ Intelligent Anti-spoofing System is a part of ImageWare's Digital Identity Platform, an end-to-end digital identity proofing, authentication and lifecycle management solution as a cloud SaaS and for on-premise systems.*

*For more information visit:  
[iwsinc.com/solutions](https://www.iwsinc.com/solutions)*

