

# Avoco Identity Company Curriculum Vitae: The Security Years

## Statement

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The people who make up Avoco Identity come from a background of computer security dating back to the early 1990s. Our beginnings in this industry saw us create a number of award winning software solutions based on encryption, boot protection, access control, enterprise rights management and digital signing software. These solutions were used by individuals and fortune 1000 companies alike. Even in our earliest incarnation as encryption specialists, we recognized that access is controlled by knowing the 'who' within that equation. It is these security skills that have allowed us to create a highly security aware identity platform, critical for protecting the online identities we create.

## Expertise

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- Identity provisioning and management
- Scaling
- Protocols
  - SAML 2.0, WS-Trust, OAuth, UMA and OpenID Connect
- Web / Cloud security
  - Holistic analysis of security requirements
  - Authentication
  - Anti-hacking
  - Fraud detection
  - Identity verification
- Cryptography
  - Secret sharing
  - Encryption, including white box cryptography
- Secure coding practice
- Design in PHP C++
- Operating system level security
- Digital rights management of content
- Digital signatures (including content based digital signing)

## Team Focus

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Our team is made up of individuals who have decades of experience in both security and identity. This experience spans mechanistic and coding experience as well as design, analysis and implementation of applications. We have extensive knowledge of secure coding practices and the design of secure applications and identity systems. Our identity platform has benefited immensely from this diverse knowledge base and is designed and built from the outset to create a secure, yet usable, identity provisioning service. This security focused design extends to ensuring that any ecosystem partners are similarly integrated with security in mind.



### Avoco Identity Provides Excellence in Identity Assurance

- **Scalability:** Highly scalable identity provider for mass adoption
  - **Security:** Security optimized for public facing identity services
  - **Usability:** Enhanced usability for a wide demographic
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