

# How Evia Sign Meets the Standards of the Electronic Commerce Act of 2000 in the Philippines



In today's digital age, trust and compliance are essential for adopting electronic signatures. The Electronic Commerce Act of 2000 in the Philippines establishes clear guidelines for the legal recognition of electronic signatures, emphasizing data integrity, authentication, and secure storage. Evia Sign fully aligns with these regulations, offering a reliable, compliant, and secure solution tailored to meet Philippine standards.

# Compliance with the Electronic Commerce Act of 2000



## 1. Integrity and Reliability of Signatures

### **Data Integrity:**

Evia Sign ensures that the integrity of signed documents is preserved. Once a document is signed by all parties, Evia Sign digitally seals it using a trusted digital certificate. This ensures that any tampering or alteration after signing is detectable, maintaining the document's integrity.

### **Encryption Standards:**

- **In Transit:** Evia Sign uses SSL encryption from DigiCert to protect documents during transmission.
- **At Rest:** Documents are stored securely with AES 256-bit encryption in Azure Blob Storage

### **Comprehensive Audit Trails:**

For every document processed through Evia Sign, we provide a comprehensive audit trail that meticulously tracks each step of the signing process.

This log includes:

- The identity of the signatories.
- Time and date of signing.
- IP addresses of devices used.
- Authentication methods applied (e.g., OTP or Passwords).

The audit trail is digitally sealed with a digital certificate, ensuring its authenticity and reliability for future reference.

This transparent and detailed record ensures the authenticity of the document and the integrity of the signature, fully aligning with the stringent requirements of the Electronic Commerce Act of 2000 in the Philippines.



## 2. Identity Verification

For organizations using Microsoft O365, Evia Sign integrates seamlessly, allowing users to log in with their Microsoft credentials and enabling Multi-Factor Authentication (MFA) for enhanced security.

### **O365 Single Sign-On (SSO):**

Evia Sign offers seamless integration with Microsoft O365 Single Sign-On (SSO), enabling users to authenticate effortlessly with their existing Microsoft credentials. This integration streamlines the login process, eliminating the need for multiple passwords and reducing the risk of credential fatigue. By leveraging Microsoft's advanced identity and access management capabilities, Evia Sign ensures that access to your documents is not only simplified but also highly secure, providing peace of mind and enhancing overall productivity.

### **Multi-Factor Authentication (MFA):**

To further strengthen security, Evia Sign integrates Multi-Factor Authentication (MFA) as part of our O365 Single Sign-On (SSO) solution. With MFA, users are required to provide not just their Microsoft credentials but also a second form of verification, typically through an authenticator app that generates time-sensitive codes. This additional step ensures that even if a password is compromised, unauthorized access to your account is effectively blocked. By combining the convenience of O365 SSO with the robust protection of MFA, Evia Sign offers a highly secure and resilient authentication process, safeguarding your sensitive documents and data.

### **Knowledge-Based Verification (KBV):**

For scenarios requiring strong identity assurance, we incorporate Knowledge-Based Verification (KBV). This involves users answering personal or historical questions to verify their identity, making it ideal for high-stakes transactions such as financial services or legal agreements.

## One-Time Passwords (OTP):

Evia Sign offers multiple methods to verify the identity of signatories, ensuring compliance with the requirements of the Electronic Commerce Act of 2000 in the Philippines.

Our OTP-based authentication system ensures that only authorized individuals can access your documents and signing processes. Here's how we keep your information safe:

- **SMS OTP:** Receive a one-time password via SMS directly to your mobile phone. It's a quick and reliable way to verify your identity and ensure secure access.
- **Email OTP:** For those who prefer email, we send a one-time password to your registered email address. Simply enter this OTP to gain access and keep your signing processes secure.
- **Predefined Access Codes:** Use predefined access codes that you set up in advance for an additional layer of security. This method is ideal for environments where regular access is needed but remains tightly controlled.

These options provide a versatile and robust authentication system, so you can confidently manage and sign documents knowing that your information is protected.



## 3. Consent and Intent

### Clear Intent to Sign:

Evia Sign ensures users are fully aware when they are about to sign a document electronically.

### Explicit User Consent:

- For external users, Evia Sign ensures they accept the license agreement before signing each document.
- Internal users are governed by an organization-wide acceptance policy, ensuring compliance within corporate workflows.

### Confirmation of Intent:

- Signatories must click the 'Finish' or the 'Complete' button to complete the signing process, providing a clear indication of their intent.



## 4. Secure Document Storage

### **Encryption:**

Evia Sign utilizes state-of-the-art AES 256-bit encryption to protect documents and signatures from unauthorized access or tampering. This robust encryption technology secures data both in transit and at rest.

### **Access Control:**

- Signed documents are accessible only to the requester and authorized signatories via the Evia Sign app.
- Files are encrypted both at the application level and at rest within Azure storage.

### **End-to-End Lifecycle Security:**

- Evia Sign follows ISO 27001:2022-approved processes, ensuring the protection of sensitive information throughout its lifecycle.



## 5. Compliance and Assurance

Evia Sign's commitment to security, privacy, and compliance aligns with global standards. Our commitment ensures that our platform not only aligns with but also establishes benchmarks for industry practices:

**ISO 27001:2022 Certification:** Evia Sign adheres to the internationally recognized standard for information security management, ensuring the highest level of protection for user data.

**eIDAS Compliance:** Evia Sign supports Simple Electronic Signatures (SES) and Advanced Electronic Signatures (AES), ensuring legal validity across various jurisdictions.

**GDPR Compliance:** Evia Sign is compliant with GDPR, safeguarding user privacy and maintaining transparency in data handling processes.

# Conclusion

Evia Sign goes beyond mere compliance. By embedding security, privacy, and compliance into its core, Evia Sign offers a platform that instills trust and delivers a seamless user experience. Its adherence to the Electronic Commerce Act of 2000 ensures that electronic transactions are legally valid, secure, and efficient. If you're ready to elevate your organization's digital signature capabilities while meeting regulatory standards in the Philippines, Evia Sign is your trusted partner.