What is eIDAS?
eIDAS is the European Regulation aimed at creating a framework for cross-border electronic identification and transactions across EU member countries.

What are the primary mandated practices of eIDAS?
- Interoperability of government issued ID: EU Member States are required to mutually recognize each other’s electronic identification (eID) systems when accessing online services.
- Single digital market: Electronic Trust Services (eTS), including electronic signatures, electronic seals, time stamps, electronic registered delivery service and website authentication, will work across borders and will have the same legal status as paper-based processes.

What are the goals of eIDAS?
- Open up access to public services and ensure secure cross-border transactions.
- Enable cross-border trust.
- Improve security and convenience when doing business online.
- Encourage digital transactions growth and democratization.

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Electronic Signatures
-基本签名：用于电子形式的身份验证，不可否认。在法律上，基本电子签名与纸质版具有相同的法律效力。

Advanced Electronic Signatures (AdES)
- 高级电子签名：需要更高的安全级别，通常与证书相关的数字签名。这些签名可以验证签名者的身份，确保电子文件的安全和完整性。

Qualified Electronic Signatures (QES)
- 认证电子签名：与数字签名相关，其证书由CA（认证机构）签发，且必须存储在符合标准的设备中。

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Gemalto eIDAS compliant solutions
- Gemalto offers several products that provide state-of-the-art security and are fully compliant with eIDAS regulations.
- IDPrime MD 840, contact interface smart card
- IDPrime MD 3840, dual interface (contact and contactless with NFC) smart card
- SafeNet eToken 5110, USB Token
- Gemalto Smart Cards & eIDAS Compliance

These products are all CC EAL5+ / PP QSCD certified and eIDAS compliant.