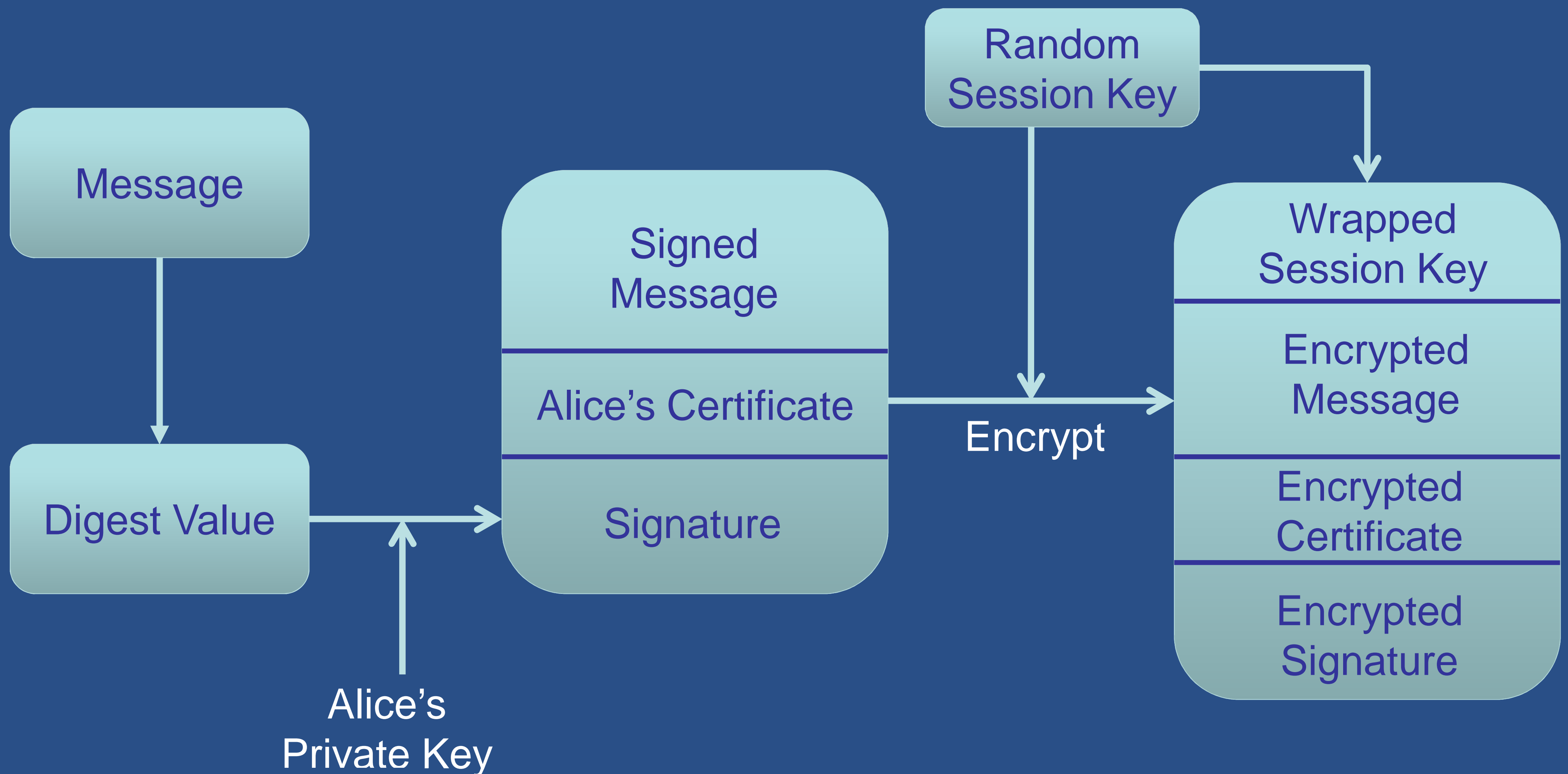


# Cryptographic Toolkit



## Security Services

- Confidentiality
- Data Integrity
- Authentication
- Authorization
- Non-repudiation

## Cryptographic Primitives

- Block Ciphers
  - Modes of Operation
- Digital Signatures
- Entity Authentication
- Key Management
  - Key Derivation Functions
- Message Authentication
- Random Number Generation
- Secure Hashing