

# Privacy Protection & Confidentiality

## Layer 1: Data Collection

Collect only minimum necessary data, explicit consent

## Layer 2: Storage and Transmission

Encryption, access control, audit logs

## Layer 3: Use and Analysis

De-identification, differential privacy, permission management

## Layer 4: Sharing and Disposal

Limited sharing, secure deletion



### Technical Protection

Encryption  
Anonymization  
Differential Privacy



### Administrative Protection

Access Control Management  
Security Policy Establishment  
Employee Training



### Legal Protection

GDPR, HIPAA Compliance  
Personal Information Protection Act  
Medical Law Compliance