

# Enterprise Public Key Infrastructure (EPKI)

## EPKI Components:

- Certificate Authority (CA) Server
- Registration Authority (RA) Server
- Public Server

## EPKI Features:

- AAA(Authentication, Authorization, Audit) services
- Non-repudiation
- X509 (v3) compliant digital certificates
- PKCS compliant requests and responses
- Certificates for users and server Key Management
  - Issue
  - Revocation
  - Renewal
  - Verification
  - Key management services
  - CRL Publishing / Query - Results
  - OCSP Support
- Customization for Server Components
- Customization for Encryption algorithm (RSA, ElGamal, Elliptic Curve etc)
- Customizable certificate parameters
- Customizable Policy implementation
- Roaming solutions (Certificates in CD ROM and Flash memories)
- Branding for user requirements
- Dual Key Pair Support

## **EPKI Integration:**

- Mail clients using S/MIME
  - Outlook express
  - Netscape
  - Mozilla
  - Other S/MIME Mail Clients
- Remote login using SSH, SFTP
- ERP Integration
- Application Integration
- CRM Integration
- Tools Integration
- Work flow integration