

# Use Cases



## SIGN

- signing mails to protect integrity
- signing mails to assert authenticity
- signing mails for content commitment or wilful acts

## ENCRYPT

- encrypting mails to protect confidentiality

## RELATED CONSIDERATIONS

- How email control is validated by CA? Domain/enterprise vs individual
- Individual user of a cloud service vs user's own domain with an mx that points to service.com

# Use Cases



## KEYGEN AND/OR KEY STORAGE

- keygen by CA
- crypto token
- operating system (NSS, CAPI, etc)
- web browser (browser crypto)
- application (on iOS, Android, etc)
- enterprise email gateway (including domain certs)
- cloud signer/encryptor (cloud user agent)

## RELATED CONSIDERATIONS

- Protection of the private key; attestation by token/HSM
- Dual use (sign/encrypt in one cert) or split keys (separate certs for sign and encrypt)
- Escrow / key archive considerations (who owns the cert, record keeping)