

Information security is one of the key technology which support various ICT system.

**Digital watermark -**  
Embedding imperceptible proof for protecting copyright of digital contents

- Video watermark against various alterations
- Invisible barcode

**Network security -**

Development of new technology against various attack.

- IDS and its management system
- Visualization of attack

**Individual authentication –**  
Safe and user-friendly person authentication system

- Authentication against shoulder hacking
- Multimodal authentication

**Privacy protection –**  
Security protocols which protect privacy data.

- Searchable encryption
- Database encryption

