



**Trust services to secure  
and guarantee the  
electronic content**

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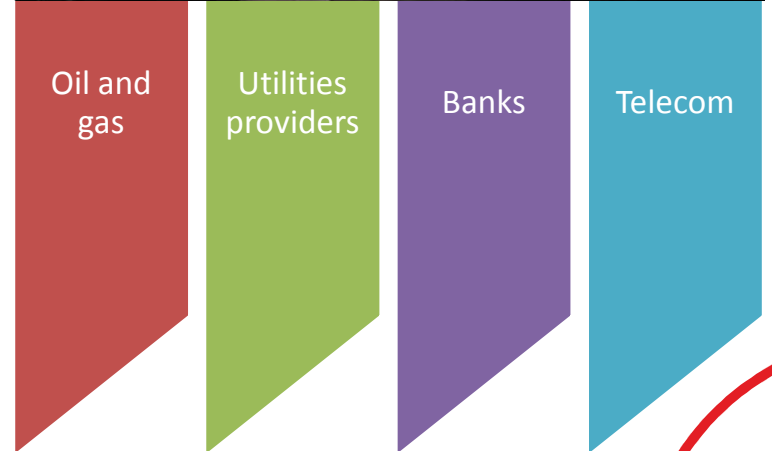
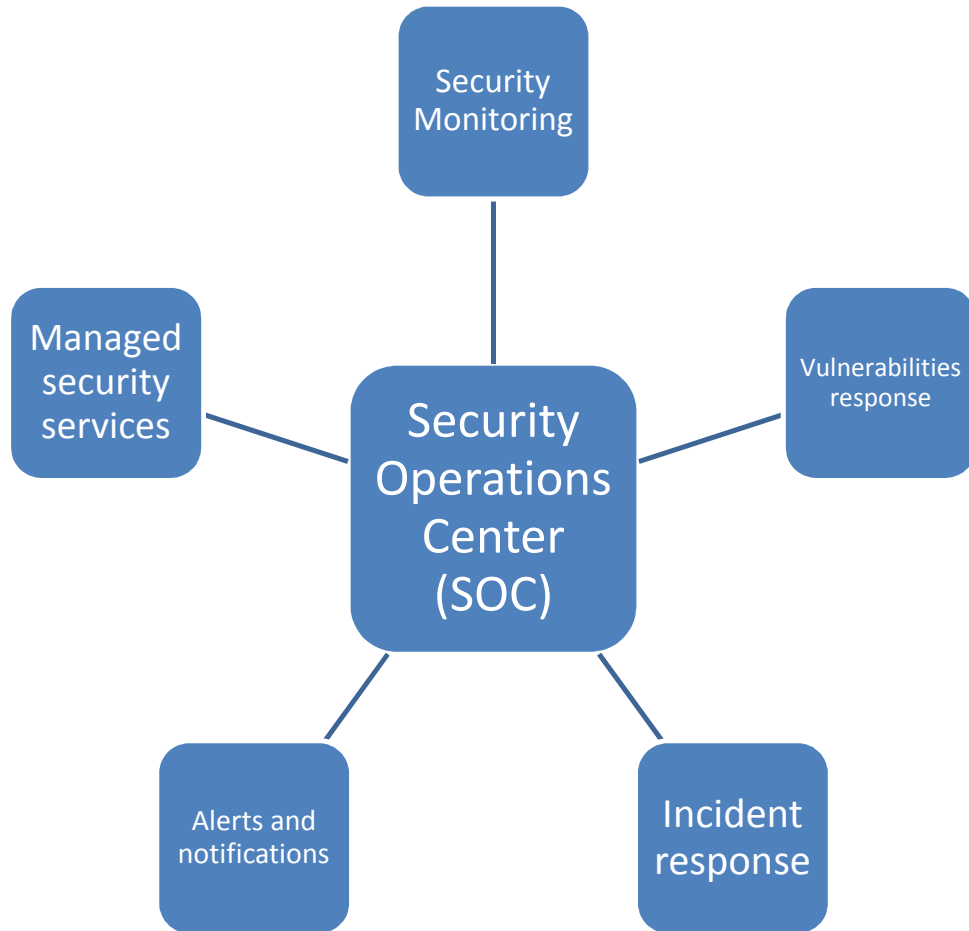


## Trust services

- Electronic identity services
- Web identity services – SSL certificates
- Time stamp services
- Electronic seals services
- Electronic delivery services
- **New trust services?**
  - **SOC services**
  - **Web site content guarantee services**



# SOC/CERT/CSIRT services





# SOC services

## REACTIVE

- Alerts & Warnings
- Incident Handling
- Vulnerability Handling
- Artifact Handling

## PROACTIVE

- Announcements
- Technology Watch
- Security Audit or Assesments
- Configuration & Maintenance of Security Tools, Applications, Infrastructures
- Security Tool Development
- Intrusion Detection Service
- Provisioning of Security related information

## Security Quality

- Risk Analysis
- Business Continuity and Disaster Recovery
- Security Audit
- Security Consulting
- Awareness Building
- Training
- Product Evaluation / Certification

# Increase the confidence through the guarantee of the public electronic content

The increase of confidence in using publicly displayed content can be achieved through guarantees given at both ends of the electronic content cycle in certain situations:

- **As an electronic content consumer:**

- The user of an electronic public auction system -> to prove the existence of certain auction conditions -> to protect himself against unfavourable changes in auctions conditions or even the auction disappearance
- The user of a shopping website -> to prove the sales conditions displayed at certain point in the website -> to protect himself against unfavourable changes in prices or sales conditions

- **As an electronic content supplier:**

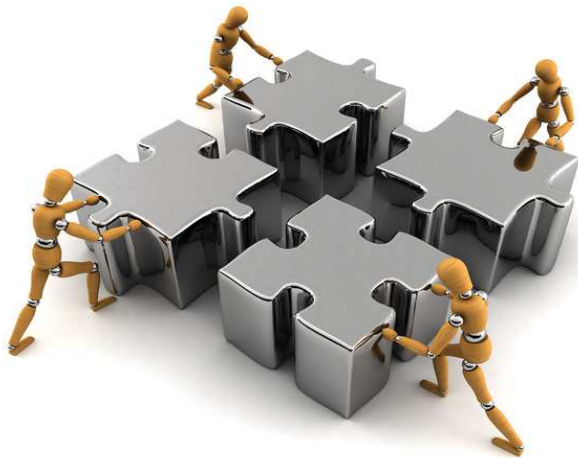
- The operator of an electronic public auction system -> to prove the content displayed -> to protect itself against possible claims of auction conditions change
- The operator of a shopping website -> to prove the sales conditions displayed at certain point -> to protect itself against possible litigations or unfavourable press campaigns



# What is needed to guarantee the electronic content at a certain point in time

The technologies to guarantee the electronic content would need to have the following main functionalities:

- Identification of the electronic content followed by the collection from the source
- Establish the authenticity and integrity followed by the guarantee of the electronic content from that point onwards
- Structure the electronic content followed by the content archival in safe conditions
- The extraction from the archive and presentation of the relevant electronic content in case is needed



# TAPE – R&D project for technologies to process and guarantee the electronic content



certSIGN is developing such technologies through the R&D project TAPE, with the following components:

- On site distributed agents and connectors to identify and collect the e-content
  - The content sources management (internal network locations, web locations, distributed workstations etc.)
  - The identification filters (accepted content type, content time attributes, information indexes or keywords etc.)
- Classify and guarantee the e-content at one point in time
  - E-signature & time stamping of the collected and identified content or the validation of the already signed and stamped content
  - Automated structuring and classification of the electronic content with modern algorithms based on the content type (text, pictures, video, audio etc)
- Archive and guarantee the e-content for a long term
  - Storage process to insure legal value over a long period of time
  - Speedy retrieval and presentation of the guaranteed content

# Contact



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