SECU WATCHER FOR CCTV

SECUWATCHER for CCTV (Export), stands for?

SECUWATCHER FOR CCTV (EXPORT) is a secure online video export system for personal privacy protection based on the Personal Information Protection Act (PIPA).

- Personal privacy protection based on the Privacy Act
- Video tampering prevention and detection function
- Provides only necessary information according to access authority
- Safe video export and logging

☑ Personal Privacy Protection

- Support object detection function
- Personal privacy masking function based on the PIPA
- Provides an Automatic / Manual object detection and selective object tracking function
- Provides a function to limit the number of playbacks and playback period by applying DRM
- To play a video, the user password must be entered

☑ Video Export Management

- Online video export request (Web, Mobile)
- Provides various information (usuage status) and statistical charts through dashboard
- Systematic video export process through management server
- One-stop management of the entire process of system subscription, application, approval, registration, viewing and export

☑ Video Tampering Protection

- Support an image and text watermark system
- Zero water marking technique that is robust against video attacks (Compression, Modulation, etc.)
- In case of video leakage, trace the leakage route
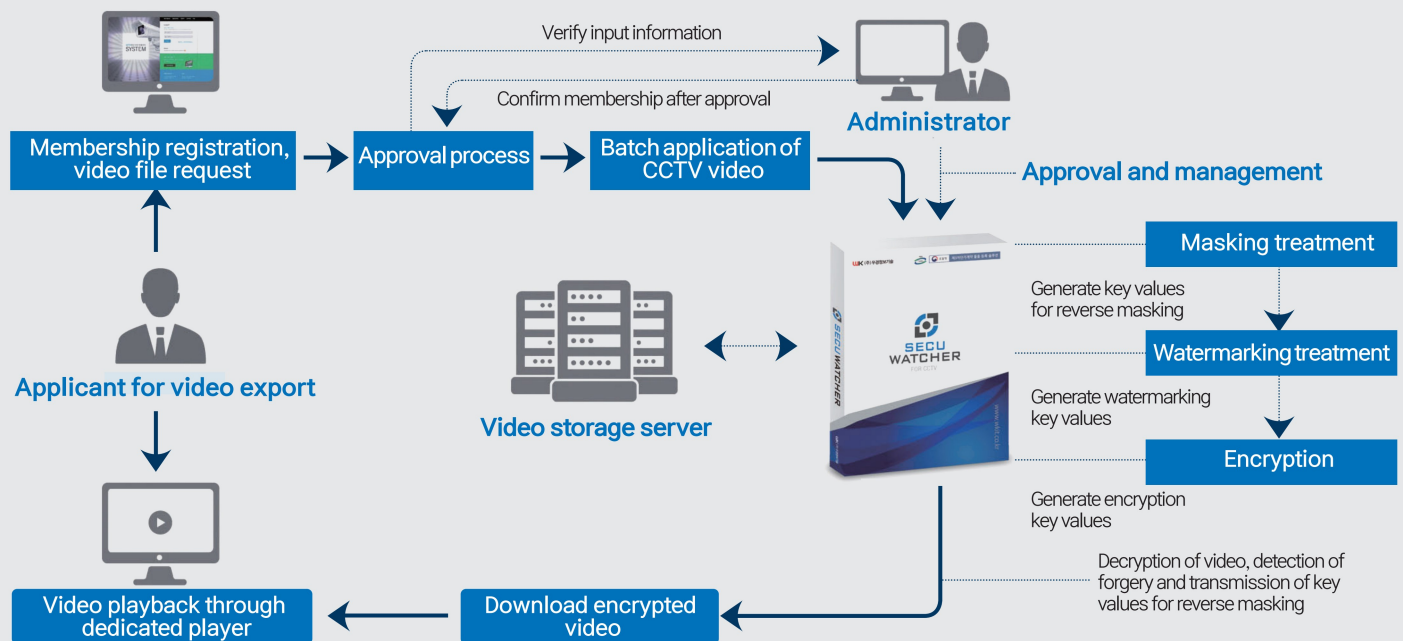
☑ Deep Learning Object Detection

- Provides over 90% detection rate using deep learning-based object detection technology
- Provides detection of various object such as vehicle/license plate, human/ face, etc.
- Detection rate can be increased by additional deep learning
- Possible to add type of detection objects

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Video Export System prevents personal information leakage that caused by illegal distribution of video data by supporting personal privacy protection measures (masking), watermark functions, which help to prevent any illegal copy when exporting video data, and provides to differentiate the authority of crime screening video (for the police) and for civil purposed video.

Verify input information

Confirm membership after approval

Administrator

Membership registration, video file request → Approval process → Batch application of CCTV video

Approval and management

Masking treatment

Generate key values for reverse masking

Watermarking treatment

Generate watermarking key values

Encryption

Applicant for video export

Video storage server

SECU WATCHER

Generate encryption key values

Decryption of video, detection of forgery and transmission of key values for reverse masking

Video playback through dedicated player ← Download encrypted video ←

Dashboard

SECUWATCHER for CCTV supports a dashboard that provides video export applications and various information, allowing the video information manager to systematically manage the export history. of system subscription, application, approval, registration, viewing and export

Dedicated Security Video Player

SECUWATCHER for CCTV allows you to limit and manage the duration and number of playbacks through a dedicated security player.

Object Masking

Automatic object detection

Selective object detection (Object designation)

Selective object detection (Object tracking)

Selective object detection (Unmasking)

Manual object detection