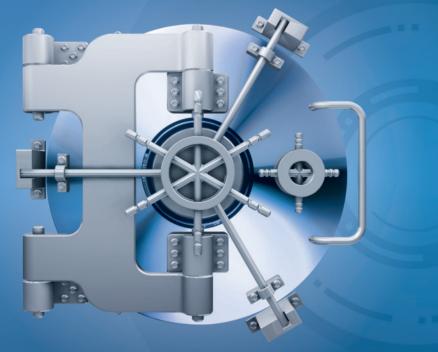# incom. store.more.secure.

Als Value Added Distributor für Langzeitdatenspeicher-, optische Archiv- und Produktionssysteme, sowie Videoüberwachung bieten wir Hersteller- und Branchen-unabhängige Lösungen.

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MediaStation – Network Solution
Efficient processing of data from digital devices and media.

The MediaStation is the complete back office solution for transferring video, images and audio from digital devices and media. Plug in your device, touch the appropriate app and leave MediaStation to quickly process your data effortlessly following your defined procedure.

No traditional computers are required, thereby removing the additional costs and problems associated with running multiple applications to process data in the back office. The MediaStation can operate as a standalone machine or be integrated with other systems via the network.

Example operator process and method

1) A memory card or digital device is connected to the MediaStation.

2) MediaStation is activated by a single tap of the UPLOAD icon.

3) The operator is asked to acknowledge not removing the card until the process has been completed and a receipt for evidence has been issued.

4) While the operator enters metadata the MediaStation carries out the following processes.

    a) The memory card is checked for malicious software and viruses.

    b) The entire memory is read, analysed, and a forensic image is created.

    c) A digital audit trail is written, along with a unique digital seal for the evidence.

    d) the image is compared with the memory card.

5) The user is asked for metadata about the images / video or other data.

    a) The data is classified into type and offence.

    b) The location and details of any person are recorded.

    c) Reference numbers are taken to enable cross referencing to other systems.

6) A preview of the evidence is displayed on screen.

7) A Master package of the forensic image and metadata is created and sent for storage dependent on the offence and type of data.

8) Working copies of the evidence are generated ready for transmission to third party systems for display and future use in court. The metadata is sent along with the working copies.

    a) Images can be optimised and watermarked.

    b) Video can be converted for display on the web and easy transmission.

9) The Master and working packages of data are verified and the digital seals regenerated and compared.

10) Providing all stages are successful the memory is completely erased by overwriting all the data contained on the card or device.

11) A receipt for the evidence is issued and the officer records this 5 character number. The receipt is generated from the digital evidence and acts as a digital seal making it impossible to tamper with the evidence and can be used to locate the forensic image independently from any metadata taken.

12) The process is complete and the officer can move on to the next task within a matter of minutes, completed in a fraction of the time that would have been taken using a computer to carry out a substandard process that does'nt follow best practice.

13) The MediaStation will transmit the evidence automatically to the storage systems and third party systems. Forensic images can be stored locally, transmitted across the network or buffered for collection on a regular schedule.

Follow Best Practices

Comply with Document Imaging in Practice
Define separate Master and Working copies

Follow ACPO Good Practice Guide for Digital Evidence
Enables the four principles of Digital Evidence to be applied

Comply with MOPI guidelines
Ensure evidence is correctly marked-with metadata for future Review, Retention and Disposal.

Cost Saving

Remove training cost
Eliminate operator error
Automate tasks
Ensure procedures are followed
Utilise existing networks
No need for computers and software
Save time in processing jobs
Support for future devices

Book A Demo

Contact Mercia Solutions to arrange a demonstration and see how the MediaStation can help you.

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Network Solution

Optimised for existing networks

- o   Works with slow links & unstable networks
- o   Encrypt data during transmision
- o   Compression & Bandwidth limiting
- o   Scheduled transmission
- o   MD5 verification
- o   No user delay waitng for the network
- o   Mobile networks 3G and 4G support

Connect with other systems

- o   Send data to Digital Asset Management systems
- o   Send data to Content Management Systems
- o   Link to Forensic management software
- o   API for easy integration
- o   Convert media to diffrent formats

IMAGES

AUDIO

VIDEO

JOB DETAILS

RECEIPT

MASTER COPY + METADATA

WORKING COPIES + METADATA

Central Master Storage

Central Working Storage

Evidence is sent to centralised systems

Evidence is managed in minutes

Private existing networks

Master and Working copies are sent back to a central location across exisiting networks. The transmission is automated in the background. The networks utilisation by MediaStation is fully configurable and can be optimised for bandwidth and usage so as not to impact on exisiting services.

Public network

Working copies are encrypted and compressed before transmision

Remote Site

Station1

Station 2
remote slow link
Master copy held
locally

Station 2a

Station 2b

Station 3

3G / 4G mobile link

Mobile Unit 1