



## EVIDENTIAL DIGITAL ASSET MANAGEMENT SYSTEM

# MOTOROLA & SYSTEM SIMULATION ASSETINDEX+

Giving frontline police officer the ability to quickly and securely capture images at the scene of an incident can be extremely valuable when evaluating cases and pursuing prosecutions. However, as officers start to capture images, the complexity of managing the storage, integrity and audit trail of thousands of images could quickly outweigh the benefits.

AssetIndex+ is a software platform from System Simulation which offers a robust and secure system for video, image and digital asset management, storage and retrieval. AssetIndex+ can operate in tandem with the new MTP6000 series TETRA radios from Motorola Solutions which come equipped with a built in camera and colour display. The radios give their users a ruggedized, always present camera with a unique feature set including secure digital fingerprinting of images at

the point of capture, and “image push” for delivering images to radio through the iTM PICs solution. These new TETRA radio facilities are supported and augmented when the equipment is used in conjunction with AssetIndex+. AssetIndex+ acts as a trusted repository for images taken with the radio cameras, keeping track of the digital fingerprints and ensuring that images are managed at the highest standards needed for use in critical applications including criminal justice evidential use, insurance applications, and a wide range of security, engineering, and healthcare applications. AssetIndex+ also provides an easy to use interface for managing image push into radios, and provides standards based interfaces for working in with other applications such as command and control, crime and forensics, asset management, and other business critical systems.





## Supported Platforms

AssetIndex+ server software runs on Microsoft Windows Server 64bit 2008 or later or on current Linux releases. Server specification depends on usage including user numbers and behaviour, asset ingestion rate, and asset sizes. A modern 4CPU, 6core, 2.8 GHz system with 32 Gbytes RAM can support a user community of dozens or hundreds of frequent users and thousands of occasional users. Additional servers can be introduced to spread ingestion load. Storage can be provided internally or using an externally attached NAS or SAN. The system is supported on virtualised hardware. System performance using external storage or virtualised hardware depends on those platforms operating at the same performance level as local or non virtualised provision. Supported web servers are Microsoft IIS and Apache.

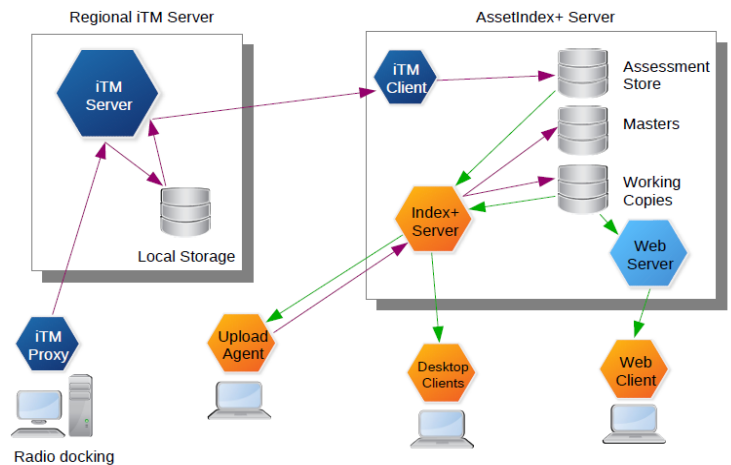
AssetIndex+ client software, including the AssetIndex+ desktop application and the AssetIndex+ Upload Agent runs on all supported desktop Microsoft Windows releases. Windows XP support is also currently available.

The AssetIndex+ web client runs in all modern browsers.

Network communications to web browsers uses standard HTTP or HTTPS protocols. Communication to AssetIndex+ client software uses the Index+ *sci2* protocol over a single TCP/IP port which is compatible with standard network administration including Network Address Translation, firewalling, routing, etc.

## System Functions

AssetIndex+ provides evidential quality management of images and other digital assets. The system can ingest images taken on



MTP6750 TETRA camera radios or acquired by other means e.g. Body Worn Video devices. Information about the images is extracted from the image files themselves, and further information can be supplied by users using the AssetIndex+ Upload Agent. The system allows users to search the repository, and access images, export them, create reports, etc. The system has an optional Forensic Audit module which records a detailed history of all accesses to the system, recording both read only and update accesses. The system has no inherent limits to repository size or number of users: limits are only imposed by licence conditions, hardware performance and capacity.

## Installation

AssetIndex+ software is supplied on a CD ROM. M-Lite editions can be installed locally by competent system administrators. Installation services are available and installation support can be provided. M-Full editions are provided with installation services and will be installed using remote access to your servers. Backup is straightforward and involves backing up a small number of folders on the server using any standard backup processes. Images and digital assets are held in *Asset Arenas* which are particularly suited to incremental backup.