



GEMS™ Evidence Management

GEMS™ Integrated Modules

Evidence Management

Designed to support any type of investigation, GEMS from Atos is an advanced application that improves the efficiency of any investigative team. Using a familiar user-friendly interface, GEMS facilitates full document imaging and storage enabling investigators to work with electronic copies of evidence minimising the handling of originals.

Providing robust support, all from one easy-to-use platform, GEMS can reduce the time and costs associated with small-scale to large complex cases. GEMS goes beyond traditional spread sheet and record management systems, it is a specialised ediscovery solution.

GEMS software is comprised of 7 integrated modules that deliver comprehensive digital evidence management for:

Scanning, Optical Character Recognition (OCR), Reports, Security, Audit, Witness & Exhibit List, and GEMS Lite (eBrief).

GEMS Application

The main GEMS application enables evidence to be stored, categorised, sorted and searched. Entities (persons or objects of interest) can be created and evidence can be easily cross-referenced or linked to these entities. Time-based events can be logged and linked to evidence or entities.

A full evidence matrix can be created pulling together the 'story' of the case and from that evidence matrix an output in the form of a report or 'brief of evidence' can be automatically generated. Briefs can also be exported onto CDs for efficient distribution to key stakeholders.

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Application features

- Document structure, types and labels completely configurable.
- Entity types configurable.
- Data entry field labels and attributes configurable.
- Unlimited document types can be listed.
- Scalable. PC, LAN, or WAN compliant using both thick and thin-client environments.
- Import individual or groups of documents into document structure.
- Ability to import the entire contents of a seized hard disk and retain its original file and directory structure.
- Loading of imported documents can be scheduled for off-peak times when the network traffic is at its lightest.
- Can store any type of file including photographs, audio and video files.
- Audio and video files can be segmented enabling only the key segments to be included in the brief.
- All evidence is given a unique identifier, down to the page level, upon scanning or importing into GEMS.
- Can perform simple and advanced information searches.
- Multiple search criteria can be applied to searches.
- The same evidence can be linked to multiple entities.
- Point and click cross-referencing or linking.
- Flexible evidence matrix structure enables easy repagination, re-labelling and restructure as nature of the investigation or brief of evidence changes.
- Workflow features makes creating output or 'brief of evidence' simple.
- Documentary evidence embedded into output/brief.
- Output/brief can be sectioned to enable only relevant sections to print.
- Multiple briefs easily printed.
- Creation of output satisfying 'full disclosure' legislation made simple.
- Export brief electronically onto CD for easy distribution.
- Entire case can be electronically exported and installed onto a laptop to support investigators travelling to remote locations.



Scanning

Paper evidence generated throughout the course of an investigation can be scanned into the chosen document categories in GEMS. Each document is given a unique identifier. Good design minimises the keystrokes needed to enter evidence into the system.

Scanning features

- Able to work with any TWAIN-compliant scanners
- Can scan and commit documents into system in separate sessions
- Batches of documents can be loaded into document categories with a single mouse-click
- Documents given unique identifiers upon commitment
- Document-specific information can be added upon commitment or any time later
- Document resolution, compression and orientation can all be controlled

Optical Character Recognition (OCR)

Optical Character Recognition (OCR) is process which turns the text on any scanned document into ASCII text. This enables a word or string of characters in the scanned evidence to be searched using the powerful GEMS search engine. Security Team members can easily be given access to selected cases while part of the investigation team. Permissions across the system and within a case or any number of cases are easily applied by simply clicking on check boxes.

Optical Character Recognition features

- Can be run upon request, continuously in the background, on a timer or as a Windows™ service
- Can automatically determine correct orientation of document
- OCR zones can be set
- Word validation can be set
- Training mode can be enabled ensuring that corrected words are memorized

Reports

A powerful reports module enables key data held within the GEMS database to be sorted and structured into information reports. Reports can be created directly within the reports module or exported to other applications for manipulation & presentation.

Report features

- All key data held in GEMS database tables can be selected, sorted and structured into a report
- Reports can be created in real-time
- Flexible report generator enables multiple sort criteria
- Reports can be created directly in reports module or data can be exported to another application (i.e. MS



Security

Team members can easily be given access to selected cases while part of the investigation team. Permissions across the system and within a case or any number of cases are easily applied by simply clicking on check boxes.

Audit

The audit module logs a full audit trail of any additions, amendments and deletions to data held within the system. GEMS logs the identity of the person making any changes, their workstation, the time, date and nature of any such changes.

Exhibit list

This module contains all of the evidentiary material specifically tendered as an exhibit during the court proceedings. A Judge or Jury Officers can use this module to view just the formally tendered exhibits that have been exported from GEMS Lite, including any multimedia exhibits such as digital audio or video.

A number of reports can be easily generated and jury members can collectively analyse and discuss the exhibit material in an efficient and user-friendly manner.

Security features

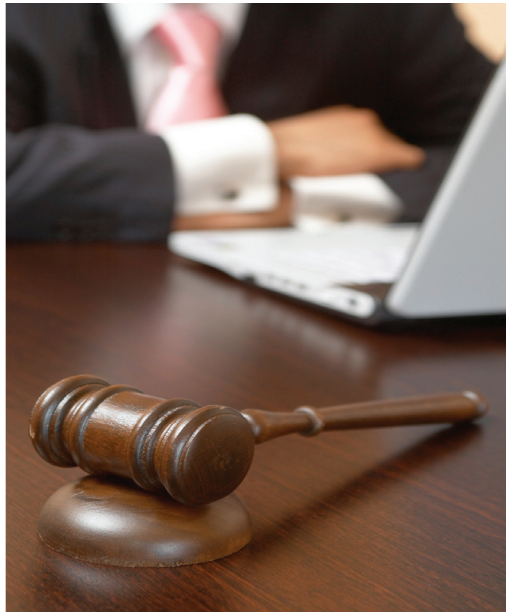
- Point and click permission setting
- Access permissions can be set differently for every user
- Permissions can be allocated on a per case basis
- Security levels are configurable
- Operating system log-on validation can be enabled reducing the log-on requirements for networked users

Audit features

- Can track changes to every table in the GEMS database
- All changes are time and date stamped and also includes information on user making any changes
- Access to this module can be completely restricted, limited to view only, or full access can also be given
- Auditing can be enabled or disabled for specific database tables

Witness & Exhibit List features

- Single graphical user interface
- Produces several formats of reports
- Ensures that a full Witness & Exhibit List is always retained for the Judge and the Jury



GEMS Lite

This module delivers litigators with a user friendly application to analyse and prepare a delivered brief for presentation in the court room. Evidence is very easily identified and searched via a unique Evidence Item ID.

Litigators can create bookmarks to assist with the delivery of their arguments and the appointed court officer will flag tendered evidence as Exhibits in preparation for export to the GEMS Witness and Exhibit List module used by the Judge and Jury.

GEMS Lite features

- Single graphical user interface
- Simple Google style searching
- Allows litigators to create their own personal bookmarks
- Allows uploads of court transcripts
- Synchronizes the display of audio and video evidence with their associated transcripts
- Retains full audit trail to support the deletion and re-tendering of exhibits
- Allows exhibits that are not originally held in the GEMS database to be tendered into the Witness & Exhibit List module by the rival litigation team
- Fully integrated with witness & exhibit list module

About Atos

Atos is an international information technology services company with annual revenues of EUR 8.7 billion and 78,500 business technologists in 42 countries. Serving a global client base, it delivers hi-tech transactional services, consulting, systems integration and managed services. Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. It is the Worldwide Information Technology Partner for the Olympic Games and is quoted on the Paris Eurolist Market. Atos operates under the brands Atos, Atos Consulting, Atos Worldline and Atos WorldGrid. For more information visit atos.net

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.