



# Police Newsletter

## Greater Investigative Power

### Inside this issue:

Introduction	1
Solving Carousel VAT Fraud	2
Strathclyde Police Usage	2
Crown Office implementation	3
Police Federation Benefit	3
STOP PRESS	4
Information Request Form	4

### Special points of interest:

- HMRC Investigations.
- Turn a paper mountain into evidence.
- Strathclyde Police reduce costs of investigations.
- Instant Witness Citations.
- S/O Crime units use APRP.
- STOP PRESS
- **FREE** evaluations of the software PowerRetrieve.

Every criminal investigation handles large volumes of paper documents in order to find that all important piece of incriminating evidence.

This, as you are aware takes a huge amount of valuable time and resources with little or no guarantee that you will ever find what you are looking for.

Due to this a number of UK Police Forces have turned to a powerful investigation tool known as **PowerRetrieve** as it dramatically reduces the time it takes to search and find critical evidence, thus enabling cases to be brought to trial quicker.

### The reasons?

1. The automatic indexing of every character, on every page, of every document scanned into the system in a matter of just a few minutes
2. A unique pattern search technology that enables many hundreds of thousands of documents to be searched in seconds with unparalleled error tolerance ensuring that all the relevant evidence is found no matter what the source.

### Thus resulting in:

a/ Shorter lead times to begin interrogation of documents

b/ Greater ability to find that incriminating evidence deep within uplifted paper based documentation.

c/ Greater ability and ease to establish links between documents that are relevant to the case.

d/ The ability to rapidly find and present the relevant documents/pages necessary for disclosure purposes.

**PowerRetrieve** has a unique technology called APRP (Adaptive Pattern Recognition Processing) It is able to index at a speed of 6000 A4 pages per minute, indexing every individual character both Alpha and Numeric. This provides the investigators with the ability to interrogate the entire contents of every file in seconds even if they are not sure exactly what they are looking for in order to find that all important incriminating evidence.

**PowerRetrieve** provides unparalleled levels of error tolerance enabling it to find that proverbial "Needle in a Haystack"

**PowerRetrieve** will search most electronic files such as Microsoft Office files as well as the OCR'ed text files from a scanned image

and is able to overcome OCR errors and inaccurate search queries.

**PowerRetrieve** is capable of searching through hundreds of thousands of paper based files in a matter of seconds.

Now, no matter what mix of formats the evidence comes in - be that paper based files or electronic computer files - all can be auto-indexed into a PowerRetrieve system and interrogated in seconds via a simple to use computer user interface.

**PowerRetrieve** is already in use in a number of major criminal investigations and inquiry's throughout the UK.

### Applications Include:

- Financial Crime
- Fraud
- Public Protection
- Crown Office
- Serious & Organised Crime
- Force Intelligence

**Inside are articles explaining how different Police forces and other crime fighting agencies are using PowerRetrieve to speed up investigations and reduce costs while fighting crime as well as using its unique indexing and search capability in many administrative tasks.**

## PowerRetrieve helping solve Carousel VAT Fraud Case



Excerpt from: The Journal of the Law Society of Scotland

*News, 16 August 2006*

“A total of 60 business and home addresses in Glasgow, Greater Manchester and the London area were searched in an operation involving some 400 officers from HM Revenue and Customs (HMRC) and 100 Police Officers.

Early-morning raids led to 22 people being arrested across the UK, 15 of them in Glasgow.

Known as missing trader intra-community (MTIC) VAT fraud, it is a very lucrative form of crime and has been estimated to

have cost the UK exchequer between £1.1 billion and £1.9 billion in 2005 alone”

### So why **PowerRetrieve**?

Due to its ability to auto-index



the entire contents of scanned paper document at a speed of 6000 A4 pages per minute the contents of some 5,000 evidence bags, a total of 710,000 pages of uplifted documents

from suspect businesses have been scanned and indexed providing the investigation officers with a fully searchable repository.

Unlike any other Document or Content Management software the unique technology embedded within **PowerRetrieve** provides an unparalleled ability to interrogate hundreds of thousands of paper based documents in seconds, at the same time creating an intelligent hit list. The hit list ranks each document informing the investigating officer what and where it has found full or partial matches thus ensuring that all potential evidence is found no matter how tenuous the link back to the original search. It has been estimated that this case could be brought to trial over a year earlier than searching through the physical paper files.

**PowerRetrieve** provides very significant savings over original methods of investigating when large volumes of paper files are involved.



**A Case brought to trial some 18 months sooner due to **PowerRetrieve** Produces significant savings**

## Strathclyde Police use **PowerRetrieve** to reduce costs

This is a common sight for many modern Financial crime investigations, large quantities of paper files to sift through.



In two such cases currently being investigated by the

Strathclyde Police Fraud Squad they are using **PowerRetrieve** which is greatly speeding up the investigation and reducing costs.

There are 5,200 uplifted paper files in one case to sift through and if they were to search the files manually it would take 260 hours every time they carried out a search.

The same search using their **PowerRetrieve** system takes approx. 30 seconds. Therefore they are making significant cost savings.

They have calculated that each search would cost them in man hours alone between £2,000 and £4,000 depending on the rank of the officers carrying out the search.

Due to the speed of the search within **PowerRetrieve** you are able to reduce the time spent on non productive searches and increase the amount of positive hits finding that all important incriminating piece of evidence.

**PowerRetrieve** reduces costs of criminal investigations.

## Crown Office & Procurator Fiscal Service gain real benefits using *PowerRetrieve*

The Crown Office & Procurator Fiscal service (COPFS) found the unique search capabilities of **PowerRetrieve** to be of benefit



to the case preparation team and the Advocate Depute preparing

to present the evidence during a high profile trial in Scotland recently. The case involved hundreds of documents of a complex and technical nature with hundreds of pages per file.

Due to the strength of evidence provided guilty pleas were tendered and so the case did not proceed to trial.

However due to circumstances surrounding the events, the case became the subject of a Public Inquiry by HSE who again used **PowerRetrieve**.

**Accessing witness citations.** **PowerRetrieve** has become the

central repository for the Procurator Fiscal Service to provide access to all witness citations for presentation in the 49 courts throughout Scotland. A total of 100 **PowerRetrieve** search licenses were installed.

This application may not be front line in terms of criminal investigations but never the less it is producing a massive saving in court time and procedures when it comes to a judge requesting sight of a witness citation. No longer is the court adjourned for several days while a clerk is sent to retrieve the paper copy as an electronic version can now be retrieved in a matter of minutes.

**PowerRetrieve**  
Finding the answers to the many varied questions raised by serving and retired officers.



*Representing the interests of 139,000 Constables, Sergeants, Inspectors and Chief Inspectors*

**Over 35 Police Federations throughout the UK are now using **PowerRetrieve** to manage their members paper files.**

As well as scanning in the many different types of documents they have to store for the Federation members, they are using **PowerRetrieve's** unique

retrieval capabilities to search through thousands of Home Office circulars and other reference documents. This is providing Federation members with answers to the many varied questions on the constantly changing rules and procedures affecting the everyday lives of thousands of serving and retired officers. **PowerRetrieve** is not

only able to provide rapid answers but has also reduced the storage space required to store all these paper files.

Now the paper files have been scanned they now have full electronic disaster recovery for the paper files as well as the electronic files in case of fire or flood.

## Lancashire Police Force Implement *PowerRetrieve*

Lancashire Police Serious and Organised Crime unit is working closely with HMRC on a major counterfeit and money laundering case.

They have chosen the unique capabilities of **PowerRetrieve** to investigate the vast amount of uplifted paper files.

The estimated volume of paper files that have been seized during the Police enquires has

reached in excess of half a million pages.

It has been decided that this will be a joint investigation with officers from both the Serious and Organised crime unit and HMRC.

The whole team will be housed in one central building with a clean independent network of PC's running the **PowerRetrieve** software for the investigation.

The paper files will be taken in bulk by a specialist document scanning company. Once the documents have been scanned and tagged they will be electronically sent to InfoCAP Technologies where the process of OCR'ing and indexing the full content of every page will take place.

**PowerRetrieve enables different officers to search the same bulk material simultaneously.**

InfoCAP Technologies

Technology House  
Coped Hall Business Park  
Wootton Bassett  
Wiltshire SN4 8DP

Phone: 0845 1305170  
Fax: 0845 1305171  
Email: info@infocap.co.uk



'Developer &  
Integrator of  
Information  
Capture & Retrieval  
Technologies'

Like to know more about  
InfoCAP Technologies  
www.infocap.co.uk

## STOP PRESS

### FREE evaluation copy of PowerRetrieve.....

A 30 day evaluation copy can be made available so you can run an in-house trial.

The evaluation copy will run on a standalone PC with a minimum specification as follows:

P4/1.8 GHz with 512Mb of RAM (1Gb if Vista) 400Mb free disk space for application software, running one of the following Windows Operating systems XP Pro/ Vista Business

If you would like to run an evaluation simply return the request form below.


### PowerRetrieve LITE -

A standalone version of this unique software, supplied and installed along with full user training and the first years support contract for as little as £86\* per month.

A number of forces have gone down this route to run a proof of concept to build a business case with full cost justification before applying for sufficient funds for them to implement an operational system.

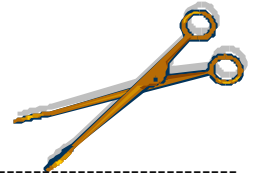
If you would like more details please contact us on  
Tel: 0845 1305170

\*Based on a five year lease



**Upgrade from LITE to a network solution any time in the future and receive 100% of the purchase price off the upgrade**

Copyright © 2009 InfoCAP Technologies Ltd. All rights reserved.



## Information Request Service

Tick the box next to the Subject matter you would like further information on.

- |   |                           |
|---|---------------------------|
| <input type="checkbox"/> I would like details on PowerRetrieve                      | <u>Contact Details</u>    |
| <input type="checkbox"/> I would like to have a demonstration of PowerRetrieve.     | Name: _____               |
| <input type="checkbox"/> Please provide contacts of Police PowerRetrieve Users      | Force/Organisation: _____ |
| <input type="checkbox"/> Please provide contacts of HMRC PowerRetrieve Users.       | Telephone: _____          |
| <input type="checkbox"/> I am interested in running an evaluation of PowerRetrieve. | email: _____              |

If you would like information on any of the topics above tick the appropriate box and send this form to InfoCAP on Fax: 0845 1305171 or email [davidd@infocap.co.uk](mailto:davidd@infocap.co.uk)

InfoCAP Technologies

Volume 1. Issue 1  
January 2009