Nottinghamshire Police and Crime Commissioner
Notice of Decision

Nottinghamshire
POLICE & CRIME COMMISSIONER

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For Decision or Information	Decision
Date received*:	3rd October 2013
Ref*:	2013.024

*to be inserted by Office of PCC

TITLE: EMSOU-Forensic Services - Image Management Solution

EXECUTIVE SUMMARY:
A business case for the establishment of an image management system for the effective capture, transfer, storage and retrieval of forensic images has been approved by the Nottinghamshire Chief Officer Team.

There are a number of benefits, including

- Significant time savings and efficiencies in moving images from one place to another, enabling immediate access for evidential, investigative and case management purposes.
- A valuable contribution to the delivery of digital case files, court presentations and speedier justice processes.
- Cost savings due to the removal of the need for CDs and memory sticks when transporting images across forces and departments; approximately £20k.

More detail can be found in the attached business case.

INFORMATION IN SUPPORT OF DECISION: (e.g report or business case)

Please see attached the business case for the procurement and delivery of an Image Management System operation by EMSOU-Forensic Services and use across Nottinghamshire, Derbyshire and Lincolnshire force areas.

Is any of the supporting information classified as non public or confidential information?**	Yes		No	X
If yes, please state under which category number from the guidance**:				

DECISION:
To approve the business case for the image management system and addition of the capital spend of £150k to the 13/14 Capital Programme.

DECLARATION:
I confirm that I do not have any disclosable pecuniary interests in this decision and I take the decision in compliance with the Code of Conduct for the Nottinghamshire Office of the Police and Crime Commissioner. Any interests are indicated below:

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The above request has my approval.

Signature:
Nottinghamshire Police and Crime Commissioner

Date: 15/10/13

OFFICER APPROVAL

I have been consulted about the proposal and confirm that the appropriate advice has been taken into account in the preparation of this report. I am satisfied that this is an appropriate request to be submitted to the Police and Crime Commissioner.

Signature: Ken Jenne
Chief Executive

Date: 10th October 2013.

** See guidance on non public information and confidential information.

East Midlands Special Operations Unit

Forensic Services
Derbyshire, Lincolnshire & Nottinghamshire

EMSOU- Forensic Services
Business Case for Image Management Solution

Decision Required
For Nottinghamshire Police Chief Officer Team to consider approval of capital spend of £150k to procure an image management solution for use across the EMSOU-FS collaboration.

Background
EMSOU-FS provides forensic services to Nottinghamshire, Lincolnshire and Derbyshire Police forces. The collaborative element delivers fingerprint services from Nottinghamshire Police HQ and other specialised and laboratory services from Derbyshire HQ; these 2 elements are known as the Identification Bureau and FASTeam respectively.

The on-going resource budget requirements are provided through an agreed 3 force funding formula and significant set-up costs have already been provided through the EMSOU regional asset budget, which is contributed to by all 5 forces in the East Midlands.

An essential requirement of the collaboration was the delivery of a unified case management facility across the 3 forces. Derbyshire and Lincolnshire had versions of the same system (Socrates) and Nottinghamshire had no system in place.

Nottinghamshire had previously set aside £500k of contingency capital funding in recognition of the fact that a case management solution would need to be procured and they had not previously invested in this area. This spend was not required to deliver the regional solution as negotiations between the supplier of Socrates, Derbyshire procurement and the regional team successfully delivered a cost effective solution building on previous investment from Derbyshire and Lincolnshire (approx £300k combined); this was funded by the regional set-up budget.

There is now an outstanding legacy set-up requirement to provide an image management solution across the 3 forces to ensure that the capture, transfer, storage and retrieval of forensic images can be dealt with effectively (Appendix A). It is anticipated that the solution will fully integrate with the Socrates Case Management System and will therefore be an extension of its functionality.

Costs & asset investment
It is estimated that the delivery of a fully functional solution that covers each of the collaborating forces amounts to £150k. The cost is capital investment only and is split between software licensing and hardware servers. As per the Section 23 agreement, any assets will revert to being the property of the originating/ funding force. The on-going support for the solution would be funded from within EMSOU-FS budgets through savings realised from the removal of the need to print and produce CDs in many circumstances.
The final solution will be decided upon in conjunction with procurement and will weigh up costs and delivery against specification. Consideration will also be given to ensuring that the solution is scalable **and** future proofed.

The following table demonstrates the initial investment by each of the 3 forces through assets brought together in the EMSOU-FS collaboration:

	Equipment & Licensing	% contribution
Derbys	615100	64%
Lincs	168100	17%
Notts	181433	19%

The estimated valuations are based on the original purchase price and not the current value of the assets after depreciation; the detailed lists are contained in appendix B. Had these assets not been made available they would have had to be purchased at similar cost to enable the collaborative forensic service to function.

If Nottinghamshire were to invest £150k to deliver the image management solution this would represent the following respective investments into EMSOU-FS:

	Equipment & Licensing	% contribution
Derbys	615100	55%
Lincs	168100	15%
Notts	331433	30%

Benefits

There are a number of benefits, including

- Significant time savings and efficiencies in moving images from one place to another, enabling immediate access for evidential, investigative and case management purposes.
- A valuable contribution to the delivery of digital casefiles, court presentations and speedier justice processes.
- Cost savings due to the removal of the need for CDs and memory sticks when transporting images across forces and departments; this is estimated to be £20k and will more than offset the cost of on-going maintenance and support for the solution.

The solution aims to provide immediate view only access to officers and for processing within EMSOU-FS. However, it is anticipated that the solution will be scalable for other areas within the East Midlands that require image management in the future. Notts Police would be the asset owner and could capitalise on this in the short term to extend to other areas requiring an image management solution, such as CCTV.

Conclusion

- There are significant benefits to the 3 forces involved in the EMSOU-FS collaboration in the delivery of an image management solution.
- The solution relies upon delivery through the EMRN and will be scalable for use in other areas requiring image management. This could include additional efficiency and cashable savings to Notts Police.
- The 3 forces have already contributed significant capital assets to the delivery of EMSOU-FS. The £150k capital investment requested from Nottinghamshire Police, through this business case, is more than offset by the asset contribution from the other 2 forces.

Appendix A

What is image management?

The capture and transfer of images is essential within the forensic operating model; they are largely made up of general crime scene and close up fingerprint and footwear evidence images. In order to deliver an efficient process the images need to be transmitted to their destination as quickly as possible and, in the case of evidential images or those required for interviews or immediate investigative purposes, in real time.

Current systems within the 3 forces rely on, at best, locally saving images to a server with minimal printing, to physical transportation of CDs to HQ destinations for subsequent use and printing. When operating as 3 force collaboration none of these options offers an efficient way of working, in fact IT obstacles prohibits efficient working in this way, and introduces significant delays.

The introduction of a software and server solution that can operate over the East Midlands Regional Network presents the opportunity to overcome these inefficiencies and save time and money in the capture and delivery of images across the forensic operating model, and subsequently into the CJS.

Appendix B

Nottinghamshire			**Derbyshire**			**Lincolnshire**	
Item	Value		Item	Value		Item	Value
DCS4	40000		Superfume	28600		DCS4	40000
MVC5000	18000		ESDA2	7200		MVC5000	18000
Humidity Oven	6000		VSC4+	15100		Humidity Oven	6000
3 x Crimelite 80S	5333		2 x drying cabinets	15000		set of 6 small Crimelites	3000
2 x small Crimelites	1000		2 x fume cupboards	16000		Superfume	28600
Footwear Crimelite	1500		MVC5000	18000		ESDA	3000
Crimelite ML	5500		Dye tank	3000		Fume cupboard	8000
Superfume	28600		Water Purifier	3500		2 x drying Cabinets	10000
Fume cupboard	8000		Balance	1500		Balance	1500
Balance	2500		1 x drying oven	1500		Socrates licences	50000
ESDA (broken)	0		Humidity Oven	6000			
Konica Print Station	65000		6 x Crimelite 80S	10700		**Lincs Total**	**168100**
			Crime Lite ML	5500			
Notts Total	**181433**		Footwear Crimelite	1500			
			2 x Crimelite 2.	1000			
			DCS4	40000			
			Nikon D300 camera	2000			
			Nikon D700 camera	1500			

			Scene Van	20000			
			Fuji Print Station	125000			
			GL Scanner	30000			
			Down draught benching	2500			
			Black and White Processor (may not keep)	5000			
			Digital Stitching and ECP equipment	5000			
			Socrates licences	250000			
			Derbys Total	**615100**			