


**POLICE AND CRIME COMMISSIONER (PCC) FOR LINCOLNSHIRE
REQUEST FOR DECISION**

**REF: 18 / 2016
DATE: 13 SEPTEMBER 2016**

SUBJECT Regional Data Quality Team	
REPORT BY	Richard Burge Information Manager
CONTACT OFFICER	01522-947100
EXECUTIVE SUMMARY AND PURPOSE OF REPORT	
<p>This report outlines the addition of Derbyshire to the regional Data Quality team collaboration as approved at the East Midlands Police and Crime Commissioners Board on Wednesday 29th June 2016. The collaboration seeking to resolve the Data Quality issues that all forces previously experienced in their crime, intelligence, case and custody systems as we move forward with the regional NICHE solution. The introduction of the regional NICHE system not only multiplies the issues around data quality, but also brings together information from the five forces and their previous disparate systems, with the potential for information about any individual, vehicle or address to have been held separately by one or more forces. In order to produce one defined and easily researchable system the information from all five forces needs to be matched and any potential data quality issues reduced to a minimum. To achieve this we need a dedicated regional team that can resolve issues across all forces to ensure the data contained within the new regional system is of the highest quality.</p> <p>The original proposal created a dedicated regional data quality team for the original four forces who utilize Lincolnshire's current data matching tool, which not only identifies duplicates, but using fuzzy logic, information that is either inaccurately provided or entered into the system. This collaboration now includes Derbyshire, with the team based in Lincolnshire, looking at such issues on a daily basis providing a resilient team that can adapt to higher volumes in any one force, whilst having an overall picture of all forces information.</p>	
RECOMMENDATION	<i>That the addition of Derbyshire to the regional data quality collaboration be supported.</i>

POLICE AND CRIME COMMISSIONER FOR LINCOLNSHIRE	
I hereby approve the recommendation above, having considered the content of this report.	
Signature: 	Date: 13/9/16

- A. NON-CONFIDENTIAL FACTS AND ADVICE TO THE PCC**
- A1. INTRODUCTION AND BACKGROUND**

1. The data held by all forces nationally is widely recognized as having issues around its

quality, primarily due to the variety of systems used to hold information and the complexity of that information, not to mention the fact that criminals will often use variations on their names, dates of birth and addresses to avoid detection. The information held within the systems managed by the East Midlands forces is no exception to this. The introduction of the regional NICHE system provides the opportunity to share crime and intelligence data across the four regional forces, providing real operational benefits, but only if data is accurate and up-to-date and this means dealing with these data quality issues in an efficient manner.

2. The proposal is to approve the addition of Derbyshire to the dedicated regional data quality team, which would utilize Lincolnshire's current data matching tool, which not only identifies duplicates, but using fuzzy logic, information that is either inaccurately provided or entered into the system. The team based in Lincolnshire, would look at such issues on a daily basis providing a resilient team that can adapt to higher volumes in any one force, whilst having an overall picture of all forces information, including cross border criminals whose information will be entered into the system by more than one force. Whilst there are no actual financial savings in the proposed solution, there will be substantial savings on officers and staff time. The acceptance of this proposal will enable staff to research the system knowing that only one individual entity exists, as opposed to the current situation across all forces where information about an individual, vehicle or address can be duplicated several times.
3. This proposal will support the desire to have an accurate and effective regional NICHE system that will provide the right information via one accurate and conclusive search. This will allow informed operational decisions and timely risk assessments that ensure the public are adequately protected. Without this proposal staff would be required to spend a considerably longer time to ensure either nominal, vehicle or address records were not duplicated within the regional NICHE system or that there were not similar records, that whilst containing slightly different details are nevertheless the same person, vehicle or address. This improved research capability and saving in research time will provide regional officers with the ability to be more aware of the potential risk a nominal may represent and respond appropriately to ensure the public of the East Midlands are fully protected. It is therefore proposed that Lincolnshire accept the addition of Derbyshire to the collaboration, contributing 12.9% to the budget with the level of future contributions reviewed annually by the Regional Data Quality Management Board.

A2. LINKS TO POLICE AND CRIME PLAN AND PCC'S STRATEGIES/PRIORITIES

The Lincolnshire Police and Crime Commissioner (PCC) has clearly outlined his requirement for officers to be visible and available, something I am sure is shared by his regional counterparts. This business case will support this by providing an accurate and effective NICHE system that will provide the right information via one accurate and conclusive search.

It will allow informed operational decisions and timely risk assessments that ensure the public are adequately protected. This improved research capability and saving in research time will provide regional officers with the ability to be more aware of the potential risk a nominal may represent and augment visibility on the streets of each regional force, offering increased reassurance to the communities that align with our strategic aims:

- Reducing Crime
- A fair deal for the people of Lincolnshire
- Police and services that are there when you need them

B. FINANCIAL CONSIDERATIONS

The initial four force collaboration identified an initial contribution of 16.5% to the budget with the level of future contributions reviewed annually by the Regional Data Quality Management Board. This equated as follows :-

	Total cost £	Lincs 16.5%	Leics 20.4%	Notts 35.1%	Northants 19%
Staffing	143,352	23,653	42,145	50,316	27,236
Training	3,700	610	1,087	1,298	705
Version 4 Clearcore	29,200	4,819	8,585	10,250	5,548
Grand Total for YR1	176,252	29,082	51,817	61,864	33,489

The addition of Derbyshire has reduced that contribution to 12.9%, again to be reviewed annually by the Regional Data Quality Management Board. This equates as follows:-

Agreed Force Split	12.9%	23%	27.6%	14.7%	21.8%
Force	LINCS	LEICS	NOTTS	NHANTS	DERBY
Cost	£26,741	£47,677	£57,212	£30,472	£45,189

C. LEGAL AND HUMAN RIGHTS CONSIDERATIONS

[This should include the legal powers the PCC has for making the decision]

Joining the collaboration will require the Commissioner and Chief Constable to enter into a Collaboration Agreement made pursuant to Section 22 of the Police Act 1996. The amended Section 22 agreement to include Derbyshire is also attached for approval.

D. PERSONNEL AND EQUALITIES ISSUES

All members of the RDQ Team will be employed by the Lincolnshire Police who will be responsible for the initial payment of all salary costs which will be proportionately reimbursed by the Parties in accordance with the apportionment ratios set out in the Funding Principles.

E. REVIEW ARRANGEMENTS

The Collaboration can be reviewed on an annual basis, or as determined by the Police and Crime Commissioners or Chief Constables.

F. RISK MANAGEMENT

Risk management is undertaken in accordance with the terms of the collaboration through the Regional Data Quality Management Board.

G. PUBLIC ACCESS TO INFORMATION

Information in this form along with any supporting material is subject to the Freedom of Information Act 2000 and other legislation. Part 1 of this form will be made available on the PCC's website within one working day of approval. However, if release by that date would compromise the implementation of the decision being approved, publication may be deferred. An explanation for any deferment must be provided below, together with a date for publication.

Is the publication of this form to be deferred? No

If Yes, for what reason:

Until what date:

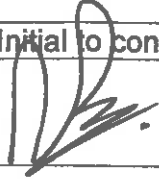

Any facts/advice/recommendations that should not be made automatically available on request should not be included in Part 1 but instead on the separate part 2 form.

Is there a part 2 form? Yes

If Yes, for what reason:

The establishment of a Regional Data Quality Team is subject to a Collaboration Agreement pursuant to Section 22A of the Police Act 1996 as amended by the Police Reform and Social Responsibility Act 2011 (PRSRA).

ORIGINATING OFFICER DECLARATION

	Initial to confirm
Originating Officer: [Insert name] recommends this proposal for the reasons outlined above.	
Financial advice: The PCC's Chief Finance Officer has been consulted on this	

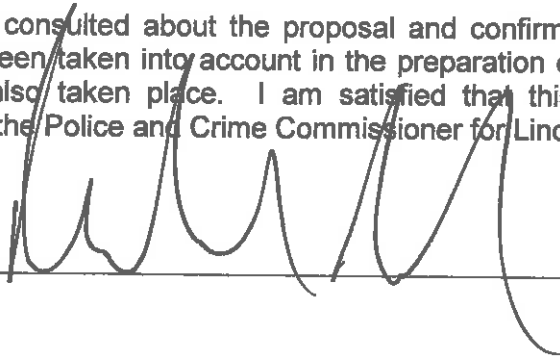
proposal. The CC's Chief Finance Officer has been consulted on this proposal.	AF
Monitoring Officer: The PCC's Monitoring Officer has been consulted on this proposal	WJ
Chief Constable: The Chief Constable has been consulted on this proposal	NK

OFFICER APPROVAL

Chief Executive

I have been consulted about the proposal and confirm that financial, legal and equalities advice has been taken into account in the preparation of this report. Consultation outlined above has also taken place. I am satisfied that this is an appropriate request to be submitted to the Police and Crime Commissioner for Lincolnshire.

Signature:



Date:

8/2/16