

## Derbyshire Constabulary Case Study

### REDUCING CRIME AND FEAR OF CRIME

#### SAS Helps Reduce Crime

Police Constables working in a shift system require up-to-date information on the activities in their beat for the previous 24 hours and past 21 days. SAS Software is used to access crime data from a variety of sources and present them in a series of reports available through the forces Intranet. A Police Constable can use Internet Explorer to view activity reports held as web pages. The site allows constables to select the Police Division in the Constabulary, followed by their Section and then the Beat of their choice, for differing time periods. Constables find this an invaluable source of information and use it to maintain an up-to-date awareness of crime, enabling increased and enhanced communication between members of the public and the police force. SAS Software is also used to provide consolidated statistical reports to the Home Office and Force Management.

#### Benefits of SAS

The process of collecting data from over 600 separate data sources is eased by the ability of SAS software to access data from any file or software application. Data are collected and then cleaned to ensure validity and accuracy. SAS is used to normalise the data and create the required storage files. SAS software has been able to cope the complex reporting requirements of the Home Office, meeting all their expectations and producing all desired reports. Force Management have also seen major benefits of using SAS software. New reports have been created detailing information that was not previously available. Other reports that took a major amount of resources in the past can now be produced in a matter of minutes. Crime Analysts have begun to use SAS software to look for patterns in their crime data. Underlying relationships have been identified which help confirm initial suspicions about the type of crime, their geographic location and the time involved.

#### A Working Relationship

Amadeus Software has been supplying SAS consultancy to Derbyshire Constabulary programmers. We have helped maintain project schedules and aided the production of many complex report types. Amadeus Software has been instrumental in helping the Constabulary fast track in their SAS development.

One of the force programmers stated **"I can't believe the speed at which we've progressed since you have been helping us, we were just struggling in the dark before"**.

**ABOUT AMADEUS** – The SAS Specialists Amadeus Software Limited, formed in 1989, provides Business Intelligence Solutions. We are a SAS9 Preferred Implementation Partner for delivery of SAS projects across all industries. We have earned our outstanding reputation by providing first-class solutions, unrivalled technical support and clear, practical training. We achieve this by remaining at the forefront of Business Intelligence technology and providing solutions that meet customer objectives. Our Project Management is structured to provide pragmatic quality assurance ensuring successful delivery.

