



# ARC Product Guide

The Analytics for Reduction of Crime (ARC) system is our strategic analytics suite. Comprehensive, intuitive and quick to learn, it encourages exploration and discovery. Outputs are clear, accessible and actionable, supporting decision-makers to act at pace.

Each module is designed to maximise impact and works as an integrated system so whether choosing a single module to boost analytical capability or the full suite, you can be assured of a powerful problem solving tool that maximises productivity and helps to prevent the next crime.

ARC has proved particularly successful for PCCs and delivering strategic outputs for national policy makers, and is a low-cost, accessible, and proven analytics product.

## ARC Crime Manager

Detailed and comprehensive problem profiles and strategic needs assessments produced on demand. Use an extensive set of curated, state of the art data science tools covering the who, what, when, where and how much of crime as well as automated and customisable demand analysis, accurate forecasts, locality analysis, crime pattern assessment and much more. Work at pace with even the largest data sets. Re-run analysis using customisable Playlists of your key insights to update reports and apply to different locations or crime types.

## ARC Offender Manager

Rapid identification, tracking and monitoring of prolific and high risk offenders. Remove duplication of effort and avoid offenders falling through gaps. Ensure full compliance with referrals and automate eligibility management. Rapidly and flexibly set up new screening criteria to manage emerging risks and threats.

## ARC Evaluate

Automated, high quality evaluations of impact and value for money. Test cost effectiveness and demand reductions routinely. Assess how interventions, strategies and plans impact on victims. Determine the full economic and social value of new approaches using recognised best practice evaluation approaches.

## National Data

Put the local picture in context. Explore a range of national data covering stop and search; schools performance, exclusions, free school meals and contextual information; road traffic accident details; demographics; national crime data and other topics.



## 4D Dashboard (in development)

Creation of bespoke, interactive dashboards that self-generate without coding or development. Whether it's a strategic needs assessment, performance reports for the PCC or a one-off operation, create multiple, fully customised dashboards at scale, either stand-alone or integrated into existing dashboards.

## Safety in Numbers (in development)

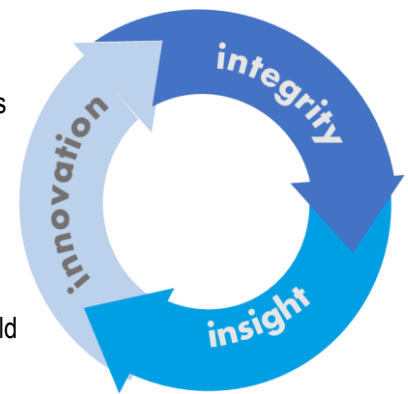
Partnership tool to provide suite of focused, actionable insights at locality level for Community Safety Partnerships, local authorities and other stakeholders working to reduce crime.

## About *i*-three analytics

We have been supplying policing with strategic analysis requirements for 15 years and have created ARC to support Police and Crime Commissioners and forces with advanced strategic analytics.

Just a few examples of our recent work include:

- Cheshire – delivery of ARC system, live since 2024
- Lancashire Police: Award winning, Home Office funded research on Child to Parent DA Offender characterisation
- ACE/ VIVACE: homicide characterisation analytics
- Kent Police: analysis for PCC VAWG strategy, sex offender analysis, Chief Constable innovation award for DA analysis
- Bedfordshire, Hertfordshire: Impact and VfM evaluation of DA intervention programmes
- GMCA – 10-year involvement, including sex offending analysis, DA, homicide, youth violence, serious violence analysis for force and Home Office policy development
- Kent/ Essex – simulation (digital twin) modelling of FCR operations.
- GMP/ Kent – simulation (digital twin) modelling of response policing
- Nottingham – working with partners to evaluate schools-based violence reduction interventions



Our values are rooted in our public sector background and inform everything we do, whether working with PCCs to develop strategy and policy, or creating insights and evaluations for productivity and value for money. We are fully JOSCAR and Cyber Essentials registered, vetted and our services can be readily accessed through numerous compliant frameworks, including Bloom (Nepro3), CCS Research and Insights, CCS Vertical Application Solutions (Bluelight).

## Contact us

Contact us to discuss how our innovative platform can support impactful, evidence-based decisions and for more details on each product.

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Collaboration

Special Commendation

