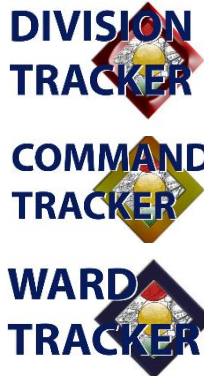# Violence Reduction BUSINESS INTELLIGENCE

Keeping People Safe by efficiently and effectively identifying opportunities to reduce Violence, Disorder and Antisocial Behaviour across Scotland.

- **"Big Data" analytics approach** serves Local Area Commanders, Force Flexible Policing Units, the Violence Reduction Task Force and Campaign Against Violence initiatives.

- **Business Intelligence** (BI) style toolkit enables the "end-user" to interrogate information in accordance with their business requirements.

- **Cost-Effective**, efficient production using Police Scotland's **Operational Management Information System**

DIVISION TRACKER
COMMAND TRACKER
WARD TRACKER

- **Dashboard tool** to monitor *emerging* Violence, Disorder and Antisocial Behaviour Trends.

- **Tracks levels of violent crime** and **offences**, as well as incidents of publicly reported **Disorder and Antisocial Behaviour**

- Presents **trending information** to avoid deploying into areas where issues are historic.

- Identifies **emerging threats** in areas that appear to be performing well.

- Identifies **measurable outcomes across multiple indicators** to facilitate identification of **good practice** for wider dissemination

- Identifies where community safety conditions have deteriorated across multiple indicators, allowing for early consideration of **intervention opportunities** and **tactical combinations**

DATAZONE TRACKER & Profiler

- **57 local Area Command neighbourhood profiling portals**, segmented at "Datazone" level to steer operational focus towards **small, natural neighbourhoods.**

- **All 6505 Datazones** across Scotland are **risk-assessed** on a **weekly basis**, according to **local** prevailing conditions and thresholds

- **Scottish Index of Multiple Deprivation** (SIMD) data included in the risk assessment to focus on **collective interests** and wider community planning requirements, thereby assisting with **partnership buy in**.

- **Smart filtering** enables **quick identification** of **patterns, trends, repeat loci** and **repeat complainer** information to point the user towards potential **causal mechanisms** while facilitating the creation of **directed patrol plans.**

- **Visual aids** (maps and charts) help bring the underlying data to life along with **direct access to original data sources** without leaving the product.

GRIDview

- **14 divisional products,** designed to improve the **targeting, effectiveness** and **transparency** of **stop and search tactics**.

- **Allows for retrospective scrutiny** by local Area Commands to determine if stop and search has been deployed **in the right place at the right time** to target **Violence, Disorder** and **Antisocial Behaviour** within the **local** area

- Squares can be **varied in size** to allow for more **refined levels of scrutiny** within high-volume areas**.**

- **Temporal analysis** presented in an **easy to read visual aid** for fast interpretation by the user**.**

- Potential to be adapted into an **interactive "live" web-based tool,** enabling the user to select the **timeframe** and **crime types** to interrogate.

- When **used in conjunction with other Business Intelligence Toolkit products**, it can provide information to allow consideration to be given to **re-aligning current deployments** .

RepeatCallers

- **National project** under development to **identify, manage** and **risk-assess** potential **vulnerable individuals** and **organisations**.

- **Data analysis** of Police Command and Control systems allows vulnerable entities to be identified.

- The information gathered assists with **designing strategies** to **protect vulnerable persons** and encourage organisations to **improve security** measures or **business practices.**

- **Early** identification of risk enables **signposting** to relevant **partner agencies** thereby **reducing demand** on Policing resources**.**

- **Soundex** and **"Golden Nominal"** concepts are being investigated to **reduce existing problems** caused by mistyping / withholding of details, multiple methods of communication and different addresses/loci which all **relate to the same single entity**.

ScOMIS