Business Intelligence Toolkit &
Associated Deployment Model

International Crime and Intelligence Analysis Conference
February 2016
Operational Resources

- Flexible Policing Units (Uniform)
- Community Improvement Partnership (Uniform)
- Violence Reduction Task Force (Plain Clothes)
- Divisional Alcohol and Violence Reduction Units (Uniform)
- Campaign Against Violence Officers (Uniform and Plain Clothes)
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 (ScOMIS)

DIVISION TRACKER

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

Tracks levels of violent crimes 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

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 assessments to focus on collective interests and wider community planning requirements, thereby assuaging with partnership buy in.

Smart filtering enables quick identification of patterns, trends, repeat loci and repeat complainant. 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.

COMMAND TRACKER

WARD TRACKER

& Profiler
Violence Prevention Deployment Model

1. Meeting between Division's SMT and APU to discuss the analysis of SCMS Reports, BID Trackers and Graphviz products in respect of trending priority wards. The re-constructed SMT may task APU to produce problem profiles.

2. Meeting between LVRD and the Local Policing Division to discuss APU products and agree on divisional support, MATAC process and exit strategy.

3. Please refer to OSD and/or SCD bidding and tasking processes.
Violence Prevention Deployment Model
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Violence Prevention Deployment Model

Bid from Local Policing Division

LVRD Process

- Bid Manager
- Resource Planner
- Deployment Assessment Report
- Deployment Assessment Meeting
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<th>COMMAND</th>
<th>DIVISION</th>
<th>AREA-COLUMN</th>
<th>WARD</th>
<th>USER NUMBER</th>
<th>BRIEFING Rank</th>
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Post Deployment Report

POST DEPLOYMENT REPORT

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<th>Division / Ward</th>
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<td>Deployment Period</td>
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<td>LVRD Resource</td>
<td>FFPU (West)</td>
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Emerging Issue/Problem

During Week 13 (w/c 22nd June 2015) Chief Inspector Simon Jeacocke requested assistance in Govan Ward ‘GA’ Sub Division from an LVRD resource (Bid: LVRD/0030) refers). This bid was subsequently given consideration and accepted at the Deployment Assessment meeting dated 01st July 2015.

FFPU (West) were identified as the most appropriate resource and it was agreed that their deployment would commence Week 16 (w/c 13th July 2015). Govan Ward would continue to be monitored throughout the deployment period utilising the BIT products.

The local policing division were notified accordingly.

In the interim Inspector Foglies of the FFPU(Y) arranged a meeting with the Local Area Commander (CH Insp Simon Jeacocke) & the Local Community Policing Inspector (Insp John Haynes) on 10th July 2015 with beats GA9 (Govan Cross) and GA13 (Sptm) being identified as areas requiring specific attention.

Area Profiles were produced by LVRD to assist in this process.
Violence Prevention Action Plan

Stage 1
Setting Objectives

Stage 2
Identify Relevant Action and Resources

Stage 3
Action Resources

Stage 4
Capture Activity and Monitor Impact

Stage 5
Evaluate Success and Identify Gaps

Supported By
Good Governance
Effective Communications
Appropriate Equality Considerations
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Scott.Hamilton3@Scotland.pnn.police.uk