Listpoint

David Mitton

Why share assets?

The challenge of Interoperability

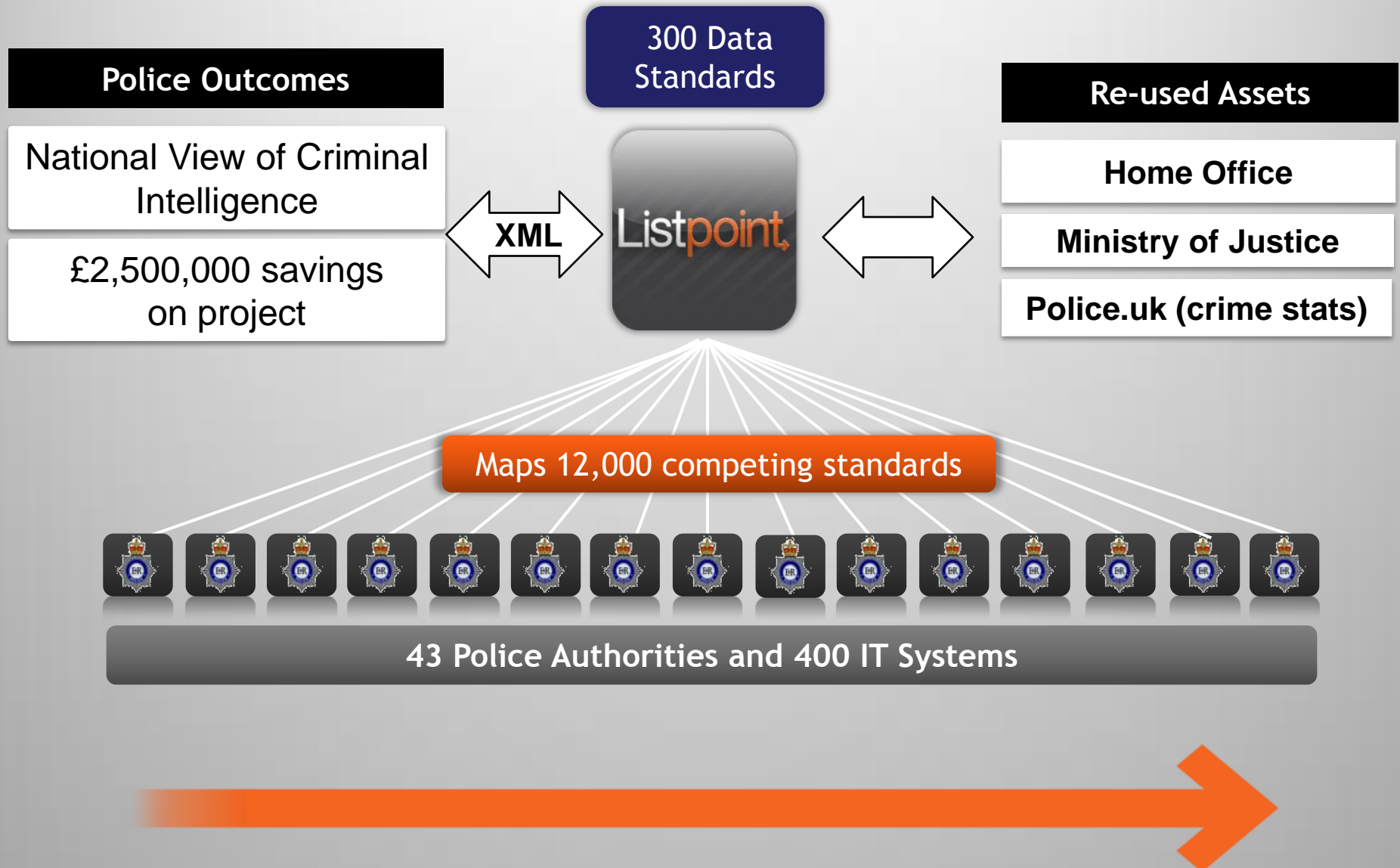*The solution is to manage diversity and do not try to impose uniformity all at once.*

Listpoint embraces all reference data standards and provides the means to map them together

History now tells us that standards can evolve through collaboration, better than through enforcement

Listpoint History (Justice)

Listpoint

300 Data Standards

Police Outcomes

National View of Criminal Intelligence

£2,500,000 savings on project

XML

Listpoint

Re-used Assets

Home Office

Ministry of Justice

Police.uk (crime stats)

Maps 12,000 competing standards

43 Police Authorities and 400 IT Systems
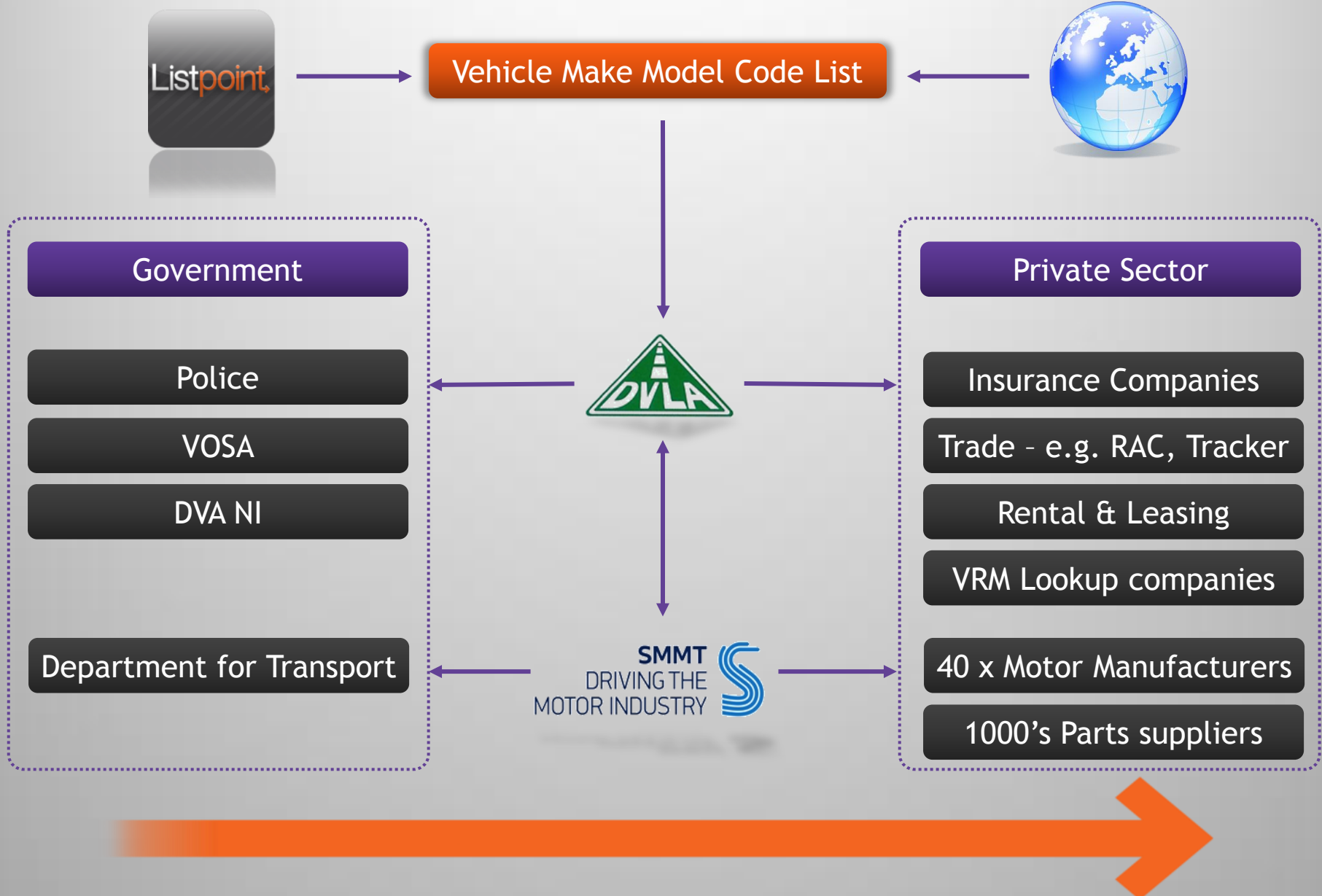
Listpoint features

- Code List maintenance
  - ➜ Browser-based editing/publishing and integrated validation rules
- Context management
  - ➜ Group relevant code lists together
  - ➜ Recognise in which 'context' a data standard is being used
- Context Mapping
  - ➜ Listpoint approach to semantic interoperability
  - ➜ Join competing standards together with auto mapping)
- Data Quality
  - ➜ Alerts (e-mail and web services) when standards are updated
- Translation
  - ➜ Output includes XML and SKOS – XML mappings used to translate data across multiple applications for efficient data integration

The reach of one data standard

Listpoint

Vehicle Make Model Code List

Government

| Police |
| VOSA |
| DVA NI |

Department for Transport

DVLA

SMMT DRIVING THE MOTOR INDUSTRY

Private Sector

| Insurance Companies |
| Trade – e.g. RAC, Tracker |
| Rental & Leasing |
| VRM Lookup companies |

| 40 x Motor Manufacturers |
| 1000's Parts suppliers |

ADMS delivery

- Selection Process
  - → Review of existing assets (4500) to determine value to Joinup
- Current process
  - → Generate script to populate ADMS file
  - → Manually upload file to Joinup to expose assets
  - → Update approx every 8 weeks
- Future process
  - → Review new assets
  - → Automate 'upload' when web services are made available

270 assets shared with Joinup Listpoint

- National
  - Firearms e.g. Licence Type, refusal reason
  - Organised Crime e.g. Motivation, transportation, nationality
- European Union
  - Environmental e.g. NUTS, Country, Pollutants, Waste Type
- International
  - Federal Supply Codes e.g. agriculture, construction, electrical
  - IATI data standards e.g. language, finance, currency
  - ISO Standards e.g. country, language, MIC
  - UNLOCODES
  - Classifications e.g. COFOG, SIC, NACE
- Specialist
  - UK Government Reference Architecture e.g. Technical
  - European Banking Administration e.g. COREP
  - SAP e.g. Transaction Codes