

**CAPABILITY  
OVERVIEW**

# PrediKt

*Police Resource and  
Demand Modelling*



# Developing sustainable resourcing models

In light of reducing budgets and with forces under pressure to cut costs and deploy resources more effectively it is important that they are confident that their resourcing models are sustainable and will allow them to deliver effective but efficient services that keep the public safe.

PrediKt, Sopra Steria's web-based Police Resource and Demand Modelling tool, allows forces to simulate potential changes to operational services to understand the impact of any proposed changes.

It enables them to examine predicted demands on service and understand how their operations will be impacted by, for example, reduced officer numbers, changing crime types and skills profiles. Through understanding demand, threat, risk and harm forces can allocate resources to areas of greatest priority.

PrediKt is flexible, intuitive and easy to use, allowing users to:

- View overall utilisation within the model for business functions.
- View or change model data and change variables based on a given scenario.
- Collaborate when designing models and share information across the force.

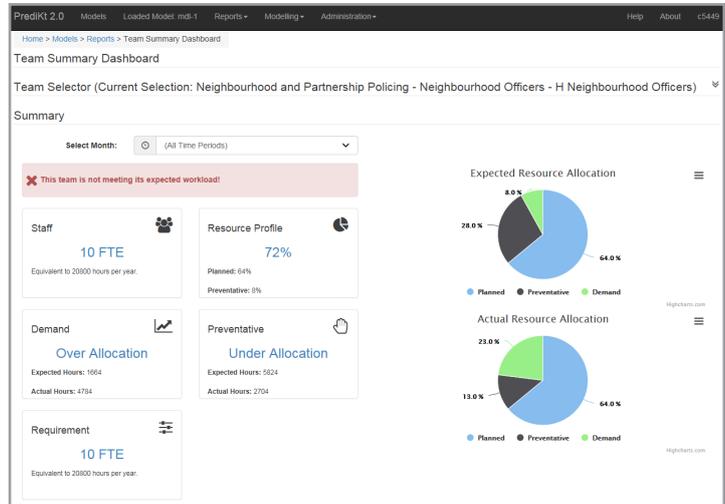
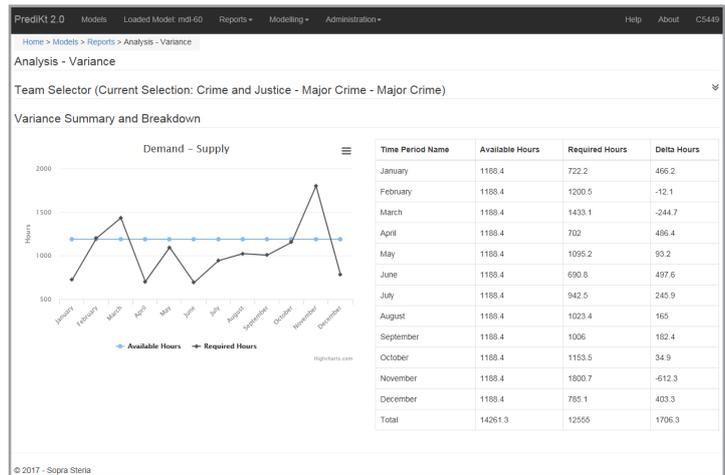
PrediKt is data driven and enables forces to examine the areas that are of key importance to them such as Neighbourhoods, Crime, Major Crime, Protecting Vulnerable People, Public Protection Unit, Incident Resolution Team, Incident Management Team and Force Control Room Call Takers. For all of the business areas, modellers create working scenarios to understand the impact of change.

Taking into account that modelling needs to be flexible, PrediKt has been designed to accommodate adjustments to parameters at a granular level. From the top level organisation overview, modellers are able to drill down into the detail and work with four key components:

- Demand, for example the number of crimes or incidents.
- Activity durations, such as how long to investigate a crime.
- Resource abstractions, including attending meetings.
- Number of Full Time Employees.

To support in depth analysis, all of these components can be pinpointed or altered. Modellers can also change quantities in absolute and percentage terms, as well as being able to refine the model to reflect various time periods.

Once a model has been created, the results are displayed in a straightforward graphical and tabular format. The impact of the changes can be easily identified via the traffic light rating system which uses green, amber and red icons to highlight performance against tolerances.





## Implementation

PrediKt is a browser based solution that works on desktops, laptops and tablets.

The tool is data driven and models can be populated with incident and resource data that has been extracted from existing force applications such as Command and Control, and Duty Management. To make this process easy, PrediKt includes a powerful import wizard that enables data to be quickly uploaded via CSV files.

The administration module within PrediKt makes user creation and management simple. Administrators assign access to models using the roles built into the system, ensuring that the appropriate rights are given to individual users.

To help forces achieve early results, Sopra Steria offers a standard implementation service to help forces get up and running quickly with their resources and demand modelling environment. This service includes training and activities to ensure maximum value is gained from the tool.

## Optional services

An optional Testing package is available. Should any additional services be required Sopra Steria will tailor a proposal to meet specific requirements.

## Support

Following implementation, Sopra Steria will provide an ongoing support and maintenance service. This service includes the installation of new features as they become available, thus ensuring that forces have a continually updated resource and demand modelling tool.

“ We’ve worked closely with Sopra Steria to develop a tool which will really assist in organisational planning and development and allow us to both measure the impact of demand on current resourcing and also predict the impact of changing demand and resource levels in the future. ”

**Brian Thomas, Assistant Chief Officer, Cleveland Police**

## About Sopra Steria

Sopra Steria, European leader in digital transformation, provides one of the most comprehensive portfolios of end to end service offerings in the market: Consulting, Systems Integration, Software Development and Business Process Services. Sopra Steria is trusted by leading private and public organisations to deliver successful transformation programmes that address their most complex and critical business challenges. Combining high quality and performance services, added-value and innovation, Sopra Steria enables its clients to make the best use of information technology.



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