

DYTASK

Intelligent Policing Platform

THE MODULAR WAY TO MANAGE POLICING



Service Definition

January 2026

Overview



Innaxys brings you an innovative and comprehensive modular solution to manage all high value physical assets and operational equipment.

Intelligent Policing Platform modules

Corporate GIS & Data Analytics

Demand Modeller

Patrol Planning, Tasking & Briefing

Together these modules enable police forces and other emergency services to:

- Analyse disparate data sources in a single solution to extract intelligence
- Accurately analyse, understand, and forecast demand.
- Produce intelligent workforce and resource plans with optimised patrol routes
- Dynamically task and brief officers through remote or mobile capability
- Report and monitor through business intelligence dashboards
- Locate resources and assets in three dimensions with 3D mapping

DyTASK© delivers a complete business and technical solution allowing police forces to use an evidence-based approach to manage risks, understand demand, and proactively dispatch officers to the places where they can make the most difference in the most proactive and efficient way.

DyTASK's foundation is a corporate Geographic Information System (GIS) that provides both traditional data analytics, predictive and dynamic analytics to support real time tasking and briefing of officers using location-based services and metrics-based targets to trigger the right information to be delivered to the right people, at the right time, and to the right place on a mobile device.

DyTASK comprises three principle packaged solutions to provide a modular approach to fit with differing client requirements.

Corporate Geographic Information System (GIS) & Data Analytics

A fully integrated Geographical Information System (GIS) providing a robust and secure platform to map and analyse data to inform investigations and community policing strategies. Designed for UK police force analysts with tools to manage many different data sheets for analytical processing, including a mobile application for mapping demand visualisation.

- Force-wide mapping system compliant with UK Ordnance Survey datasets.
- OpenGIS compliant, supporting worldwide mapping and comprehensive address searching.
- AddressBase Premium gazetteer data.
- Advanced analytics with KDE heatmaps, choropleth, dataclocks, aoristic analysis, geospatial analysis.
- Routing engine to analyse through route and isochrones calculations.
- Data mining tools to plug into external data sources.
- Python scripting engine for complex and advanced analytics

The Solution interfaces with or replaces existing analytical or command and control GIS systems. Integrates with external systems, e.g. Crime Intelligence/Record Management System (RMS).

Harness the power of business intelligence with the integrated reporting engine including scheduling facility and auto-fill. Create exhibits, reports and dynamic dashboards from internal and external data from interfaced third party systems. Add annotations and use data management tools to produce exportable and printable exhibits. Customisable printing including force identity, logos, scale and other copyrights.

An interface with your RMS is also possible to enable the analysis of data plus visual representation of case and person records – speeds up locating individuals, persons of interest and missing persons.

Demand Modeller – Predictive Analytics

Enables modelling of complex eco-systems to produce graphical representations of anticipated patrol demand for a defined period in time. Using concepts from criminology, it provides realistic, real-time predictions of risk to inform patrol management. Taking into account populations, sociodemographic, forecasted conditions and other available intelligence data, it supports targeted responses in real time.

- Interrogable, time-based results – what, where, and why.
- Map based representation of information, analysis, heatmaps and patrol plans.
- Model different policing responses and strategies to gauge the likely effect on activity and crime.
- Combine with the Patrol Planning, Tasking and Briefing Module to deliver a full resource management solution for non-emergency response.
- OpenAPIs to third-party systems.
- Integrates with force intelligence systems and command and control

Patrol Planning, Tasking & Briefing Management

Make the best use of resources and time, with dynamic optimised patrols and routing for officers. Using analysis and task management, create optimised routing to ensure officers are at the right place at the right time, to meet the expected demand.

Combine hotspots, visibility and prevention patrols with meeting the demands of routine and non-urgent tasks for the most efficient use of resources.

With the intuitive and fully integrated mobile app, field officers receive patrol tasks in line with their actual location, updated according to expected need, as well as emerging and evolving events and activities. The comprehensive patrol management desktop solution is provided to supervisors.

- Dynamic patrol and tasking optimisation to maximise use of resources.
- Live resource location, tasking, briefing and compliance displayed on dashboards.
- Interfaces with duty management and force systems to produce patrols.
- Live and historic reporting; real-time monitoring of patrols and compliance.
- Works in conjunction with force intelligence systems and command and control

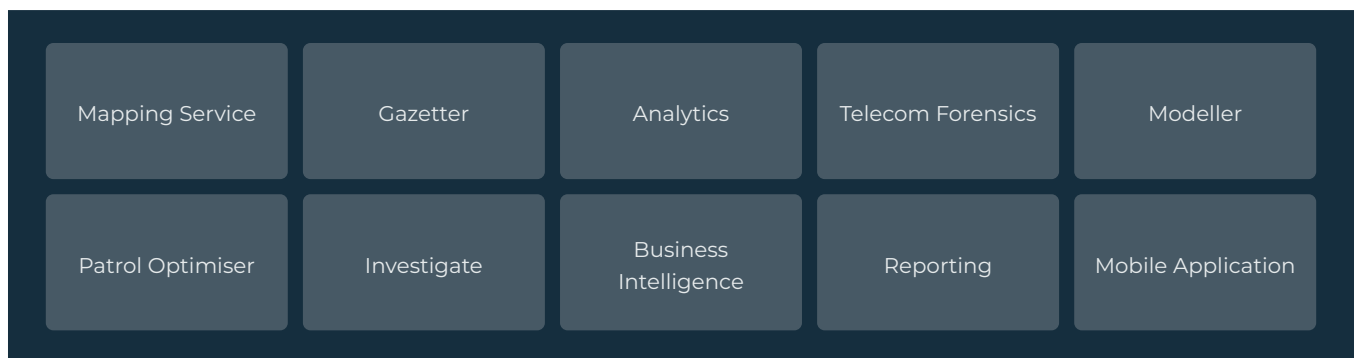
| DyTASK Intelligent Policing - full platform

DyTASK Intelligent Policing Platform combines the full suite of packaged solutions for a powerful platform to assist in the effective, holistic management of non-emergency policing.

From a GIS to an advanced analytical platform to provide information, analysis, modelling and projections to operational officers and senior decision makers, this is a full demand and resource management solution capable of dealing with operational policing in a single, cohesive system that makes full use of all data sources available to the modern police force.

| Additional components

Flexibility is core to the platform, therefore any of the individual components below can be added to any of the packaged modules, or combined together to deliver a specific, more tailored functionality. Ask us to find out more.



Onboarding & Service Provision

Innaxys provides comprehensive implementation services for all our cloud software systems. Depending on your organisation's individual requirements, our services include:

- Discovery & configuration workshops
- Hosting & technical configuration
- Data migration
- UAT support
- Training

All onboarding implementation activities are led by a dedicated, experienced project manager working in-house with our technical teams.

We work with major blue light and public sector clients including police forces, fire services, and UK government organisations, so we have a wealth of experience and understanding of implementing our digital solutions in these sectors.

Working with Innaxys, you will also benefit from:

- UK-based, ITIL-compliant technical and end user support following SLAs
- In-life contract management and support
- Our systems follow full roadmaps and release schedules, with new customer-led functionalities introduced twice annually



Secure by Design - Trusted by Many



Our company and services are entirely UK-based



Public/private cloud, hybrid, & on-premise deployment options available



UK data centres are PASF & ISO 27001 accredited



Certified to ISO/IEC 27001:2022 & Cyber Essentials Plus



Systems & data encrypted to industry standards



Secure, multi-factor authentication, system & audit logging, role-based access controls



Systems operate to Official Level



Police-vetted personnel

Our Vision



We bring innovation to policing and the public sector through solutions crafted from decades of industry experience

Founded in 2011, Innaxys creates and delivers cutting edge training and asset management software solutions to emergency services and public sector organisations both in the UK and Europe. We harness technology, innovation and forward thinking to design solutions that help our clients to evolve and meet the needs of modern practices, achieve greater efficiencies, minimise paperwork and duplication, improve productivity, and reduce wasted resources.

Each member of our carefully selected development team holds a science related degree, complemented by computer engineering expertise, experience and training. Our engineers are directly employed, and we work closely together from our offices in the heart of Derbyshire. This enables us collectively to bring a dynamic and accomplished approach to software development, driven by a firm focus on the client.

We believe that technology should be a vehicle to deliver better business processes, and that close communication and partnership with the customer is vital to provide them with the most effective solution.

We practice Agile project management methodology, involving our clients at every step of the journey, whether that be for simple configuration of existing Solutions to meet your ways of working, or a full development project to introduce new functionality. This ensures a collaborative approach to each and every project, builds an environment of trust and transparency, and results in exceptional value for money and positive change for all our clients.

Contact us today for a no-obligation demonstration

☎ +44 1773 765 350

✉ info@innaxys.com

📍 53 Wilmot Street, Heanor, Derbyshire, DE75 7EF, United Kingdom