

# Forth Valley Community Planning Partnerships

## OASIS – Online AntiSocial Information Sharing

### Introduction

Antisocial behaviour (ASB) is a high profile issue in today's society. Tackling ASB is not the responsibility of a single organisation. Council services, police and fire services are all making use of legislative powers (set out under the Antisocial Behaviour etc. (Scotland) Act 2004) to deal with it. As a result, information relating to ASB is often collected within different local systems making it difficult to get a clear picture of what is happening - and to coordinate a response.

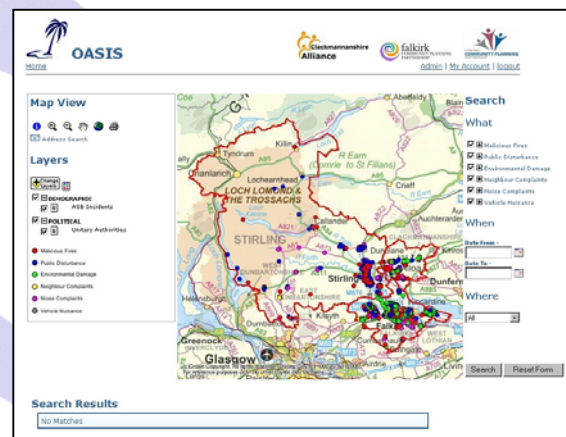
Recognising that effective management of ASB can only happen through a partnership approach; Clackmannanshire, Falkirk, and Stirling Community Planning Partnerships (CPPs) have worked together with Forth Valley GIS to develop OASIS – the Online AntiSocial Information Sharing system.

### Solution

OASIS is a GIS-based information management and sharing system, delivered using web technologies. It provides an overview of multi-agency ASB incidents from partner business systems. It provides four distinct areas of functionality:

**Incident Mapping.** A mapping application provides query, view, and print capabilities. OASIS addresses one of the biggest issues in this area (lack of common definitions) by providing a consistent, common classification for incidents. Diverse incident codes are translated into a common classification to enable consistent analysis. Details of the original incident source are retained to allow practitioners to query directly with colleagues in partner agencies for further

details on a particular incident. In addition to the simple query interface for OASIS users, ASB analysts also have direct access to the data repository via their more powerful desktop GIS applications.



**ASB Register.** The three lead authorities have a statutory duty to maintain a register of Antisocial Behaviour Orders (ASBOs). OASIS provides a consolidated, quality-assured and accessible version of these registers for access by partner agencies. It also provides information on other legal interventions such as Dispersal Orders.

**Information Sharing Protocol (ISP).** Prior to development of OASIS, a tri-partnership protocol for sharing detailed information on ASB had been developed. OASIS provides online forms that effectively encode the ISP and allow the information to be managed and exchanged in a secure environment with facilities for monitoring, auditing and reporting on this exchange.

**Document library.** A 'standard' mechanism for sharing documentation and analytical outputs between practitioners.

## Approach

OASIS is an extension of an existing regional Spatial Data Infrastructure (SDI) which provides shared corporate access to GIS within Clackmannanshire, Falkirk and Stirling Councils.

There are significant advantages to this approach:

- The SDI has a fully resourced data management regime that has been 'inherited' by the OASIS system.
- The extension of the SDI is consistent with a range of GI strategies at local, regional and national levels.
- The SDI had been developed using open standards, so it was possible to select any compliant technology rather than being constrained by the existing technologies used in the SDI. The open approach to development means that a number of the spatial components are reusable.

## Benefits

OASIS provides staff with a current and reliable resource to support a co-ordinated response to ASB across the area. OASIS is innovative in a number of ways and provides the following benefits:

### Information Quality

- Improvements to information management practices within all agencies that contribute data.
- Improvements to the consistency and quality of information available within partner agencies by working with data custodians to introduce data quality standards.
- Wherever possible, standardised data formats such as BS7666 (as used for the Councils Corporate Address Gazetteers) have been

promoted to improve data consistency and to facilitate exchange

- Improvements to the consistency, currency and quality of information available to all partners.
- Procedures have been established to ensure that data is updated on a weekly basis and that quality information is available via easily accessible metadata.
- The system addresses one of the key challenges facing collaborative working by providing a common classification for incident recording

### Joint Working

- Greater visibility and increased use of operational data between services and partner organisations.
- Improved co-ordination of partner agencies' activities based on access to common information resources.
- Increased opportunities for collaborative working due to reduction in the impact of organisation boundaries.
- Facilitation of a secure environment for information exchange.



### Service Quality

- Enhanced awareness of patterns of ASB between partner agencies. OASIS supports identification of geographic patterns and trends
- Improved access to consistent, current and reliable data for operational tasks such as patrol and enforcement.

- Supports evidence-led ASB decision-making and allocation of resources.
- Increased reliability of information used in strategic policy-making, policy monitoring and public communications.

**Finance / value for money**

- OASIS capitalises on the existing investment made in a tri-Council data infrastructure by extending this to benefit the wider Community Planning agenda. This has been possible because of the open standards and interoperability employed in the initial infrastructure.
- The system is highly extendible and is constantly being improved by the addition of new datasets, improvements to classifications or enhancements of available tools.
- The project will provide savings in the time, costs and duplicated effort currently expended by all partners in collecting, managing, analysing and reporting on ASB information.

*“OASIS is transforming how the police and partners in the Forth Valley deal with antisocial behaviour.*

*Having access to such a comprehensive picture of ASB in the area allows partners to work together and deploy our resources more efficiently.”*

– Superintendent Davie Flynn, Stirling Area Commander, Central Scotland Police

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<b>Project type:</b>	Intranet GIS, System Development, Information Sharing
<b>Software:</b>	Oracle, AutoDesk MapGuide Enterprise, PHP, Flash, Javascript
<b>Customers:</b>	Clackmannanshire, Falkirk, Stirling Community Planning Partnerships

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For further information, visit our web site where you can fill in an on-line request for further information:

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