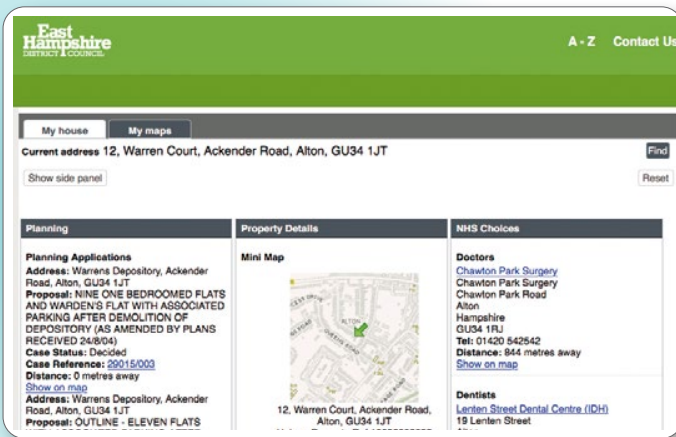


## Cloud Based Shared Services - East Hampshire District Council and Havant Borough Council



'My House' provides details of local democracy, planning applications, doctors, dentists, date of the next bin collection and much more

In 2009 East Hampshire District Council and Havant Borough Council joined together in a ground-breaking partnership. The two councils share a number of back office services, including finance, human resources, procurement, payroll and IT. In the past GIS was catered for by two corporate desktop applications SIA dataMap and Cadcorp. The two authorities decided that they needed to rationalise and move to one application with single site management of the shared GIS provision.

Peter Silvester, Data and Intelligence Manager, at East Hants led the project using the Government's G-Cloud procurement tools right down to the evaluation of software and service delivery. The 'must haves' for the procurement included:

- Managed PSMA Data
- Reduced IT overhead
- Cost savings
- Compliance - INSPIRE, Open Source, Open Data

- Web integration (WFS, WMS)
- Ability to consume disparate data sets
- Low maintenance overheads
- Enterprise support
- Self-development of solutions
- System Performance

The winning solution is based on iShare in the Cloud which consists of a Spatial Data Warehouse (SDW) based on PostGIS, iShare GIS, a browser based intranet GIS for staff and iShare Maps. iShare Maps is a public facing internet application which includes a map portal, a property or area centric report page, embeddable maps for use within web pages and location based searches. All are hosted on Amazon Web Services (AWS), in a virtual private cloud, which can be accessed from the client's network via VPN or using IP restriction. PSMA base mapping and the Councils' own aerial photography comes courtesy of Astun Data Services, enabling the retirement of some legacy servers.

iShare Maps, is integrated into both Council websites and is hosted within Astun's multi-tenanted instance on AWS with all the data pushed either directly from internal systems or via the SDW.

"iShare contains powerful data integration tools which means data can be harvested from council back off systems or third party APIs and served up in iShare Maps or analysed in iShare GIS.

Open Data is provided courtesy of Modern.gov, for Councillor details, and NHS Choices, for nearest health services. Planning Applications are sourced from Idox Acolaid and address searches are facilitated from AddressBase web service also hosted by Astun.

For staff needing a professional grade desktop GIS client, QGIS, an open source application, has become the preferred option using the Astun developed gazetteer

plugin to enable address searches. Astun provided both the support and training to facilitate the migration to QGIS from their proprietary GIS applications.

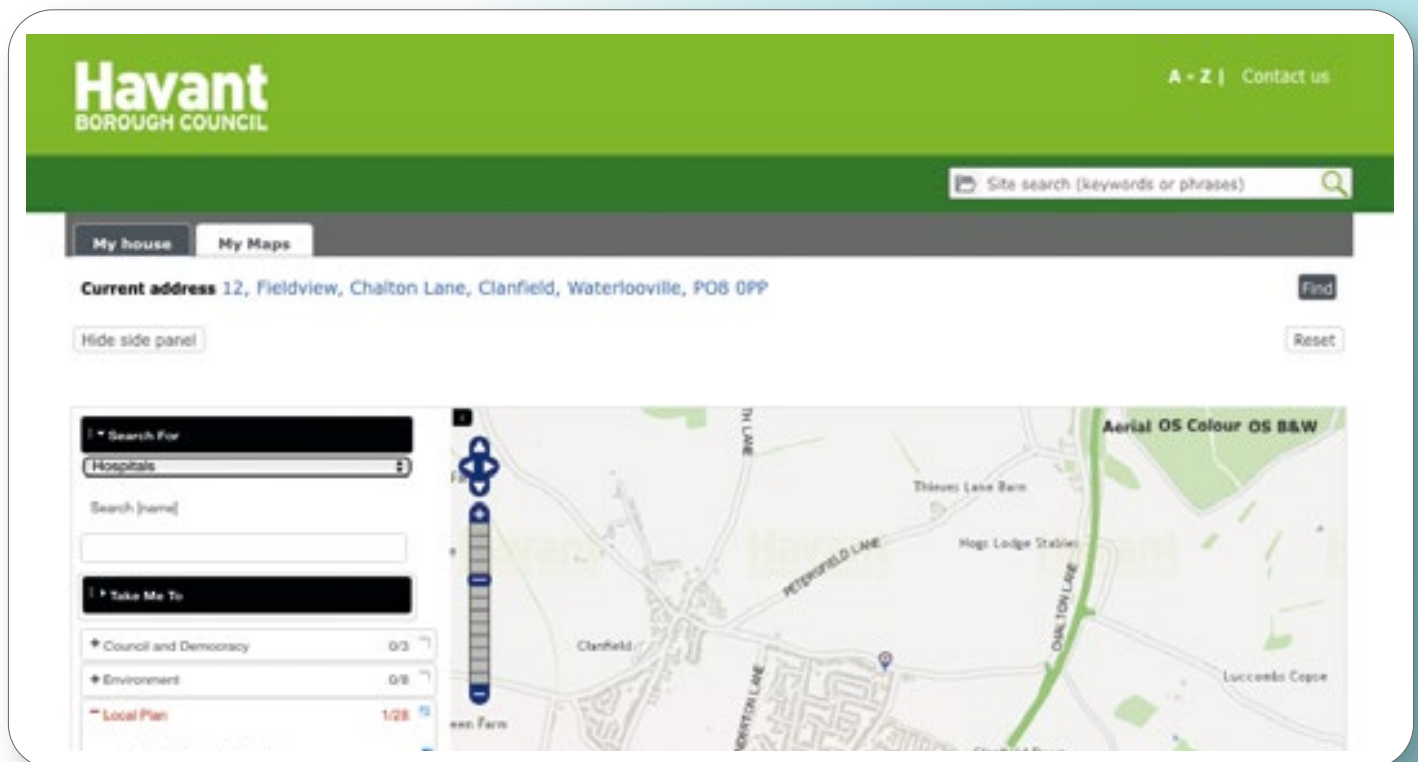
There are many benefits to the solution including:

- Significant savings from year one
- Reduced IT overhead including the retirement of legacy servers
- Improved data security
- Less reliance on Corporate IT suppliers
- Enhanced usability
- Improved performance
- Scalable, Shared Service with opportunities to share with other councils
- Annual subscription includes support and maintenance
- Hybrid Open Source solution

Following the success of the initial shared service has now been rolled out to include Hart District Council.

**Peter Silvester Data & Intelligence Manager**

*Working with Astun Technology has provided real cashable benefits. The Councils have saved over £40,000 per annum with our GIS provision in the shape of iShareGIS and iShareMaps. Astun's solutions are configurable to the organisations needs and offer the ability to use best practice deployment for Local Government (Open Data, Open Source etc). They have also allowed the three local authorities to have GI provision throughout the Covid pandemic. The Hosted PSGA data has reduced man hours spent managing OS data leaving GI staff to produce much more high value outputs.*



'My Maps' enables citizens to see the precise locations, of schools, hospitals, doctor's surgeries, details of the Local Plan plus a wealth of other useful local information



# ASTUN TECHNOLOGY



## Products

Astun offer a range of products based on open source technology. Our products can be grouped into three categories – iShare, Data Discovery and Astun Data Services.



## Services

Astun Professional Services help you make the most of the iShare products, integrating with your existing systems, enabling data sharing and providing Open Source Support and Training.



## Use Cases

Our Cloud and On-Premise solutions both let you put experts in place - providing services that deliver outstanding results in every sector.

**[astuntechnology.com](http://astuntechnology.com)**

