



StatMap

Advanced. Reliable. Simple.
Choose any three.

eVO™

Gazetteer Management System (GMS) - LLPG & LSG

Service Definition Document

eVO Gazetteer Management System (eVO GMS) is a complete "out-of-the-box" enterprise internet browser client application - and part of the eVO technology platfor - for managing all elements of the LLPG and LSG.



eVO GMS: the first and only web-based GMS

eVO Gazetteer Management System (eVO GMS) is an enterprise internet browser client application - and part of the eVO technology platform which is our web-based proprietary platform. As such, all of our products are web-based.

eVO applications are built specifically to provide the most cutting-edge, integrated and seamless web-based workflow-centric experience, so meeting effortlessly the objectives of gazetteer custodians – for both property addressing (LLPG) and street gazetteers (LSG) – in meeting the evolving requirements of BS7666.

eVO GMS is the most advanced and capable internet browser client GMS application available, providing a full end-to-end service - requiring no

extra software licences or third party applications. Everything is provided out-of-the-box.

eVO GMS is built upon StatMap's eVO technology platform, so we control all elements of our system and can deliver precisely what our customers need and when they need it – and all fully integrated so that for one simple fee you get everything you could possibly require.

eVO technology platform

eVO GMS can be used alongside other web-based eVO technology platform applications, including Earthlight enterprise GIS and the Horizon Case Management System, and includes the following:

- Planning Development Control
- Building Control
- Local Land Charges
- Environmental Health / Protection
- Licensing
- Trading Standards
- Housing (Tenant and Asset Management)
- Traffic Regulation Orders
- Grounds Maintenance
- Scheduled Monuments
- Listed Buildings
- Tree Preservation Orders (TPOs)

**eVO GMS requires
no extra GIS licences or
third-party applications.
And this also goes for all
eVO technology platform
applications:**

**it is a complete
technology solution."**



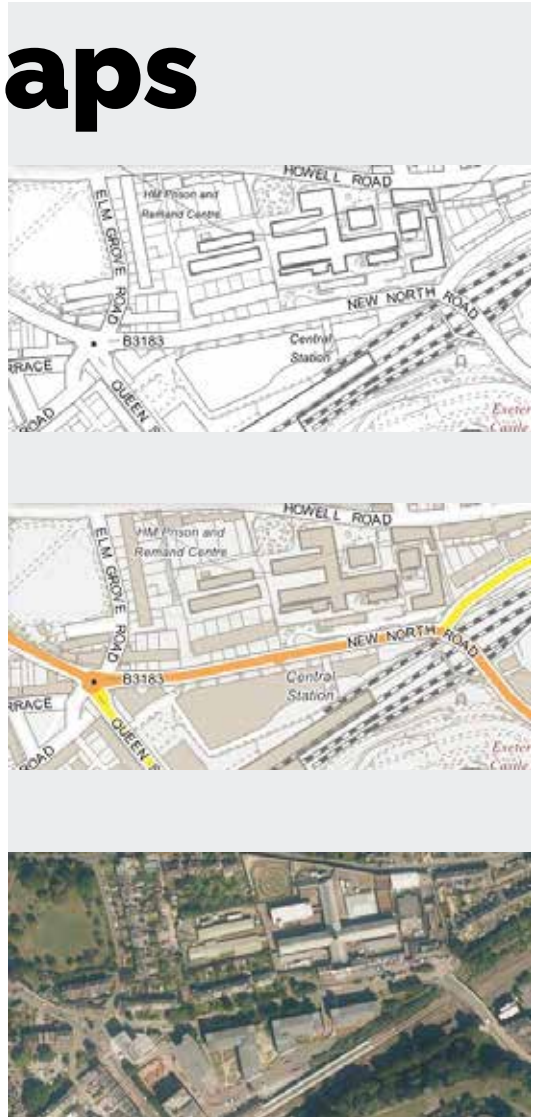
OS Basemaps

Beyond rasters

As part of the fully managed and maintained stack of Ordnance Survey (OS) map products, clients are also provided with a full UK-wide maintained and up-to-date supply of OS MasterMap data.

As such, clients avoid the overhead of maintaining their own base mapping data, and are assured that they're always working with the most current releases for all OS based products.

If hosting on their own network, clients can benefit from StatMap's unique system of pushing the newest OS MasterMap versions from our central server to our client's servers. The entire process is fully automated and transparent to the end user.



TomTom - live traffic

In addition to the complete stack of Ordnance Survey products being available to PSMA members, we also support TomTom live traffic data via a dedicated

The TomTom API provides powerful functions such as time-dependent isochrones, without breaking your budgets due to TomTom's exceedingly generous 'free tier' offering.

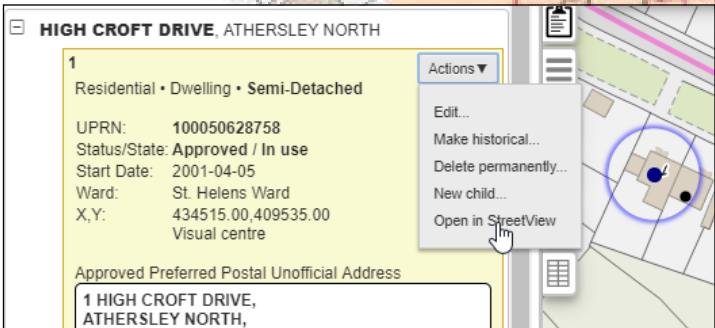


Features at glance

- Full support for NLPG DTF 7.3 and NSG DTF 8.1
- Full extract and change only updates (COU)
- Regular uploads to National Hub via FTP or email

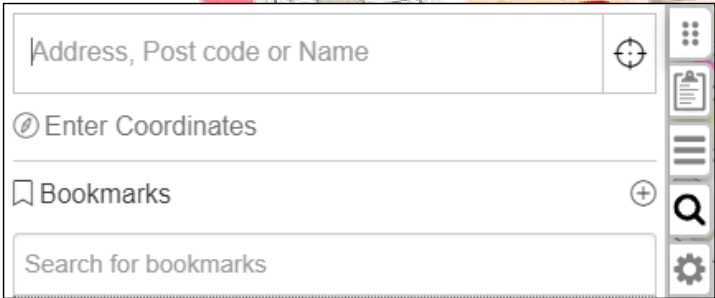
Integrated StreetView

All of our GIS-related products feature built-in integration with Google Street View, meaning that visual address confirmation is only a click away.



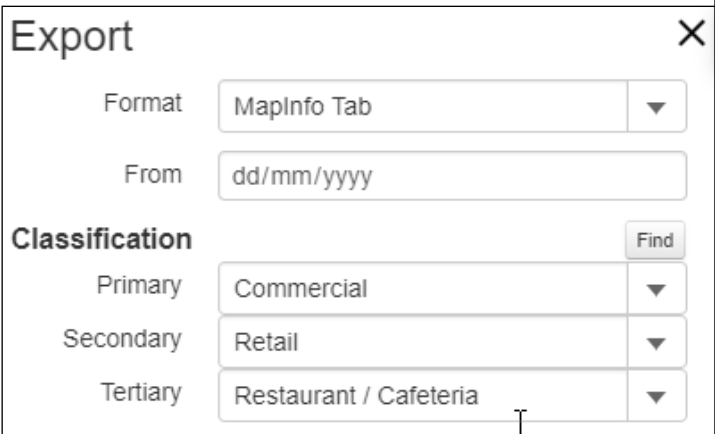
AddressBase Premium verification

Should there be concerns about the origin of an address, the full power of AddressBase Premium is awaiting at your disposal. It comes as a standard part of the service and requires no configuration. A truly out-of-the-box feature.



Instant export

Exporting data from eVO GMS is simple, quick, and highly configurable. Via the intuitive and powerful filter tools, you can extract all of your data, or just the elements in which you're interested - including property types and date ranges.



eVO GMS provides exports to a whole host of formats is achieved simply by selecting from a dropdown box.



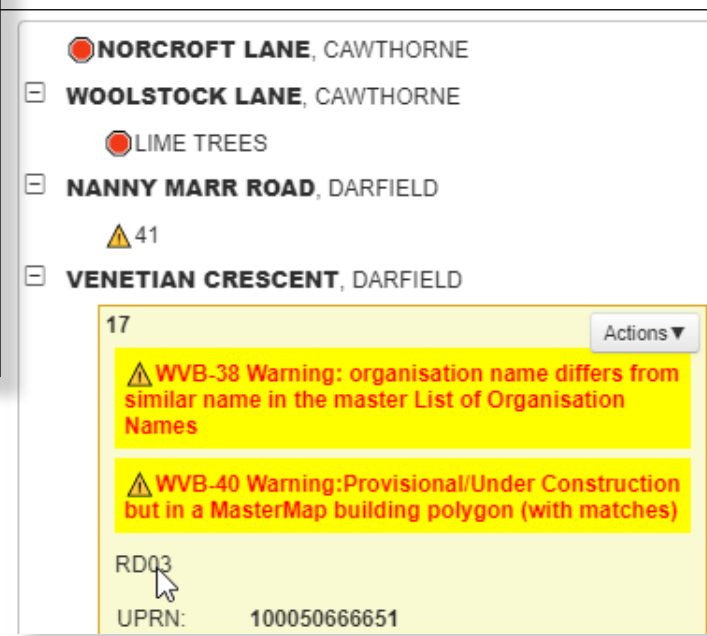
Plan Geo-referencing

eVO GMS provides you with the capability to import and georeference street plans for new development against OS base layers – such as MasterMap – so enabling you to digitise and locate new addresses accurately without having to wait for the Ordnance Survey to update their base mapping to capture those new developments.



Omnisearch

Search everything from a single search bar – including any cross references.



Error reporting

Drag and drop error reports directly from GeoPlace emails to quickly see and rectify all entries which are less-than-perfect.

Error reporting is also essential for delivering the instant record validation required for GeoPlace's new **Central Maintenance** concept.

Smart Editing

Functional interface

eVO GMS is designed to ensure that all information is presented in a clear and consistent way without the need for switching between deeply nested containers - like tabs or dialogs.

All vital details are visible at a glance, which simplifies accessing and querying addressing data, mitigates the potential problem of hidden data and makes the entire editing process faster, more productive, easier, and enjoyable.

Reaching out for spatial data

Just two clicks on the map can save you from error-prone and mundane filling out of spatial-related fields. Our GMS is fully spatially aware and can automatically infer:

- Street and its locality
- Electoral Ward
- Electoral Parish

No	suf	-No	suf	PAO text	Stre
1					HIGH
2					HIGH
3					HIGH
4					HIGH
5					HIGH
6					HIGH
7					HIGH
8					HIGH
9					HIGH

New Address

Location (BLPU)

Visual Centre

Self

434

Status

Provisional

State

Under cons

Organisation

Ward

Penistone East Ward

Parish

(none)

Classification

Find

Primary

Unclassified

Secondary

Awaiting Classification

Tertiary

(none)

Cross refs (XREF)

SNN New Build

AR 34285

More

Delete

Address (LPI)

Show SAO

PAO

No.

Suffix

No.

Suffix

PAO Text

Street

ATHERSLEY NORTH
HIGH CROFT DRIVE

Postal Address

Yes

No

More

Postcode/Town

(none)

Official Address

Yes

No

Not defined

Start Date

dd/mm/yyyy

Export

Yes

No

Create Address

Cancel

Keeping gold standard through tertiary classifications

Food

Commercial - Industrial
Factory / Manufacturing

Commercial - Retail
Restaurant / Cafe

Commercial - Retail
Fast Food Outlet / Takeaway (Hot / Cold)

Codes:

C Commercial
R Retail

07

Explanatory notes:
Where primary use of refreshment house serves customers eat FOOD purchased on the premises. Could also be described as Canteens.

Mandatory

et	Post town	Postcode	Status
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Approved
H CROFT DRIVE	BARNLEY	S71 3AU	Provisional
H CROFT DRIVE	BARNLEY	S71 3AU	Provisional

Batch editing

It is time to leave the ‘Wizards’ at Hogwarts, and the Cold War / 90’s software paradigm behind - and move into the future.

With an intuitive Excel-like spreadsheet, changing dozens of records at once has never

been easier. Instant feedback and save-on-demand features give you all the necessary full confidence and control over the mass-editing process.

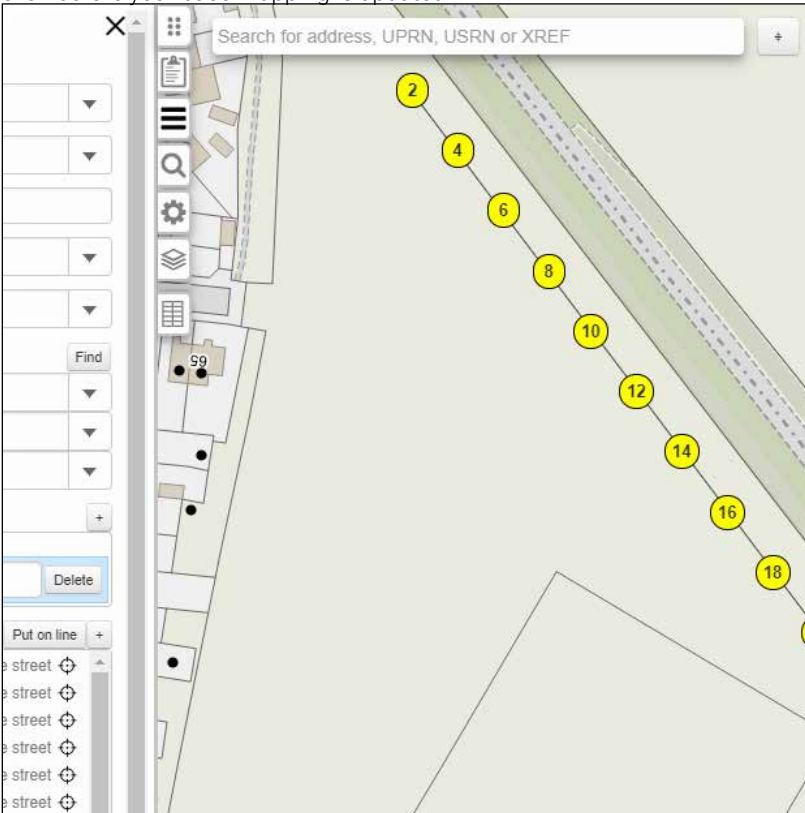
Provisional addresses spreading

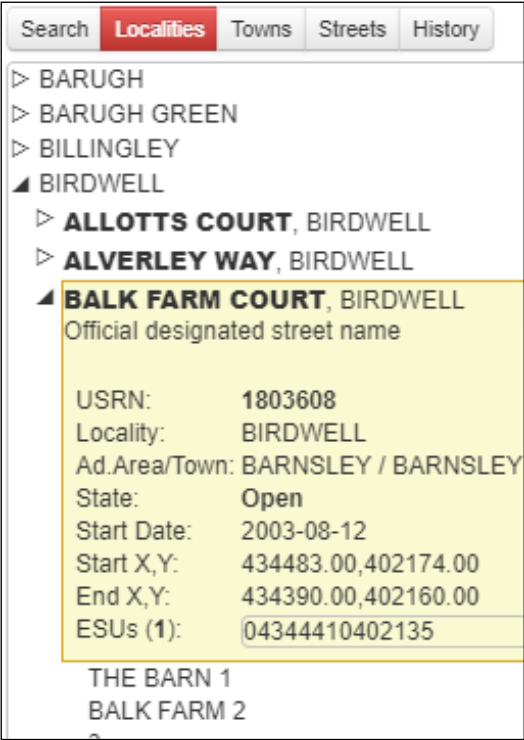
A unique tool which allows you to quickly provision multiple locations for new-build houses. There is no need to spend time manually allocating unconfirmed locations, yet squeezing all addresses into the start location node of the referenced street.

Of course, if you have utilised the geo-referencing of plans facility within eVO GMS, you can also add these to the correct locations even before your base mapping is updated.



GeoPlace is raising the bar again and asking to complete all missing tertiary classification. Not to worry though – we’ve got a tool just for that. It can easily highlight and report all addresses which are not yet classified.





Change your point of view

Browsing streets grouped by localities and towns, or drilling down to individual properties, is now fast and easy.

Convenient info panels display a hand-picked set of details crafted separately for streets and addresses.

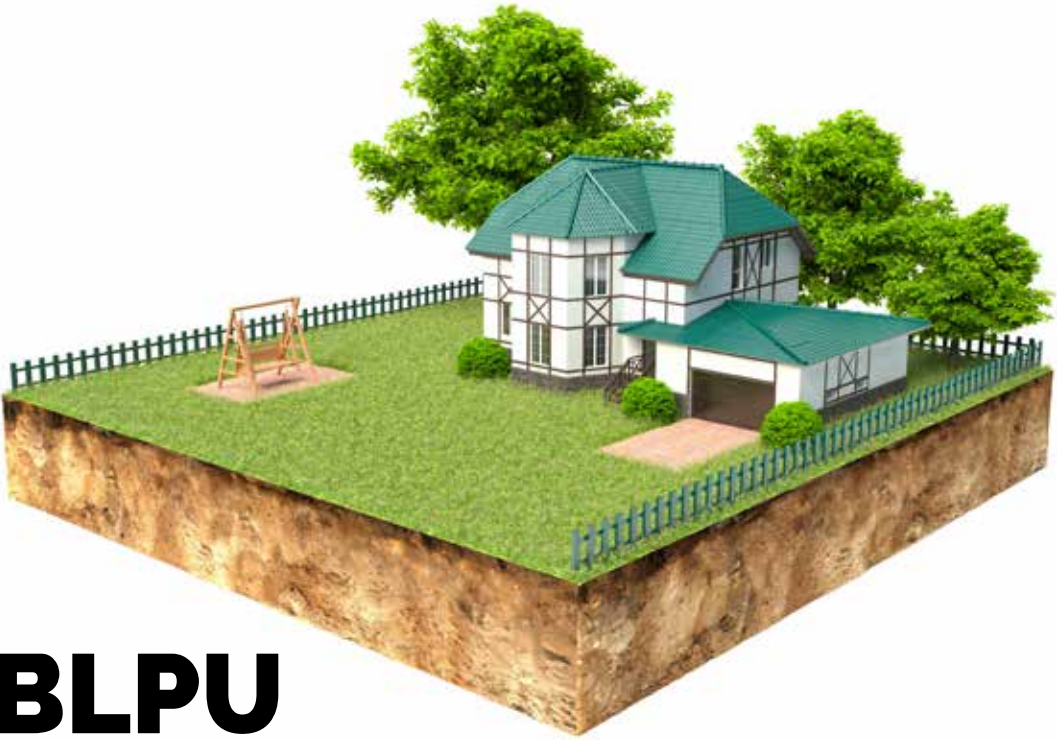
Cross references

Xrefs without effort

Cross references are bridges between quality address information underpinned by UPRN to other systems within your organization.

With a built-in Excel-like editor, managing them is a breeze.

Beer Defaults UI Settings USRN and UPRN Ranges XRef Sources Installation Routines Hub Details			
Id	Source	Capture	To GeoPlace
LC	Land Charges	Optional	No
ND	Non Domestic Rates	Mandatory	Yes
OS	Ordnance Survey received from GeoPlace	Optional	Yes
PA	Postcode Address File	Optional	Yes
PL	Planning	Optional	No
RC	Refuse Collection	Optional	No
S1	SNN Conversion	Mandatory	Yes
S2	SNN Demolition	Mandatory	Yes
S3	SNN New Build	Mandatory	Yes
S4	SNN Rename / Renumber	Mandatory	Yes
S5	SNN Retrospective	Mandatory	Yes
S6	This is a test	Mandatory	No
		Optional	No



BLPU Polygons



Align tool not only makes capturing new boundaries a snap – it also quickly improves existing polygons.

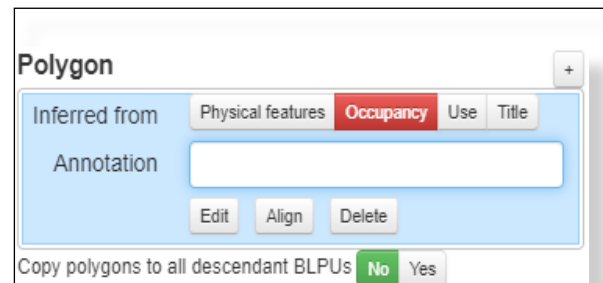
Copy extent to child BLPUs

The days of drawing the same polygon dozens of times in a block of flats are finally over. A single switch will save you hours!

Capture extents with ease

Using an arsenal of tools for polygon capturing, maintaining correctly aligned BLPU polygons has never been easier. When needed you can choose:

- free-hand drawing
- individual node editing
- automatic tracing
- align



BLPU Extent Manager

BLPU extent polygons used to be a neglected part of gazetteer management. Captured and stored as address provenances were always optional and never shared with any external body like GeoPlace.

The game changing announcement from HM Land Registry put an obligation on every local authority to share its land charges data, which include valid and precise charge extent polygon.

BLPU Extent Manager reduces time necessary to capture extents from existing HM Land Registry layers or directly from OS MasterMap. Dozens polygons can be captured within one minute.




Correct BLPUs are not only a source of an additional obligation for a gazetteer custodian. They are an invaluable tool which reduces time and errors (up to 25% extents are captured incorrectly) made by operators of other statutory systems, like:

- Building Control*
- Development Control (Planning)*
- Local Land Charges*

*“Every local authority in England, with the exception of county councils, is required to hold a local land charges register that records obligations affecting properties within their administrative area. Under the Infrastructure Act 2015 responsibility for the 316 registers was transferred to **HM Land Registry** in a phased approach beginning in summer 2018.”*

HM Land Registry, Local Land Charges Programme



Are you ready?

An aerial photograph of a complex highway interchange with multiple overpasses and ramps. The scene is captured during the 'golden hour' of sunset, with the sun low on the horizon, casting a warm, orange glow over the city skyline in the background and the road below. The sky is filled with soft, textured clouds. The highway has several lanes with visible traffic, including cars and a large truck. The surrounding area includes some greenery and urban development.

Street Gazetteer

All of the essentials for maintaining **Local Street Gazetteer** data for the **LLPG** are included. However, for highways authorities within local government who need to maintain **Level 3 Street Gazetteers** – like unitary authorities and county councils – StatMap provides a complete set of advanced tools for managing **Level 3 Street Gazetteers**, including the **Elementary Street Unit (ESU)**, with rich attributes stored as **Additional Street Data**.

Whether you need to split an **ESU** at intersection points or register consultation date for **PRoW** meeting – we've got you covered.

A single glance on the screen provides all necessary details. All record types are displayed in a flat, sorted and compact list – **instantly and always visible.**

A well-thought-out UI design **reduces time and frustration** caused by switching tabs or opening never-ending streams of nested dialogs.

All spatial ESU operations, like splitting and merging, **ensure network correctness** – thanks to the snapping and tracing capabilities.

Highway **Dedications** are directly accessible and editable from ESU list.

Additional Street Data

Public Rights of Way

Dedication

(none)

Access Rights

Pedestrian

Horses

Non Mot

Bike

Moto

Location

Whole Street

Point

Line

Polygon

Revelant Date

dd/mm/yyyy

Status

(none)

Consultation date

04/04/2019

Close date

dd/mm/yyyy

Reference

Add

Interest

Construction

Special Designation

Weight Restriction

Height Restriction

Width Restriction

Public Rights of Way

ESUs

Split

Merge

Reassign

Edit

Add

04349100409207*

X

Direction

Two way

Start to End

End to Start

Dedication

Motorway

PRoW

NCR

Quiet

Obstruction

Planning Order

Works Prohibited

dd/mm/yyyy hh:mm

-

dd/mm/yyyy hh:mm

Seasonal



Installation free Cloud

The browser is the client.

No **Flash**, no **Java**, no **Citrix**, no **remote desktops**.
No tricks, compromises or half-measures.
Just the real cloud experience.

Therefore there is no need for maintenance of client
installs on networked machines.

This means that officers are entirely free to use
StatMap eVO applications from any location, be it
home, office or in the field.

Keep it secret. Keep it safe.

All communications involving customer data are always encrypted using the military grade TLS 1.3 encryption protocol. However, the weakest links are always people, and so we only work with providers which hold the following accreditations:

- **ISO 27001**
- **ISO 9001**
- **CSA Star Certification**

99.9% availability

We only use tried and trusted data centre providers, such as OVHcloud and Azure from Microsoft. Therefore, not only can we be sure that the data storage and processing is being carried out in accordance to the highest standards – but we can also expect 24/7 availability.



Data centres



Top of the line hardware

We know exactly what our software needs in order to run flawlessly and fast, and so we configure and tune our servers to match precisely our requirements.

No more slow spinning HDD or decades old CPUs. Instead, just the fastest SSD and high-end **Intel Xeon** processors are used.

Unlimited bandwidth

All of our data centres are connected directly to the backbone of the UK internet. This means that we can receive and send gigabytes of data in seconds.

And our servers don't have to wait for A0 prints, or access to massive and detailed aerial imagery datasets.

Single Source of Responsibility

THE PERFECT STORM

1. All Systems Down

9 out of 10 system failures are caused by miscommunication between ICT and software vendors, leading to organization-wide outage.

2. The Blame Game

When more than one party is involved, resolution process takes much longer than needed as "whose fault it is" game is afoot. Rather than focusing on resolving problem at hand parties tread carefully (and slowly) to mitigate potential responsibility.

3. 28 DAYS LATER

After days of losing money and sleepless nights for system administrators the system finally seems to be live again. No one admitted any wrong-doing and no contingency plans have been put in place. Till next time...

But it doesn't have to be like that anymore.

By controlling the full stack, StatMap can offer you the fully managed service where it is up to us ensure that everything runs smoothly and in perfect harmony.

We take care of:

- servers,
- databases,
- basemaps,
- backups,
- migration policies

so you don't have to.



***Who you
gonna call?***

Technical Experts

All of our support personnel are technical experts, and are in a position to assist you immediately. As such, we do not hide behind sales teams. You can be sure that the person dealing with your request is an expert in our platform products, their architecture and design.

The Challenge

Our technical experts are eager to work with you to maximise the business benefits which you will enjoy using eVO Platform products. Therefore, we encourage you to discuss any issues or ideas you may have with us. We seek to continually improve and develop the eVO Platform so that it meets your business needs both now and in the future.

Working With You

Should you need help or advice in getting business-specific applications, projects and integrations moving, again, please do let our technical experts know. We're more than happy to work with you in order to achieve your business goals.



“

StatMap operates the most comprehensive and generous customer service operation available on the market.”



Our clients

GMS is a part of eVO Platform – a product range which provides complete coverage of enterprise spatial applications and services to all public and private sector organisations, including: Local Government, Central Government, Engineering Consultancies, NHS, Financial Institutions, Estate and Rural Surveying Practices, Charities , Utilities, etc.





What they say about us



“

StatMap software deployment was simple almost beyond belief, users and user groups are simple to set up with very powerful control capability over providing functionality and data access to those same users and groups. This is ideal for a large organisation, like local authorities, where control over all elements of the system – from database design, data creation and data manipulation, access and deployment – are provided from once centralised system.”

Stuart Kimsey / GIS Officer
East Lothian Council

“

StatMap is our vendor of choice, and when combined with a spatial database, allows us to undertake the range of GIS related tasks, from simple mapping to complex spatial analyses. With an active user community and a receptive development team, the product is continually enhanced – so much so we were able to move to a virtual desktop and lose the desktop licenses in most instances.”



Alisdair MacLean / GIS Manager
Policy and Performance
Brent Council

Executive Overview

- First and only web-based GMS
- Future-proof solution[†]
- Hassle-free procurement[‡]
- GDPR and Brexit-ready*

No cost of:

- server provisioning
- internal ICT support
- GIS component
- basemap updates

[†] Design for GeoPlace Central Maintenance

[‡] Available via trusted G-Cloud framework

* All data hosted within UK borders



Crown
Commercial
Service
Supplier



UK-only datacentres



Certified providers



In partnership with:



StatMap Ltd

Company No. 6588284 • Registered in England
0844 376 431 • info@statmap.co.uk

Certain digital data images are reproduced from Ordnance Survey GB,
© Crown Copyright.