

# **Stanfords Portal**

# Quick Guide for Vector Data

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### OS MasterMap Vector Data – Order Options

Customers can order OS MasterMap Vector data in Stanfords Portal for standard CAD software (dwg/dxf files) or advanced CAD software/GIS systems (ESRI Shapefile).

For both output options, customers can order data by using the pre-defined order area options or user defined options shown below the map window & in the tools panel:

- Draw a box
- Draw a polygon
- Specify height/width
- Specify Top Left / Bottom Right coordinates

Quick guide instructions on how to order as above are included in this document. A full User Guide showing screenshots / more detailed instructions can be downloaded from Stanfords Portal homepage.

#### This section details the two different preview options when purchasing OS MasterMap Vector data:

- With Large Scale Map preview. £0.75 for 36 hectare view & additional £0.75 for additional 36 hectare preview.
- No Large Scale Map preview. Define your order area by previewing only the OS Streetview (1:10k) mapping (ideal for ordering large areas of data).
- 1. Order with Large Scale Preview

Log in to Stanfords Portal & enter your search criteria e.g. postcode in the field provided & click search. Choose your Site Centre by clicking the Site Centre button adjacent to your required address below the mapping.

Expand required product Category e.g. Map & Height Data for CAD/Vectorworks & the product OS MasterMap Vector (All CAD systems).

Click OK to accept the £0.75 view charge to view 36 hectares of MasterMap.

If your area of interest is shown within the 36 hectare view area then define your order & area & complete your order as required.

If you need to view more than the 36 hectares shown to define your order area click the Zoom out icon in the top left of the map window –



Continue to zoom out in this way until the map window shows a zoomed out view of your 36 hectare view area & a message is displayed asking if you want to pay an additional £0.75 view charge to view a 72 hectare area (additional 36 hectares).

By clicking OK you can then pan around the 72 hectare area to define your order, clicking cancel means you can only view the original 36 hectare area.

#### 2. Order with No Large Scale Map Preview (and therefore no OS preview charges)

This option is ideal for those orders where the users know what area they would like the mapping to cover and therefore don't need to preview the extents in the large scale detail prior to purchase. However please note that once this option has been selected it is not possible to change one's mind and simply switch the large scale preview on. To do this one would have to select the standard OS MasterMap Vector option from the product menu and re-draw the required area again from scratch.

Log in to Stanfords Portal & enter your search criteria e.g. postcode in the field provided & click search. Choose your Site Centre by clicking the Site Centre button adjacent to your required address below the mapping.

Expand required product Category e.g. Map & Height Data for CAD/Vectorworks & OS MasterMap Vector Without Preview (All CAD Systems).





OS Streetview Mapping is then displayed in the map window. Any of the order options below the mapping can then be selected; the example shown below is User Defined Area & the Draw Polygon tool –



Complete your order by obtaining a price, Add to Basket, Go to Basket, choose file type from the Order format dropdown, pay at the checkout stage & then download your order from the Order History section of your Portal account.

For more detailed instructions on ordering products see the required product quick guide below or the full Stanfords Portal User Guide from Stanfords Portal homepage.



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### Stanfords Portal – Locate Your Area

Log in to Stanfords Portal with the email address & password used for registration.

There are 6 options for locating an area in Stanfords Portal.

The Search tab is the first screen shown following log on & the 'Choose an area' dropdown shows these options for locating your area -

<b>Q</b> Choose an area:
Postcode 💌
Postcode
House/Property
Address Free Text
Coordinates
OS National Grid
Define Area by ESRI Shapefile

#### Ordnance Survey View Charges

Every time a customer of Stanfords views OS large scale mapping online e.g. OS MasterMap Mono / Colour or OS MasterMap Vector (All CAD Systems), a set royalty fee is due to Ordnance Survey.

Accepting the  $\pounds 0.75 + vat$  view charge displays 36 hectares of mapping around your site centre (by zooming out & accepting a further  $\pounds 0.75 + vat$  view charge an additional 36 hectares is displayed).

If you do not have an address or are uncertain of your required Site Centre for your area of interest, search using postcode/address free text and then choose one of the free to view products e.g. OS Streetview 1:10k (in the OS Open Data product category).

You can then work out your site centre before committing to a large scale view / accepting the view charge. As you move your mouse over the mapping, the OS grid coordinates for the area you hover over are displayed at the bottom of the map window –



Find your required site centre by panning/moving your mouse cursor and then take a note of the coordinates displayed – you can then search by coordinate (as detailed below) for your site centre and choose the OS large scale product required.

#### Postcode Search

If you know the postcode of a property that you want to centre your map enter the postcode in the search field provided & click the Search button -





A list of all properties within the postcode area entered is then displayed below the map window. Scroll through the addresses & click the Site Centre button adjacent to your required property address-

Q	Search	results:	
_			
		29, Corn St, Bristol, BS1 1HT	
		33, Corn St, Bristol, BS1 1HT 35, Corn St, Bristol, BS1 1HT	
	Site Centre	41, Corn St, Bristol, BS1 1HT	
	Site Centre	49, Corn St, Bristol, BS1 1HT	

After clicking Site Centre proceed with your order by choosing your required product category & specific product & defining your order with the options below the map window.

#### House/Property Search

If you want to centre your map on a property but do not know the postcode then use the House/Property Search option.

Enter the property number, street & town in the fields provided -

<b>Q</b> Choose an area:
House/Property
House No:
29
Street:
Corn Street
Town:
Bristol
Postcode:
Search

When the search completes, the specified address is shown below the map window, click the Site Centre button -



After clicking Site Centre proceed with your order by choosing your required product category & specific product & defining your order with the options below the map window.



#### Address Free Text

In this search field, you can enter any information you have regarding your area of interest, the more information entered, the more likely it is to get a full address match shown at the top of the search results -

Address Free	Text 🖌		
Text:			
12-14 Long Acre			
	Search		
Q Search results:			
Site Centre	12-14, Long Acre, London, WC2E 9LP		
Site Centre	12, Long Acre, Barnsley, S71 3FB		
Site Centre	12, Long Acre, Basildon, SS14 2LW		
Site Centre	12, Long Acre, Codsall, Wolverhampton, WV8 2EG		

#### **Coordinates Search**

If you know the OS National Grid coordinates for your site choose Coordinates from the dropdown. Enter your 6 digit Easting in the X field provided.

Enter your 6 digit Northing in the Y field provided & click search -

If you do not have an address or are uncertain of your required Site Centre for your area of interest, search using postcode/address free text and then choose one of the free to view products e.g. OS Streetview 1:10k (in the OS Open Data product category).

You can then work out your site centre before committing to a large scale view / accepting the view charge.

As you move your mouse over the mapping, the OS grid coordinates for the area you hover over are displayed at the bottom of the map window -



Find your required site centre by panning/moving your mouse cursor and then take a note of the coordinates displayed - you can then search by coordinate (as detailed below) for your site centre and choose the OS large scale product required.



r		
-	~	

<b>Q</b> Choose an area:
Coordinates 💙
X:
384076
Y:
398483
Search 🔥

After clicking Site Centre proceed with your order by choosing your required product category & specific product & defining your order with the options below the map window.

#### OS National Grid Search

If you have an OS grid sheet reference, select OS National Grid on the search dropdown & enter your sheet reference in the Grid Reference field provided –



After clicking Site Centre proceed with your order by choosing your required product category & specific product & defining your order with the options below the map window.

Define Area by ESRI Shapefile (For Data Products only, not applicable for Planning Map orders).

To upload a Shapefile to define your area choose Define Area by ESRI Shapefile from the dropdown-

<b>Q</b> Choose an area:
Define Area by ESRI Shapefile 🛛 🗸
ESRI Shapefile Upload:
Shapefile shape format (.shp) *
Browse
Shapefile index format (.shx) *
Browse
Shapefile attribute format (.dbf) *
Browse
Shapefile projection format (.prj)
Browse
Upload

Upload the .shp .shx .dbf & .prj files in the four fields displayed & click Upload. Click OK on the pop up message "ESRI Shapefile successfully uploaded".

After clicking Site Centre proceed with your order by choosing your required product category & specific product, select user defined below the map window & tick select to order to obtain a price.



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#### External Links / Further Assistance

Ordnance Survey - <u>http://leisure.ordnancesurvey.co.uk/</u> Use the search field on this page to obtain National Grid Coordinates for a place / street.

Streetmap - <u>http://www.streetmap.co.uk/</u> Search by place / street to obtain National Grid Coordinates (displayed below the mapping shown, "Location is at (displays coordinates)".

Royal Mail – <u>www.royalmail.com</u> Use the Postcode Finder option from the homepage to obtain postcode details for a site.

If you cannot locate your required site using the information above please contact our service centre, Monday to Friday 9am to 6pm for assistance.



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### Order OS MasterMap Vector – Pre-defined Areas

Steps t	o follow	System tools / icons / Tips
1.	Complete the registration form & payment via Stanfords Portal homepage or if already registered -	Pan / Zoom in & Out -
2.	Enter username & password at homepage	
3.	Enter postcode in Choose an Area field & click search	<b>Ø</b>
4.	Choose your site centre from address list below the map window	THE REAL PROPERTY AND A DECEMBER OF A DECEMB
5.	For CAD Data - Select Map & Height Data for CAD/Vectorworks (top right) & OS MasterMap vector (with or without Preview) from the product choice displayed & accept the view charge if required; or	Maya Order Area
6.	For GIS Data – Select Map & Height Data for GIS & OS MasterMap vector (with or without Preview) for GIS output formats.	Move Order Area –
7.	Choose one of the pre-defined order options below the map window e.g. 4.0 Hectares	
8.	If required, adjust the position of the yellow box by clicking the 'Move the Order' area button & drag & drop the yellow box	Delete Order Area –
9.	When the yellow box is positioned as required check "Select to Order" to obtain a price & Add to Basket	<b>X</b>
10.	Click the Search tab & repeat as above if you want to order data for another site, or Go to	Stanfords offer two versions of OS
11.	Basket to complete your order. In the Basket choose either DWG/DXF Formatted Layers or Unformatted Layers from the Data format dropdown (or ESRI /MapInfo for GIS) & give your order a reference in the field provided if required & click Submit	MasterMap data for CAD (DXF/DWG): Formatted Layers – to order OS data with standardised Layer Codes based on the OS MasterMap layer conventions e.g. OSGB10169 etc, choose either 'DXF or DWG formatted layers (New)' from the data
12.	Accept terms & conditions (for each map) & click "Pay Using WorldPay" or "Pay by Invoice" if you have a credit account	format dropdown at the basket stage (as shown below). Unformatted Layers – to order OS Data in
13.	Following payment, return to Stanfords Portal	the same file format available since 2008
	Click "My Account" (top right)	from Stanfords (with layer codes assigned from IT000000001 onwards to layers present
	Select "Order History" from the menu displayed	in the data) choose dwg or dxf - unformatted
16.	Select "Click for Order Details" next to your order number	layers from the data format dropdown at the basket stage.
17.	Click the orange download button & save your map file to your PC. Double click the zip file & open the DXF/DWG or GIS file.	



### Order OS MasterMap Vector – Draw Irregular Polygon

Steps to		System tools / icons / Tips
	Enter username & password at homepage	Dan / Zaam in 8 Out - Zaam out to view order
2.	Enter postcode in Choose an Area field & click search	Pan / Zoom in & Out - Zoom out to view order area after entering Height & Width dimensions –
3.	Choose your site centre from address list below the map window	
4.	For CAD Data - Select Map & Height Data for CAD/Vectorworks (top right) & OS MasterMap vector (with or without Preview) from the product choice displayed & accept the view charge if	
5.	required; or For GIS Data – Select Map & Height Data for GIS & OS MasterMap vector (with or without Preview) for GIS output formats.	Draw Order Area Polygon –
6.	Choose 'User Defined Area' below the map window	Resize Order Area –
7. 8.	Zoom out in the map window to view a larger area & click the Draw Order Area Polygon icon Use single left mouse button clicks on the	
0.	mapping to create your polygon shape & double click to close the polygon. To resize your area click the Resize Order Area button & drag & drop the yellow circle that appears or delete the existing	Move Order Area –
9.	area & repeat as above If required, adjust the position of the polygon by clicking the Move the Order Area button & drag & drop the yellow shape	Delete Order Area –
10.	When the yellow shape is positioned as required check "Select to Order" to obtain a price & Add to Basket	
11.	Click the Search tab & repeat as above if you want to order data for another site or Go to Basket to complete your order.	Stanfords offer two versions of OS MasterMap data for CAD (DXF/DWG):
12.	In the Basket choose either DWG/DXF Formatted Layers or Unformatted Layers from the Data format dropdown (or ESRI /MapInfo for GIS) & give your order a reference in the field provided if required & click Submit	Formatted Layers – to order OS data with standardised Layer Codes based on the OS MasterMap layer conventions e.g. OSGB10169 etc, choose either 'DXF or DWG formatted layers (New)' from the data format dropdown at the basket stage (as shown below).
13.	Accept terms & conditions (for each map) & click "Pay Using WorldPay" or "Pay by Invoice" if you have a credit account	Unformatted Layers – to order OS Data in the same file format available since 2008 from Stanfords (with layer codes assigned from
14.	Following payment, return to Stanfords Portal	IT00000001 onwards to layers present in the
	Click "My Account" (top right)	data) choose dwg or dxf - unformatted layers from the data format dropdown at the basket
	Select "Order History" from the menu displayed Select "Click for Order Details" next to your order	stage.
.,.	number	
18.	Click the orange download button & save your map file to your PC. Double click the zip file & open the DXF/DWG or GIS file.	

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# Order OS MasterMap Vector – specify height / width dimensions

	o follow	System tools / icons / Tips		
1. 2.	Enter username & password at homepage Enter postcode in Choose an Area field & click search	Pan / Zoom in & Out - Zoom out to view order area after entering Height & Width dimensions –		
3.		<b>A</b>		
5.	the map window			
4.	For CAD Data - Select Map & Height Data for	<b>A</b>		
ч.	CAD/Vectorworks (top right) & OS MasterMap			
	vector (with or without Preview) from the			
	product choice displayed & accept the view	Define Dev Dimensione		
	charge if required; or	Define Box Dimensions –		
5.	For GIS Data – Select Map & Height Data for	HW		
	GIS & OS MasterMap vector (with or without			
	Preview) for GIS output formats.	Resize Order Area –		
6.	Choose 'User Defined Area' below the map			
	window			
7.	Click the 'Define Box Dimensions' icon			
8.	Enter the required dimensions (metres) in the	Move Order Area –		
	Height & Width fields. To resize your area click			
	the 'Resize Order Area' button & drag & drop			
	the yellow circle that appears or delete the existing area & repeat as above			
9.	If required, adjust the position of the yellow box	Delete Order Area –		
5.	by clicking the Move the Order Area button &	X.		
	drag & drop the yellow box	940		
10.	When the yellow box is positioned as required			
	check "Select to Order" to obtain a price & Add			
	to Basket	Stanfords offer two versions of OS MasterMap		
11.	Click the Search tab & repeat as above if you	data for CAD (DXF/DWG):		
	want to order data for another site, or Go to	Formatted Layers – to order OS data with		
10	Basket to complete your order.	standardised Layer Codes based on the OS		
12.	In the Basket choose either DWG/DXF	MasterMap layer conventions e.g. OSGB10169 etc,		
	Formatted Layers or Unformatted Layers from	choose either 'DXF or DWG formatted layers (New)' from the data format dropdown at the basket stage		
	the Data format dropdown (or ESRI /MapInfo for GIS) & give your order a reference in the	(as shown below).		
	field provided if required & click Submit	Unformatted Layers – to order OS Data in the same		
13	Accept terms & conditions (for each map) &	file format available since 2008 from Stanfords (with		
	click "Pay Using WorldPay" or "Pay by Invoice"	layer codes assigned from IT00000001 onwards to		
	if you have a credit account	layers present in the data) choose dwg or dxf - unformatted layers from the data format dropdown		
14.	Following payment, return to Stanfords Portal	at the basket stage.		
15.	Click "My Account" (top right)	-		
	Select "Order History" from the menu displayed			
17.	Select "Click for Order Details" next to your			
	order number			
18.	Click the orange download button & save your			
	map file to your PC. Double click the zip file &			
	open the DXF/DWG or GIS file.			

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### Order OS MasterMap Vector - Top left/Bottom right coordinates

Steps t	o follow	System tools / icons / Tips
1.	Enter username & password at homepage	Pan/Zoom in & Out. Zoom out to view order area
2.		after entering grid coordinates –
	search	
3.	Choose your site centre from address list below	$\Phi$
	the map window	<i>T</i> ⊕ <i>Z</i>
4.	For CAD Data - Select Map & Height Data for	
	CAD/Vectorworks (top right) & OS MasterMap	
	vector (with or without Preview) from the product choice displayed & accept the view	Define Box Coordinates –
	charge if required; or	X,Y
5	For GIS Data – Select Map & Height Data for	
0.	GIS & OS MasterMap vector (with or without	8. Wherever you hover the mouse button over the
	Preview) for GIS output formats.	map window, the corresponding OS National Grid
6.	Choose 'User Defined Area' below the map	coordinates are displayed at the bottom of the mapping. You can therefore pan around your area
	window	of interest & note the required top left & bottom right
7.	Click the Define Box Coordinates icon	coordinates to create your order area.
8.	(See opposite). Enter the top left & bottom right	Move Order Area –
	Easting & Northing coordinates in the fields	
9.	provided. If required, adjust the position of the yellow box	
9.	by clicking the Move the Order Area button &	
	drag & drop the yellow box	Delete Order Area –
10.	When the yellow box is positioned as required	18%
_	check "Select to Order" to obtain a price & Add	99 <u>4</u>
	to Basket	
11.	Click the Search tab & repeat as above if you	Stanfords offer two versions of OS MasterMap
	want to order data for another site or Go to	data for CAD (DXF/DWG):
10	Basket to complete your order.	Formatted Layers – to order OS data with
12.	In the Basket choose either DWG/DXF	standardised Layer Codes based on the OS
	Formatted Layers or Unformatted Layers from the Data format dropdown (or ESRI /MapInfo	MasterMap layer conventions e.g. OSGB10169 etc,
	for GIS) & give your order a reference in the	choose either 'DXF or DWG formatted layers (New)' from the data format dropdown at the basket stage
	field provided if required & click Submit	(as shown below).
13.	Accept terms & conditions (for each map) &	Unformatted Layers – to order OS Data in the same
	click "Pay Using WorldPay" or "Pay by Invoice"	file format available since 2008 from Stanfords (with
	if you have a credit account	layer codes assigned from IT00000001 onwards to
	Following payment, return to Stanfords Portal	layers present in the data) choose dwg or dxf - unformatted layers from the data format dropdown
	Click "My Account" (top right)	at the basket stage.
	Select "Order History" from the menu displayed	
17.	Select "Click for Order Details" next to your	
10	order number Click the orange download button & save your	
10.	map file to your PC. Double click the zip file &	
	open the DXF/DWG or GIS file.	
L		1



### Order OS MasterMap Vector – Draw Square box

Steps t	o follow	System tools / icons / Tips
1.	Enter username & password at homepage	
2.	Enter postcode in Choose an Area field & click search	Pan / Zoom in & Out - Zoom out to view order area after entering Height & Width
3.	Choose your site centre from address list below the map window	dimensions –
4.	For CAD Data - Select Map & Height Data for	<b>P</b>
т.	CAD/Vectorworks (top right) & OS MasterMap	<b>A</b>
	vector (with or without Preview) from the	
	product choice displayed & accept the view	
	charge if required; or	Draw Order Area box –
5.	For GIS Data – Select Map & Height Data for	
0.	GIS & OS MasterMap vector (with or without	
	Preview) for GIS output formats.	
6.	Choose 'User Defined Area' below the map	Resize Order Area –
0.	window	
7.	Zoom out in the map window to view a larger	رالصال
••	area & click the Draw Order Area Box icon	Move Order Area –
8.	Click on the mapping & hold down the left	
-	mouse button. Move the mouse up/down to	
	increase/decrease the order area size & move	Market .
	the mouse left or right to rotate the order.	Delete Order Area –
9.	If required, adjust the position of the yellow box	
	by clicking the Move the Order area button &	1756 C
	drag & drop the yellow box	9 <b>2</b> (
10.	When the yellow box is positioned as required	<ul> <li>Management and and a second sec</li></ul>
	check "Select to Order" to obtain a price & Add	
	to Basket then Go to basket.	Stanfords offer two versions of OS
11.	In the Basket choose either DWG/DXF	MasterMap data for CAD (DXF/DWG):
	Formatted Layers or Unformatted Layers from	Formatted Layers – to order OS data with
	the Data format dropdown (or ESRI /MapInfo	standardised Layer Codes based on the OS
	for GIS) & give your order a reference in the	MasterMap layer conventions e.g.
	field provided if required & click Submit	OSGB10169 etc, choose either 'DXF or DWG formatted layers (New)' from the data
12.	Accept terms & conditions (for each map) &	format dropdown at the basket stage (as
	click "Pay Using WorldPay" or "Pay by Invoice"	shown below).
	if you have a credit account	Unformatted Layora to arder OS Date in
	Following payment, return to Stanfords Portal	Unformatted Layers – to order OS Data in the same file format available since 2008
	Click "My Account" (top right)	from Stanfords (with layer codes assigned
	Select "Order History" from the menu displayed	from IT00000001 onwards to layers present
16.	Select "Click for Order Details" next to your	in the data) choose dwg or dxf - unformatted layers from the data format dropdown at the
	order number	basket stage.
17.	Click the orange download button & save your	
	map file to your PC. Double click the zip file &	
	open the DXF/DWG or GIS file.	



### Order OS MasterMap Vector – Upload Shapefile

Steps to follow		System tools / icons / Tips
1. 2. 3. 4. 5. 6. 7. 8. 9. 9. 10. 11. 12. 13.	Complete the registration form & payment via Stanfords Portal homepage or if already registered enter username & password at homepage Click the dropdown arrow under Choose an area & select Define Area by ESRI Shapefile Click browse & specify a file location in the .shp, .shx, .dbf & .prj fields & click Upload – a pop up message "ESRI Shapefile successfully uploaded" is displayed, click OK.	System tools / icons / Tips
		1

