

# **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:	
_			
	Site Centre	29, Corn St, Bristol, BS1 1HT	
	Site Centre	35, 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.



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5	e	
C.	-	
∽	•	

<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	6	
4.	Choose your site centre from address list	125	
	below the map window		
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 Ordar Araa	
6.	For GIS Data – Select Map & Height Data for		
	Preview) for GIS output formats.	N I	
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 vellow box	Delete Order Area –	
	by clicking the 'Move the Order' area button &		
	drag & drop the yellow box	100 4	
9.	When the yellow box is positioned as required	153	
	check "Select to Order" to obtain a price & Add	3/HE3	
10	to Basket		
10.	Click the Search tab & repeat as above if you	Stanforda offen hus versions of OS	
	Basket to complete your order.	MasterMap data for CAD (DXF/DWG):	
11.	In the Basket choose either DWG/DXF	Formatted Lavers – to order OS data with	
	Formatted Layers or Unformatted Layers from	standardised Layer Codes based on the OS	
	the Data format dropdown (or ESRI /Mapinto	MasterMap layer conventions e.g.	
	field provided if required & click Submit	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"	snown below).	
	if you have a credit account	Unformatted Layers – to order OS Data in	
13.	Following payment, return to Stanfords Portal	the same file format available since 2008	
14.	Click "My Account" (top right)	from IT00000001 onwards to layers present	
15.	Select "Order History" from the menu displayed	in the data) choose dwg or dxf - unformatted	
16.	Select "Click for Order Details" next to your	layers from the data format dropdown at the	
17	Order number		
17.	Click the orange download button & save your		
	open the DXF/DWG or GIS file		



### Order OS MasterMap Vector – Draw Irregular Polygon

Steps to	follow	System tools / icons / Tips
1.	Enter username & password at homepage	
2.	Enter postcode in Choose an Area field & click	Pan / Zoom in & Out - Zoom out to view order
	search	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	122
	CAD/Vectorworks (top right) & OS MasterMap	
	vector (with or without Preview) from the product	
	choice displayed & accept the view charge if	
	required: or	Draw Order Area Polygon -
5	For GIS Data – Select Man & Height Data for GIS	
0.	& OS MasterMan vector (with or without Preview)	1 martine and the second secon
	for GIS output formate	
6	Choose 'User Defined Area' below the man	(webselingted)
0.	window	Besize Order Area –
7	Zoom out in the man window to view a larger area	
7.	2 oligit the Draw Order Area Belygen icon	
0	Lise single left mouse butten elieks on the	
0.	manping to create your polygon shape & double	
	diak to clean the polygon. To regize your grap	Move Order Area –
	click to close the polygon. To resize your area	(manager )
	the vellow size that epocars or delete the evicting	
	the yellow circle that appears of delete the existing	
0	area & repeat as above	
9.	il required, adjust the position of the polygon by	Delete Order Area –
	clicking the wollow choice Area button & drag &	March 1
10	drop the yellow shape is positioned as required	1000
10.	when the yellow shape is positioned as required	A set
	Check Select to Order to obtain a price & Add to	
4.4	Daskel	
11.	Click the Search tab & repeat as above if you want	Stanfords offer two versions of OS MasterMap
		data for CAD (DXF/DWG):
10	complete your order.	Formatted Lavers – to order OS data with
12.	In the Basket choose either DWG/DXF Formatted	standardised Layer Codes based on the OS
	Layers or Unformatted Layers from the Data	MasterMap layer conventions e.g. OSGB10169
	format dropdown (or ESRI /Mapinto for GIS) &	etc, choose either 'DXF or DWG formatted layers
	give your order a reference in the field provided if	hasket stage (as shown below)
10	required & click Submit	
13.	Accept terms & conditions (for each map) & click	Unformatted Layers – to order OS Data in the
	"Pay Using WorldPay" or "Pay by Invoice" if you	same file format available since 2008 from
	have a credit account	IT0000001 onwards to layers present in the
14.	Following payment, return to Stanfords Portal	data) choose dwg or dxf - unformatted lavers
15.	Click "My Account" (top right)	from the data format dropdown at the basket
16.	Select "Order History" from the menu displayed	stage.
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 – specify height / width dimensions

Steps t	o follow	System tools / icons / Tips	
1. 2.	Enter username & password at homepage Enter postcode in Choose an Area field & click	Pan / Zoom in & Out - Zoom out to view order area after entering Height & Width dimensions –	
3	Chaosa your site contro from address list below	<b>A</b>	
5.	the map window		
1	Eor CAD Data - Select Map & Height Data for	<b>A</b>	
ч.	CAD/Vectorworks (ton right) & OS MasterMan		
	vector (with or without Preview) from the		
	product choice displayed & accept the view	Define Dev Dimensione	
	charge if required: or		
5.	For GIS Data – Select Map & Height Data for	H,W	
	GIS & OS MasterMap vector (with or without		
	Preview) for GIS output formats.	Besize 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		
	avisting area & repeat as above		
٩	If required adjust the position of the vellow box	Delete Order Area –	
5.	by clicking the Move the Order Area button &	X.	
	drag & drop the vellow 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 Lavers – 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	from the data format dropdown at the basket stage	
	for GIS) & give your order a reference in the	(as shown below).	
	field provided if required & click Submit	Informatted   avers – to order OS Data in the same	
13	Accept terms & conditions (for each man) &	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 -	
14.	Following payment, return to Stanfords Portal	at the basket stage.	
15.	Click "My Account" (top right)	-	
16.	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 flie 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 to follow	System tools / icons / Tips
<ol> <li>Enter username &amp; password at homepage</li> <li>Enter postcode in Choose an Area field &amp; click search</li> </ol>	Pan/Zoom in & Out. Zoom out to view order area after entering grid coordinates –
<ol> <li>Choose your site centre from address list belo the map window</li> </ol>	w 😥
<ul> <li>4. For CAD Data - Select Map &amp; Height Data for CAD/Vectorworks (top right) &amp; OS MasterMap vector (with or without Preview) from the product choice displayed &amp; accept the view charge if required; or</li> </ul>	Define Box Coordinates –
<ol> <li>For GIS Data – Select Map &amp; Height Data for GIS &amp; OS MasterMap vector (with or without</li> </ol>	8. Wherever you hover the mouse button over the
Preview) for GIS output formats. 6. Choose 'User Defined Area' below the map window	map window, the corresponding OS National Grid coordinates are displayed at the bottom of the mapping. You can therefore pan around your area
7. Click the Define Box Coordinates icon	of interest & note the required top left & bottom right coordinates to create your order area.
<ol> <li>(See opposite). Enter the top left &amp; bottom righ Easting &amp; Northing coordinates in the fields provided.</li> </ol>	Move Order Area –
<ol> <li>If required, adjust the position of the yellow bo by clicking the Move the Order Area button &amp; drag &amp; drop the yellow box</li> </ol>	X Delete Order Area –
<ol> <li>When the yellow box is positioned as required check "Select to Order" to obtain a price &amp; Add to Baskot</li> </ol>	
<ol> <li>Click the Search tab &amp; repeat as above if you want to order data for another site or Go to Basket to complete your order.</li> </ol>	Stanfords offer two versions of OS MasterMap data for CAD (DXF/DWG):
<ul> <li>12. In the Basket choose either DWG/DXF</li> <li>Formatted Layers or Unformatted Layers from the Data format dropdown (or ESRI /MapInfo for GIS) &amp; give your order a reference in the field provided if required &amp; click Submit</li> </ul>	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).
<ol> <li>Accept terms &amp; conditions (for each map) &amp; click "Pay Using WorldPay" or "Pay by Invoice if you have a gradit account.</li> </ol>	" Unformatted Layers – to order OS Data in the same file format available since 2008 from Stanfords (with layer codes assigned from IZ00000001 onwards to
<ul> <li>14. Following payment, return to Stanfords Portal</li> <li>15. Click "My Account" (top right)</li> <li>16. Select "Order History" from the menu displaye</li> <li>17. Select "Click for Order Details" next to your order number</li> </ul>	layer codes assigned from 1100000001 onwards to layers present in the data) choose dwg or dxf - unformatted layers from the data format dropdown at the basket stage.
<ol> <li>Click the orange download button &amp; save your map file to your PC. Double click the zip file &amp; open the DXF/DWG or GIS file.</li> </ol>	



### Order OS MasterMap Vector – Draw Square box

[	Steps to 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	dimensions –
	0.	below the map window	<b>A</b>
	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	Draw Order Area box –
		charge if required; or	
	5.	For GIS Data – Select Map & Height Data for	
		GIS & OS MasterMap vector (with or without	
	•	Preview) for GIS output formats.	Resize Order Area –
	6.	Choose 'User Defined Area' below the map	Sec. 2
	7	Window Zoom out in the map window to view a larger	رالكل ا
	7.	area & click the Draw Order Area Box icon	
	8.	Click on the mapping & hold down the left	Move Order Area –
	•	mouse button. Move the mouse up/down to	
		increase/decrease the order area size & move	
		the mouse left or right to rotate the order.	Delete Order Area –
	9.	If required, adjust the position of the yellow box	100 4
		by clicking the Move the Order area button &	15th
		drag & drop the yellow box	3-25 C
	10.	When the yellow box is positioned as required	
		check "Select to Order" to obtain a price & Add	Stanfords offer two versions of OS
	11	In the Basket choose either DWG/DXF	MasterMap data for CAD (DXF/DWG):
		Formatted Lavers or Unformatted Lavers from	Formatted Lawers to order OC data with
		the Data format dropdown (or ESRI /MapInfo	standardised Laver 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).
	10	If you have a credit account	Unformatted Lavers – to order OS Data in
	13.	Click "My Account" (top right)	the same file format available since 2008
	14.	Select "Order History" from the menu displayed	from Stanfords (with layer codes assigned
	16	Select "Click for Order Details" next to your	in the data) choose dwg or dxf - unformatted
		order number	layers from the data format dropdown at the
	17.	Click the orange download button & save your	basket stage.
		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	System tools / icons / Tips			
<ul> <li>Steps to follow</li> <li>System tools / icons / Tips</li> <li>Complete the registration form &amp; payment via Stanfords Portal homepage or if already registered enter username &amp; password at homepage</li> <li>Click the dropdown arrow under Choose an area &amp; select Define Area by ESRI Shapefile</li> <li>Click the dropdown arrow under Choose an area &amp; select Define Area by ESRI Shapefile</li> <li>Click the Site Centre button displayed, click OK.</li> <li>Click the Site Centre button displayed below the map window.</li> <li>For CAD Data - Select Map &amp; Height Data for CAD/Vectorworks (top right) &amp; OS MasterMap vector (with or without Preview) from the product choice displayed &amp; accept the view charge if required; or GIS &amp; OS MasterMap vector (with or without Preview) for GIS output formats.</li> <li>Select User Defined Area below the map window, tick the adjacent box in the Select to Order column to generate a price &amp; then Add to Basket &amp; Go to Basket.</li> <li>In the Basket choose either DWG/DXF Formatted Layers or Unformatted Layers from the Data format dropdown (or ESRI //MapInfo for GIS) &amp; give your order a reference in the field provided if required &amp; click Submit</li> <li>Accept terms &amp; conditions (for each map) &amp; click "My Account" (top right)</li> <li>Select "Order History" from the menu displayed</li> <li>Select "Click for Order Details" next to your order number</li> <li>Click the orange download button &amp; save your map file to your PC. Double click the zip file &amp; open the DXF/DWG or GIS file.</li> </ul>	a: a: a: a: a: a: a: a: a: a:			

