

LocalMaps v2.3.2 and v3.1 Functionality Matrix

Eagle technology's [LocalMaps](#) is a powerful web-based solution for organising, viewing, querying, and reporting on your organisation's spatial data. Highly regarded for its intuitive user interface, flexible configuration options, and strong user community, LocalMaps offers a reliable and proven solution that meets the needs of diverse industries and organisations. It is software that can be deployed on Windows, on-premises or on cloud infrastructure, and can be connected to existing databases (SQL Server, MySQL, and more). LocalMaps fits all your internal and/or public facing Web GIS needs.

This functionality matrix features the vast and diverse capabilities in the new version of LocalMaps (3.1) built using experience builder platform compared to previous version (2.3.2) built using web app-builder. With this, you can identify which widgets, capabilities, and features are part of v3.1 release and what's coming up in the future releases. Here is a link to the demo instance – [LocalMaps v3.1 Demo](#)

High Level Comparison

#	Component	Feature	2.3.2	3.1	Notes
1	Administration - Connection	Data sources	✓	✓	Partially on par with v2. Full parity in v3.2
2	Administration - Configuration	Reporting	✓	✓	Partially on par with v2. Full parity in v3.2
3	Administration - Configuration	Feature query	✓	✓	
4	Administration - Configuration	Search	✓	✓	
5	Administration - Configuration	Social Logins	✓	✓	
6	Administration - Configuration	Security	✓	✓	
7	Administration - Configuration	Print	✓	✓	
8	Administration - Configuration	Viewer	✓	✓	
9	Administration - Configuration	Gallery	✓	✓	
10	Administration - Configuration	Settings	✓	✓	Comes with a fresh design
11	Administration - Info	Logs	✓	✓	Enhanced
12	Administration - Info	Analytics	✓	✗	Planned for 3.3
13	Administration - Configuration	Query Parameters	✓	✗	Planned for 3.2
14	Administration - Configuration	RAMM	✓	✗	Planned for 3.2
15	Administration - Configuration	IoT	✓	✗	Planned for 3.2

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#	Component	Feature	2.3.2	3.1	Notes	
16	Administration - Connection	Workflow	✓	✗	No plans as of now.	
17	Gallery	Header	✓	✓	Comes with a fresh design	
18	Gallery	Main content space	✓	✓		
19	Gallery	Footer	✓	✓		
20	Viewer Widget	About	✓	✓	Comes in a user-friendly design	
21	Viewer Widget	Switch Map	✓	✓		
22	Viewer Widget	Draw/Measure	✓	✓		
23	Viewer Widget	Basemap	✓	✓		
24	Viewer Widget	Print	✓	✓		
25	Viewer Widget	Search	✓	✓		
26	Viewer Widget	Zoom	✓	✓		
27	Viewer Widget	Home	✓	✓		
28	Viewer Widget	Zoom to point	✓	✓		Enhanced
29	Viewer Widget	Layer List	✓	✓		
30	Viewer Widget	Legend	✓	✓		
31	Viewer Widget	Map Widget	✓	✓		
32	Viewer Widget	Splash Screen	✓	✓		
33	Viewer Widget	Add Data	✓	✓		
34	Viewer Widget	Attribute Table	✓	✓		
35	Viewer Widget	Elevation Profile	✓	✓		
36	Viewer Widget	Extent	✓	✓		
37	Viewer Widget	My Location	✓	✓		
38	Viewer Widget	Popup Panel – Attachments	✓	✓		
39	Viewer Widget	Popup Panel – Feature Queries	✓	✓		
40	Viewer Widget	Generate Report	✓	✓	Enhanced	
41	Viewer Widget	Save	✓	✓	Enhanced	
42	Viewer Widget	Select	✓	✓		

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#	Component	Feature	2.3.2	3.1	Notes
43	Viewer Widget	Share	✓	✓	Enhanced
44	Viewer Widget	Bookmarks	✓	✓	
45	Viewer Widget	Map Scale	✓	✓	
46	Viewer functionality	Pop-up Panel	✓	✓	

Detailed comparison between v2 and v3

#	Component\Feature	Sub Features	2.3.2	3.1	3.2
1	Administration - Datasources	Admin portal	✓	✓	
2	Administration - Datasources	ArcGIS Online/Portal Authentication	✓	✓	
3	Administration - Datasources	Configure Public ArcGIS Server Datasources	✓	✗	Planned
4	Administration - Datasources	Configure Secure ArcGIS Server Datasources	✓	✓	
5	Administration - Datasources	Configure Secure ArcGIS Enterprise Datasources	✓	✓	
6	Administration - Datasources	Configure Public ArcGIS Online Datasources (hosted feature services)	✓	✓	
7	Administration - Datasources	Configure Secure ArcGIS Online Datasources (hosted feature services)	✓	✓	
8	Administration - Datasources	Configure SQL Server database Datasources	✓	✓	
9	Administration - Datasources	Configure MySQL database Datasources	✓	✓	
10	Administration - Datasources	Configure PostGres database Datasources	✓	✓	
11	Administration - Datasources	Configure Oracle database Datasources	✓	✓	
12	Administration - Datasources	Configure Hilltop Server IoT Datasources	✓	✗	Planned
13	Administration - Datasources	Configure SOS (Sensor Observation Service) IoT Datasources	✓	✗	Planned
14	Administration - Gallery	Configure about text	✓	✓	
15	Administration - Gallery	Set up and order categories (utilises Tags)	✓	✓	
16	Administration - Gallery	Configure Links and Text	✓	✓	
17	Administration - Gallery	Update Style/Theme/Logos	✓	✓	
18	Administration - Gallery	Define viewer logo height	✓	✗	Planned
19	Administration - Gallery	Font	✓	✓	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
20	Administration - Gallery	Pre-defined theme	-	✓ (New)	
21	Administration - Gallery	Feedback collection/information configuration	-	✓ (New)	
22	Administration - Gallery	Notification banner	-	✓ (New)	
23	Administration - Gallery	Hero image	-	✓ (New)	
24	Administration - Gallery	Content/Item card configuration	-	✓ (New)	
25	Administration - Maps & Apps	Configure widgets per map	✓	✓	
26	Administration - Maps & Apps	Set feature map images	✓	X	
27	Administration - Maps & Apps	Use maps in ArcGIS Enterprise Sites	✓	X	
28	Administration - Maps & Apps	Order appearance of widgets in the map	✓	✓	
29	Administration - Maps & Apps	Configure Print Templates per map	✓	✓	
30	Administration - Maps & Apps	Configure Print Formats per map	✓	✓	
31	Administration - Maps & Apps	Configure type ahead searches	✓	✓	
32	Administration - Maps & Apps	Configure hover on search	✓	X	
33	Administration - Maps & Apps	Configure search checkboxes	✓	✓	
34	Administration - Maps & Apps	Assign Multi map / table reports per map	✓	✓	
35	Administration - Maps & Apps	Assign feature queries to layers	✓	✓	
36	Administration - Maps & Apps	Assign widgets to open on map launch	✓	✓	
37	Administration - Maps & Apps	Enable Advanced Select per map	✓	X	
38	Administration - Maps & Apps	Order appearance of feature queries in popup	✓	X	Planned
39	Administration - Maps & Apps	Assign Add Data Groups per map	✓	✓	
40	Administration - Maps & Apps	Enable Splash Screen per map	✓	✓	
41	Administration - Maps & Apps	Workflow	✓	X	
42	Administration - Query Parameters	Configure Query parameters	✓	X	Planned
43	Administration - Feature Queries	Configure Database feature queries	✓	✓	
44	Administration - Feature Queries	Configure Spatial feature queries	✓	✓	
45	Administration - Feature Queries	Configure Layer queries (i.e to hosted feature layers and tables)	✓	✓	
46	Administration - Feature Queries	Build smart hyperlinks for feature queries	✓	✓	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
47	Administration - RAMM	Register a RAMM Service	✓	✗	Planned
48	Administration - RAMM	Configure RAMM Hosted Feature Layer	✓	✗	Planned
49	Administration - RAMM	Define Sync Interval	✓	✗	Planned
50	Administration - IoT Layers (Hilltop)	Create IoT Layers from hilltop sites (creates an ArcGIS Hosted feature layer)	✓	✗	Planned
51	Administration - IoT Layers (Hilltop)	Create IoT Layers from SOS sites (creates an ArcGIS Hosted feature layer)	✓	✗	Planned
52	Administration - IoT Layers (Hilltop)	Add sites to IoT Layers	✓	✗	Planned
53	Administration - IoT Layers (Hilltop)	Create or import limits for site symbology	✓	✗	Planned
54	Administration - Reporting	Upload and configure reporting templates	✓	✗	Planned
55	Administration - Reporting	Configure report fonts	✓	✓	
56	Administration - Reporting	Configure report queries	✓	✓	
57	Administration - Reporting	Add multiple maps, tables, and text elements to a report template	✓	✓	
58	Administration - Reporting	Format reports tables and text	✓	✓	
59	Administration - Reporting	Support for vector basemaps	✓	✗	
60	Administration - Reporting	Create conditional text elements	✓	✗	Planned
61	Administration - Reporting	Create conditional reports	✓	✗	Planned
62	Administration - Reporting	Include XY's in a report	✓	✗	Planned
63	Administration - Reporting	Generate reports as Word document	✓	✓	
64	Administration - Reporting	Generate reports as a PDF document	✓	✓	
65	Administration - Reporting	Generate reports based on a buffered area	✓	✗	
66	Administration - Report	Layout service	-	✓ (New)	
67	Administration - Report	Print service	-	✓ (New)	
68	Administration - Report	Webhooks	-	✗	Planned
69	Administration - Report	Generated report expiration time	-	✓ (New)	
70	Administration - Report	Dynamic file naming through field names	-	✓ (New)	
71	Administration - Viewer	Custom elevation service	-	✓ (New)	
72	Administration - Security	Require authentication to view the content	✓	✓	
73	Administration - Security	Custom admin role configuration	-	✓ (New)	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
74	Administration - Security	Configure Microsoft login	-	✓ (New)	
75	Administration - Security	Configure social logins for LocalMaps (Facebook, Google)	✓	✓	
76	Administration - Searches	Configure search sources (Query / Locator)	✓	✓	
77	Administration - Searches	Show results in popup	✓	✓	
78	Administration - Searches	Set default searches	✓	✓	
79	Administration - Searches	Enable search suggestions	✓	✓	
80	Administration - Searches	Define number of search suggestions	✓	✓	
81	Administration - Searches	Enable exact match	✓	✗	
82	Administration - Searches	Search against multiple fields within a layer or database	✓	✗	
83	Administration - Analytics	Configure a custom popup	✓	✗	Planned
84	Administration - Analytics	Map views	✓	✗	Planned
85	Administration - Analytics	Widget Loads per map	✓	✗	Planned
86	Administration - Analytics	Map details	✓	✗	Planned
87	Administration - Analytics	User usage	✓	✗	Planned
88	Administration - Settings	Load defaults services (Print Task / Geometry service)	✓	✓	
89	Administration - Settings	Set LocalMaps Group	✓	✓	
90	Administration - Settings	Set LocalMaps Report Maps Group	✓	✓	
91	Administration - Settings	Set ArcGIS Geometry Service	✓	✓	
92	Administration - Settings	Set Default Map Sort	✓	✗	
93	Administration - Settings	Set Address Layer (for Mail List Widget)	✓	✗	
94	Administration - Settings	Set Basemap Group	✓	✓	
95	Administration - Settings	Set Add Data Group	✓	✓	
96	Administration - Settings	Enable Popup Side panel	✓	✓	
97	Administration - Settings	Enable Splash Screen	✓	✓	
98	Administration - Settings	Set Splash screen confirmation text	✓	✓	
99	Administration - Settings	Set Print Task	✓	✓	
100	Administration - Settings	Set Print Layout	✓	✓	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
101	Administration - Settings	Select item types to be displayed in the Gallery	✓	✓	
102	Administration - Error Logs	View Error logs	✓	✓	
103	Administration - Error Logs	Export Logs	-	✓ (New)	
104	Administration - Error Logs	Filter based on date/time	-	✓ (New)	
105	Administration - Error Logs	Filter based on the logs	-	✓ (New)	
106	Administration - Error Logs	Refresh logs	✓	✓	
107	Administration - Error Logs	Clear logs	✓	X	
108	Gallery - Gallery	Gallery View	✓	✓	
109	Gallery - Gallery	Categorise maps	✓	✓	
110	Gallery - Gallery	Map searching on titles/tags	✓	✓	
111	Gallery - Gallery	View map and layer metadata	✓	✓	
112	Gallery - Gallery	Login with Social Login (Facebook, Google)	✓	✓	
113	Gallery - Gallery	Login with ArcGIS Named user	✓	✓	
114	Gallery - Gallery	Login Using IWA	✓	X	
115	Gallery - Gallery	Login using SAML	✓	✓	
116	Gallery - Gallery	Access secure group content (ArcGIS Users)	✓	✓	
117	Gallery - Gallery	Access favourited maps	✓	✓	
118	Gallery - Gallery	Access saved maps	✓	✓	
119	Gallery -Gallery	Footer Link	✓	✓	
120	Gallery -Gallery	Footer text	-	✓ (New)	
121	Gallery -Gallery	Footer images	-	✓ (New)	
122	Gallery -Gallery	Shielded site	-	✓ (New)	
123	Gallery -Info icon	About text, version information and link to user guide	-	✓ (New)	
124	Gallery -Gallery	Hide categories/Filter	-	✓ (New)	
125	Gallery -Gallery	Configure content card view	✓	✓	
126	Gallery -Gallery	Sort Content	✓	✓	
127	Gallery -Gallery	Feedback/information icon at the bottom	-	✓ (New)	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
128	Gallery -Login	User Profile settings	-	✓ (New)	
129	Viewer - Webmap	Type ahead searches	✓	✓	
130	Viewer - Webmap	Allow query parameters in URL, e.g. property_id	✓	X	Planned
131	Viewer - Webmap	View attachments in popup e.g images	✓	✓	
132	Viewer - Webmap	Moveable popups	✓	X	
133	Viewer - About	Set about text for a map	✓	✓	
134	Viewer - Basemap Gallery	Access to free NZ Basemaps	✓	✓	
135	Viewer - Draw/Measure	Add Point	✓	✓	
136	Viewer - Draw/Measure	Add Text	✓	✓	
137	Viewer - Draw/Measure	Add Circle	✓	✓	
138	Viewer - Draw/Measure	Add Line	✓	✓	
139	Viewer - Draw/Measure	Add Polyline	✓	✓	
140	Viewer - Draw/Measure	Add freehand polyline	✓	✓	
141	Viewer - Draw/Measure	Add Rectangle	✓	✓	
142	Viewer - Draw/Measure	Add Triangle	✓	X	
143	Viewer - Draw/Measure	Add Ellipses	✓	X	
144	Viewer - Draw/Measure	Add Polygon	✓	✓	
145	Viewer - Draw/Measure	Add freehand polygon	✓	✓	
146	Viewer - Draw/Measure	Buffer a drawing	✓	X	
147	Viewer - Draw/Measure	Show co-ordinates (NZTM, NZMG, WGS84)	✓	✓	
148	Viewer - Draw/Measure	Change Text colour and font	✓	✓	
149	Viewer - Draw/Measure	Edit drawing	✓	✓	
150	Viewer - Draw/Measure	Move drawing	✓	✓	
151	Viewer - Draw/Measure	Rotate / Scale drawing	✓	✓	
152	Viewer - Draw/Measure	Show total line measurement (distance)	✓	✓	
153	Viewer - Draw/Measure	Show line segment lengths	✓	✓	
154	Viewer - Draw/Measure	Show line bearing	✓	✓	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
155	Viewer - Draw/Measure	Set fixed line length	✓	✓	
156	Viewer - Draw/Measure	Set distance units	✓	✓	
157	Viewer - Draw/Measure	Show polygon measurement (Area, perimeter)	✓	✓	
158	Viewer - Draw/Measure	Show polygon segment lengths	✓	✓	
159	Viewer - Draw/Measure	Set area units	✓	✓	
160	Viewer - Draw/Measure	Export drawing (GeoJSON)	✓	✓	
161	Viewer - Draw/Measure	Export drawing (GPX)	✓	✓	
162	Viewer - Draw/Measure	Export drawing (KMZ)	✓	✓	
163	Viewer - Elevation	Drawn Line to generate profile	✓	✓	
164	Viewer - Elevation	Use Line feature to generate profile	✓	✓	
165	Viewer - Popups	Generate Report	✓	✓	
166	Viewer - Popups	Report status	-	✓ (New)	
167	Viewer - Popups	Add Marker	✓	X	
168	Viewer - Popups	View in Attribute table	✓	✓	
169	Viewer - Popups	Pan to feature	✓	X	
170	Viewer - Popups	View Related records	✓	X	
171	Viewer - Popups	View feature queries	✓	✓	
172	Viewer - Popups	View attachments e.g Images	✓	✓	
173	Viewer - Legend	Legend	✓	✓	
174	Viewer - Layers	Control Visibility	✓	✓	
175	Viewer - Layers	Control Transparency	✓	✓	
176	Viewer - Layers	Filter layer List	✓	✓	
177	Viewer - Layers	View Layer metadata	✓	✓	
178	Viewer - Layer list	Filter features through Pop-up	-	✓ (New)	
179	Viewer - Layer list	Export features through pop-up	-	✓ (New)	
180	Viewer - Layer list	Statistics	-	✓ (New)	
181	Viewer - Add Data	Add data from ArcGIS Online Group	✓	✓	

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#	Component\Feature	Sub Features	2.3.2	3.1	3.2
182	Viewer - Add Data	Add data from URL	✓	✓	
183	Viewer - Add Data	Add data from File (GPX, Shapefile, GeoJSON, KML and CSV)	✓	✓	
184	Viewer - Print	Print to PDF, Image etc.	✓	✓	
185	Viewer - Print	Preserve Map Scale/Extent option	✓	✓	
186	Viewer - Print	Include legend	✓	✓	
187	Viewer - Print	Define legend items to include	✓	✓	
188	Viewer - Print	Set DPI	✓	✓	
189	Viewer -Print	Set scale	-	✓ (New)	
190	Viewer -Print	Author	-	✓ (New)	
191	Viewer -Print	Copyright	-	✓ (New)	
192	Viewer -Print	North Arrow	-	✓ (New)	
193	Viewer -Print	Map only	-	✓ (New)	
194	Viewer - Save	Save Extent	✓	✓	
195	Viewer - Save	Save Graphics	✓	✓	
196	Viewer - Save	Save layer visibility	✓	✓	
197	Viewer - Save	Share saved map	✓	✓	
198	Viewer - Save	Update saved map	✓	✓	
199	Viewer - Save	Make saved map private	✓	✓	
200	Viewer - Save	Log out	✓	X	
201	Viewer - Save	Make saved map public	✓	✓	
202	Viewer - Search	Type-ahead search	✓	✓	
203	Viewer - Search	Search on hover	✓	✓	
204	Viewer - Search	Tick searches on or off	✓	X	
#	Component\Feature	Sub Features	2.3.2	3.1	3.2

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205	Viewer - Select	Select by Attribute	✓	✓	
206	Viewer - Select	Select by Feature	✓	✓	
207	Viewer - Select	Select by Polygon	✓	✓	
208	Viewer - Select	Select by Circle	✓	✓	
209	Viewer - Select	Select by Line	✓	✓	
210	Viewer - Select	Select by Rectangle	✓	✓	
211	Viewer - Select	Zoom to selection	✓	✓	
212	Viewer - Select	Pan to selection	✓	✓	
213	Viewer - Select	Export to CSV	✓	✓	
214	Viewer - Select	Export to feature collection	✓	✓	
215	Viewer - Select	Export to GeoJSON	✓	✓	
216	Viewer - Select	Export to Shapefile	✓	✗	
217	Viewer - Select	Export to GPX	✓	✓	
218	Viewer - Select	Generate report from selection	✓	✗	
219	Viewer - Select	Buffer selection	✓	✗	
220	Viewer - Select	Clear Selection	✓	✓	
221	Viewer - Select	Summary statistics	✓	✓	
222	Viewer - Select	Create layer from selection	✓	✗	
223	Viewer - Select	Add to selection	✓	✗	
224	Viewer - Share	URL Link	✓	✓	
225	Viewer - Share	Facebook	✓	✓	
226	Viewer - Share	Twitter	✓	✓	
227	Viewer - Share	Google+	✓	✗	
228	Viewer - Share	Mail	✓	✓	
229	Viewer - Share	Embed app in website	✓	✓	
230	Viewer - Share	Share with current map extent	✓	✓	
#	Component\Feature	Sub Features	2.3.2	3.1	3.2
231	Viewer - Share	Share with defined zoom level	✓	✓	

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232	Viewer - Share	Share with defined scale	✓	✓	
233	Viewer - Share	Share map and zoom to feature	✓	X	
234	Viewer - Share	Share map with marker	✓	X	
235	Viewer - Share	Shortcut to copy the embed code button	-	✓ (New)	
236	Viewer - Share	Shortcut to copy the URL button	-	✓ (New)	
237	Viewer - Share	Shortcut to share through LinkedIn	-	✓ (New)	
238	Viewer - Share	Shortcut to Preview the link	-	✓ (New)	
239	Viewer - Bookmark	Use bookmarks from an ArcGIS Webmap	✓	✓	
240	Viewer - Bookmark	Add bookmark to current view	✓	✓	
241	Viewer - Switch Web Map	Change to another map	✓	✓	
242	Viewer - Switch Web Map	Filter maps	✓	✓	
243	Viewer - Switch Web Map	Switch Map reset	✓	X	
244	Viewer - Zoom to Point	NZTM	✓	✓	
245	Viewer - Zoom to Point	NZMG	✓	✓	
246	Viewer - Zoom to Point	WGS84 Decimal Degrees lat-long	✓	✓	
247	Viewer - Zoom to Point	WGS84 Degrees Minutes Seconds	✓	✓	
248	Viewer - Zoom to Point	Convert co-ordinates	✓	✓	
249	Viewer - Zoom to Point	Copy co-ordinates to clipboard	✓	✓	
250	Viewer - Zoom to point	WGS84 Degrees Minutes and Seconds	-	✓ (New)	
251	Viewer - Mail list	Create mailing list based on selection	✓	X	
252	Viewer - Mail list	Download as PDF or CSV	✓	X	
253	Viewer - Workflow	Run Geocortex Workflows in LocalMaps	✓	X	
254	Viewer - Basemap	Switch the appearance style	-	✓ (New)	
255	Viewer - Attribute table	Search features	-	✓ (New)	
256	Viewer - Attribute table	Refresh	✓	✓	
#	Component\Feature	Sub Features	2.3.2	3.1	3.2
257	Viewer - Attribute table	Show/hide columns	✓	✓	
258	Viewer - Attribute table	Filter data	✓	✓	

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259	Viewer - Attribute table	Statistics	-	✓ (New)	
260	Viewer - Attribute table	Zoom to selection	✓	✓	
261	Viewer - Attribute table	Pan to selection	-	✓ (New)	
262	Viewer - Attribute table	View in Attribute table	-	✓ (New)	
263	Viewer - Attribute table	Export to CSV	✓	✓	
264	Viewer - Attribute table	Export to GeoJSON	-	✓ (New)	
265	Viewer - Attribute table	Export to JSON	-	✓ (New)	
266	Viewer - Attribute table	Sort field	✓	✓	
267	Viewer - Attribute table	Select feature	✓	✓	
268	Viewer - Attribute table	Export selection to feature collection	-	✓ (New)	
269	Viewer - Attribute table	Export selected data to GPX	-	✓ (New)	
270	Viewer - Attribute table	Export selected data to KMZ	-	✓ (New)	
271	Viewer - Attribute table	Filter by map extent	✓	X	

For any enquiries or clarifications, drop a note to localmaps@eagle.co.nz and we will get in touch with you.

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