

# HxGN Content Program

## Orthophoto Specifications



Products			
<b>Resolution</b>	<b>6 in (15 cm)</b>		<b>12 in (30 cm)</b>
<b>Accuracy Specification</b>	RMSE <sub>x/y</sub> = 0.50 m RMSE <sub>r</sub> = 0.71 m CE90 = 1.07 m CE95 = 1.22 m		RMSE <sub>x/y</sub> = 1.2 m RMSE <sub>r</sub> = 1.7 m CE90 = 2.6 m CE95 = 3.0 m
Delivery			
<b>Method</b>	<b>Webstore Download</b>	<b>Web Streaming</b>	<b>Custom Order</b>
<b>Protocols</b>	N/A	OGC WMS / WMTS ArcGIS REST/SOAP	N/A
<b>Order Area</b>	1) Viewer AOI 2) Shapefile <no holes allowed>	Licensed by geofenced areas (Zones) - the default Zone equals a Country.	1) Large corridor 2) Orders bigger than webstore online delivery (~100GB), and/or custom projections/formats
<b>Format</b>	GeoTIFF, TIFF, JPG, PNG	JPG, PNG, GIF	GeoTIFF
<b>Coordinate Reference System</b>	NAD 1983-2011-StatePlane- <State> both ft/m WGS84 - UTM Zone <#> (native and adjacent zones) NAD83 (2011) - UTM Zone <#> (native and adjacent zones)	Dynamically projected on-the-fly based on the application's request. A list is retrieved by applications using the "request=GetCapabilities" call to the streaming endpoint URL.	NAD83 (2011) - UTM Zone <#> (native only)  Additional coordinate reference systems available upon request.
<b>Delivery Time Frame</b>	Immediate	Immediate	1 to 4 weeks based on the specifications, order size and vintage
<b>Minimum Order</b>	Based on web store minimum	Single user licence	Minimum may apply
<b>Comments</b>	Native UTM Zone is the UTM majority zone used for processing the data. Two sets of 3-band delivered, 1 set of RGB, and one set of CIR.	As of today, it is around 475 variations of CRS supported.	Delivery is a single 4 band product. Additional coordinate reference systems available upon request.