OneAtlas: Living Library

OneAtlas is Airbus' geospatial platform that provides access to multi-resolution, multi-source satellite imagery archive, tasking, processing, analytics and a global basemap.

Access to over 16 billion km² of 30cm, 50cm and 1.5m data
SPOT: 1.5m resolution / 60km swath
Pléiades: 50cm resolution / 20km swath
Pléiades Neo: 30cm resolution / 14km swath

Living Library

Flexible access to Airbus' optical satellite imagery archive

Subscribe to the Living Library service to access a curated archive of the best optical 30cm, 50cm and 1.5m resolution data available for instant streaming or download and utilize the extended archive to access a richer history of data. Curated data in the Living Library has a lower incidence angle and minimal cloud cover while providing the ability to instantly stream and download this data from the interface. The extended archive includes a deeper archive that is available to warm-up and host in your OneAtlas account. Data is delivered to your OneAtlas My Data workspace and can be streamed or downloaded directly from there.

The difference between imagery in the Living Library versus the extended archive

	30cm	50cm	1.5m
Living Library	• Up to 2% cloud cover • 30° incidence angle • < 18 months old	• Up to 15% cloud cover • 30° incidence angle • < 18 months old	• 0% cloud cover • 25° incidence angle • <18 months old
	Min. download order: 0.1 km² | Download: ≤ 48 hours SLO | SLI*: within 45 mins		
Extended Archive	Access to the entire SPOT, Pléiades, and Pléiades Neo catalogs dating back to 2012		
	Min. download order: 5 km²	Min. download order: 1 km²	
	Download: 48 hours SLO | SLI*: within 18 hours		

*SLI is for 95% of 2023 requests

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Features and Benefits

- Instant access to stream full resolution data
- Curated, best-of-the best imagery available 24/7
- Stream or download only what you need, as low as 0.1 km^2
- Full access to the extended archive – over 16 billion km^2 of 30cm, 50cm and 1.5m data available, and growing
- Scalable pricing: start with a budget-friendly option, and scale as your organization grows
- In OneAtlas, zoom to level 14 without being charged (9.5m resolution)
- Users are only charged for the maximum zoom level used during a session

30cm image over the CN Tower and Aquarium in Toronto, Canada

Flexible formats via download and streaming are available.

Download					
Geometric processing	**Spectral Band Combination 4-band* / 6-band***	**Pixel depth**	**Radiometric processing**	**Format**	**Projections**
Orthorectified	Bundle	16 bits	Reflectance	JPEG2000/ GeoTIFF	Geographic (WGS 84) UTM WGS 84
	Bundle	8 bits	Display	JPEG2000/ GeoTIFF	
	Pansharpened	16 bits	Reflectance	JPEG2000/ GeoTIFF	
	Pansharpened	8 bits	Display	JPEG2000/ GeoTIFF	

*Pléiades Neo 30cm, Pléiades 50cm & SPOT 1.5m | ** Pléiades Neo 30cm data

Streaming					
Geometric processing	**Spectral Band Combination 4-band* / 6-band***	**Pixel depth**	**Radiometric processing**	**Format**	**Projections**
Orthorectified	Pansharpened	8 bits	Display	PNG	Geographic (WGS 84) WebMercator

Getting Started: Additional Resources

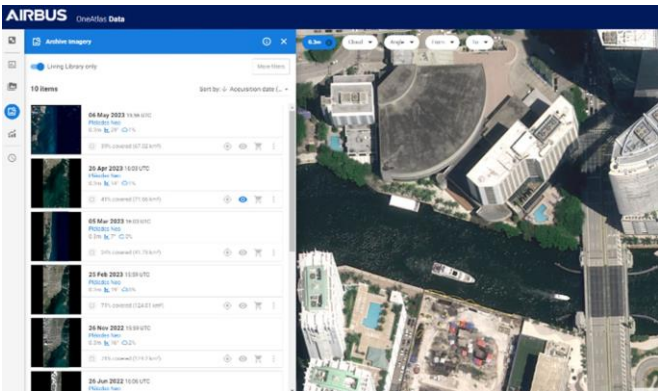### Content Preview Tool: See the archive coverage

View the coverage available in the Content Preview tool. Tool shows image footprints and metadata to see available coverage over your AOI. No account needed.

Free Trial for 30 Days

Get a 30-day free trial of the Living Library to see the full resolution imagery available over your AOI, right in the OneAtlas Data interface. Sign up and validation required.

Developer Portal

The Living Library also has an API that can be integrated into your workflows. More information can be found in our Developer Portal.

These additional resources (and more) can be found on our website here:

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