Use of McIDAS at EUMETSAT Data Centre

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The EUMETSAT Data Centre

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The EUMETSAT Data Centre

The Data Centre aims to:

- Guarantee a long-term preservation of data and generated products from EUMETSAT's meteorological satellites.

- Enable users to browse, make automated orders, and retrieve data from EUMETSAT's catalogue of products.

- Set up in 1995, the Data Centre has developed to become a state-of-the-art archive serving all EUMETSAT satellite programmes. With more than 200 meteorological satellite products available — in the case of Meteosat spanning a record of more than 30 years — the Data Centre offers one of Europe's largest and most comprehensive collections in this field.
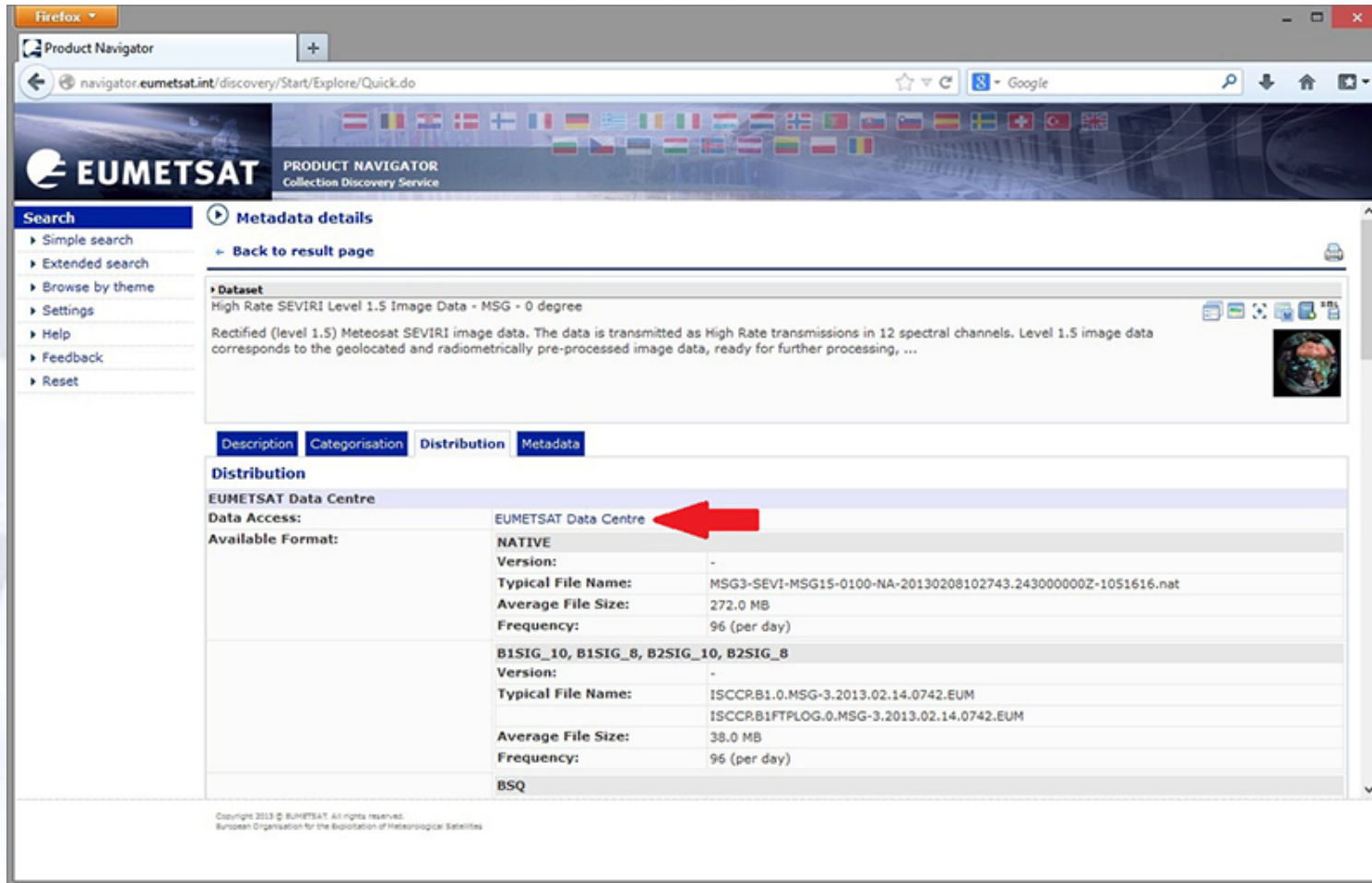
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How to Access Data from EUMETSAT

- To find out what type of Data you want, use the Product Navigator:

  Product Navigator URL: http://navigator.eumetsat.int

- To register for Data Access Services, users should create an account in the Earth Observation (EO) Portal and for ordering data from the Data Centre Archive, subscribe to the Data Centre Archive service.

- EO Portal URL: http://eoportal.eumetsat.int

- User guides, training slides and general information about the Data Centre can be founded under:

  http://www.eumetsat.int/website/home/Data/DataDelivery/EUMETSATDataCentre/index.html

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Product Navigator: EUMETSAT Product Catalogue

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EO Portal: User Registration and Subscription

The Data Centre Ordering Application can be found here:

Data Centre Ordering Application

Meteosat image data available in McIDAS format.

Meteorological products are available in BUFR, GRIB, HDF5, netCDF, CAP, etc… depending on the product

Planned EUMETSAT Developments with McIDAS

A generic secondary ADDE server framework is being developed to support access to more EUMETSAT products using McIDAS.

The goal of the framework is to reduce the technical knowledge needed to develop secondary servers. "Known" data sets can be accessed simply through a configuration process with minimal or no programming required.
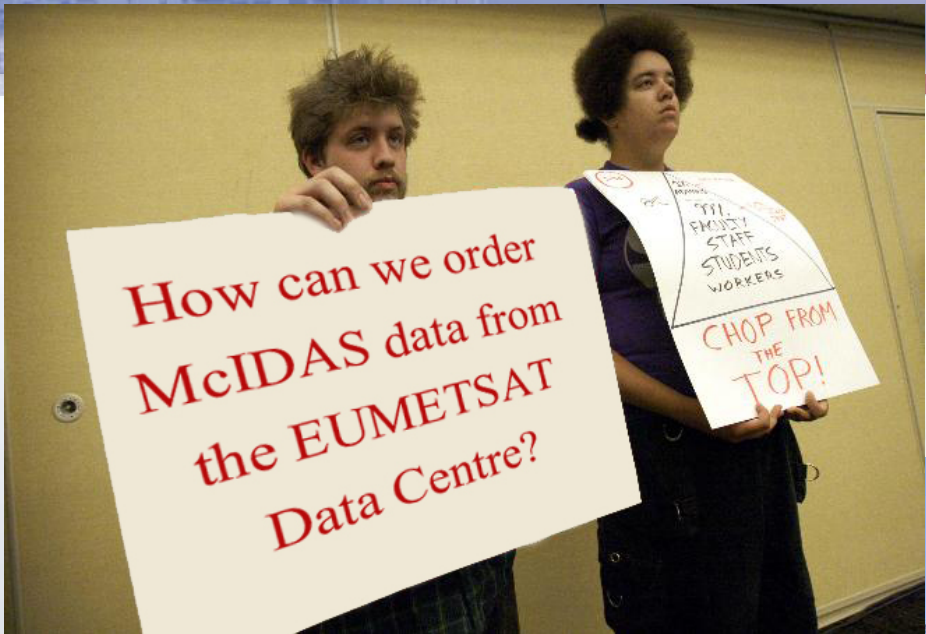
Initially the framework will support access to for EUMETSAT Polar System (Metop) products in the netCDF format with coordinate variables.

Expected availability in 2016.

Develop the EUMETSAT ADDE Service for use by the wider user community (currently, this is limited for EUMETSAT training courses).

How can we order McIDAS data from the EUMETSAT Data Centre?

Easier Access to All EUMETSAT Data !

We want More Satellite Data in McIDAS Format !

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End of Presentation

Thank you for your Attention, questions ?

EUMETSAT URLs:

http://www.eumetsat.int

http://eoportal.eumetsat.int

http://navigator.eumetsat.int

http://adde.eumetsat.int

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