



End user image access using OGC WMS/WCS standards

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The main purpose of the European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) is to deliver weather, climate and environment-related satellite data, images and products – 24 hours a day, 365 days a year. The EUMETSAT Image Gallery provides access to a selection of near-real-time imagery from Meteosat-9 and Meteosat-7, in geostationary orbits above 0 degrees and 57 degrees longitude respectively, as well as from Metop, orbiting the Earth around 14 times per day. The present implementation of the image gallery allows only access to pre-defined regions on earth with fixed image size. OGC services such as WMS/WCS allow a much more flexible approach for the visualisation and working with image data. Further to this those standards offer through it is interoperability the possibility to combine layers of image data from different WMS/WCS server. EUMETSAT has undertaken a study to offer this services also to their end users. Depending on usage and the acceptance of end users this service could be combined with the EUMETSAT Data Centre Ordering service, offering end users the option to order WMS/WCS data.