



EOC User Services

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EOC Systems for User Services

EOC user services are provided by EOIS/DDMS*

* NASDA Earth Observation data and Information System / Data Distribution and Management System

The main functions of the EOIS/DDMS are ;

- to exchange data and information with relevant agencies
- to archive satellite data
- to provide catalogue information and browse images
- to manage orders for satellite data
- to distribute satellite data





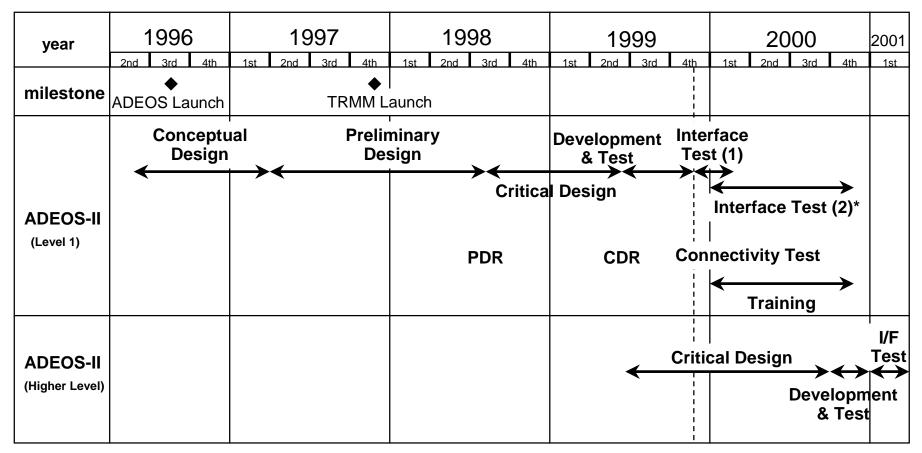
Development Status

- EOIS enhancements for ADEOS-II level 1 products are now in the operational performance test phase.
- EOIS enhancements for ADEOS-II higher level products are now in the software design phase.





EOIS Development Schedule



* : test between processing systems





User Services from EOIS

EOIS user services at EOC are categorized as ;

1. Catalogue information services

- Catalogue search
- Browse search
- Product Order

2. Off-line data distribution service (on media)

- Scene orders
- Standing orders

3. On-line data distribution service (via network)

- Graphical images (GIF data) on the WWW
- Standard products via the internet (selected according to size)
- Data transmission to relevant agencies





1. Catalogue Information

Data Ordering

- Users can submit orders for products identified in catalogue searches by the EUS

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Displa	Y
The public rea	a occass Browse dolts of ADEOS and TRIMI.
• Picto	te data public-presentation service
Data D	ownload
seeded for day	225 and TRHM observations is provided on-line. However, user registration is valueding. The <u>visualization (as) or Grout Verwar</u> utilizes HSF formet for the y of data is also required to view the downlanded data.
• 10150	Earth Observation Information System 3 Data Retrieve Service
Order	Information
To antierstand	the order methods of setellite data received in the DOC and a list of the media.

URL: <u>http://www.eoc.nasda.go.jp/catalogue/catalogue_e.html</u>





EUS

-What is EUS?

- EUS is the EOIS client used to retrieve catalogue and browse data, and to order products
- There are two types of EUS ;
 - EUS/GUI
 - EUS/WWW





Features of the EUS (1)



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EUS/GUI

- Application software for Windows 95 /98 /NT4.0

(Operation on Windows 2000 / Me are not confirmed yet)

- For PIs and designated agencies only
- User registration is necessary

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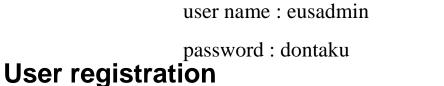


How to use EUS/GUI?

What is necessary before using the EUS? Software download

•EUS/GUI download is available from the following site;

•URL : http://www.eoc.nasda.go.jp/~eusadmin/homepage.html



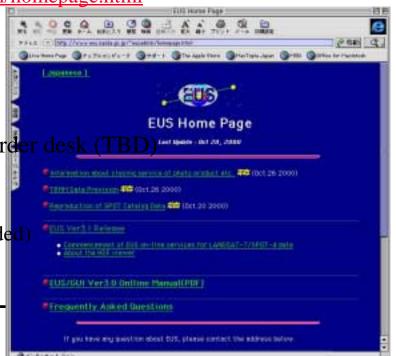
•Contact point for PIs will be set up at EORC order desk (TB

•Tentative contact point is as follows;

e-mail : orderdesk@eorc.nasda.go.jp (recommended)

Tel: +81-3-5561-8767 /Fax: +81-3-5561-9542

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Features of the EUS (2)

EUS/WWW Gateway

- Information service available via WWW browser software
- Catalogue search is available for all users
- Ordering interface is only for PIs (user registration is necessary)

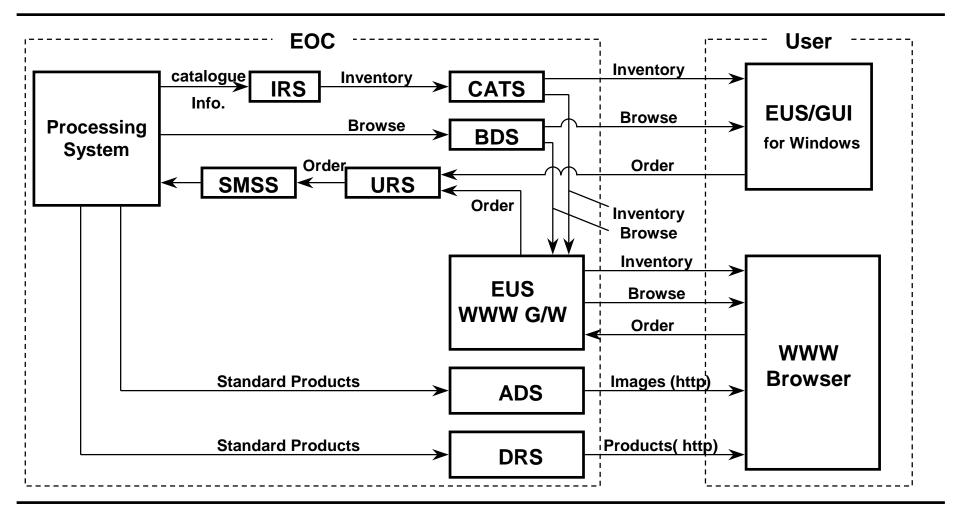
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Information Services Overview



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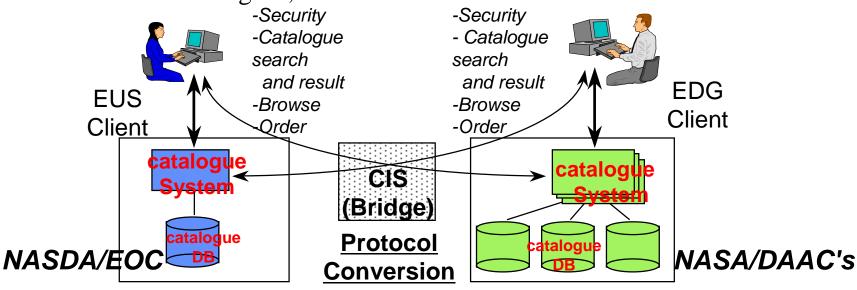




Other Information Service

Catalogue Interoperability with NASA

- NASDA and NASA will implement catalogue, browse and order interoperability for the ADEOS-II phase
- Both Japanese and U.S. PIs can search the ADEOS-II and other satellite catalogues, view browse and order data







2. Off-line Data Distribution

There are two methods of off-line data distribution

- 1. Standard product orders (Scene orders)
 - distribution of each products identified in catalogue searches
- 2. Standing orders
 - periodic distribution of products according to requirements submitted in advance





2. Off-line Data Distribution

2.1 Standard product orders (Scene orders)

- Products available : All standard products processed at the EOC
- Media : 8mm, CD-ROM, DLT
- Ordering : both on-line by EUS and off-line by FAX are available
- Format : NCSA-HDF
- Scene editing : will not be supported at the EOC





2. Off-line Data Distribution

2.2 Standing orders

- The following products, generated according to sensor observation plans, are available ;
 - AMSR Level 1A, 1B, 2, 3
 - GLI-1km Level 1A, 1B, 2A, 2, 3 Binned, 3 STA Map
 - GLI-250m Level 1A, 1B
- Distribution frequency : TBD (ex : 4 days, 16 days, 1 month)
- Media : 8mm, DLT
- Ordering : off-line by FAX only (contact point will be EORC order desk)
- Format : NCSA-HDF
- Scene editing : will not be supported at EOC
- This service is provided only to PIs and to the EORC





3. On-line Data Distribution

There are three services in on-line data distribution

- 1. Exhibition of graphical images on the WWW (ADS)
- 2. Distribution of standard products via the internet (DRS)
- 3. Data transmission to designated agencies

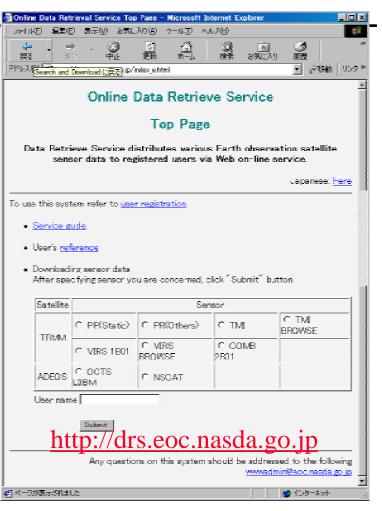




3. On-line Data Distribution (DRS)

Standard product distribution

- <u>DRS</u> The most recent 6 months (or more) of the following products will be available via the internet (http)
 - All of the <u>AMSR level 3</u> (daily/monthly) products
 - All of the <u>GLI-1km level 3 STA Map</u> products (except for NW, LA, K490, ST_DayNight)
 - These products were chosen according to their data volume and available bandwidth
 - This service will be available to all registered users, including PIs.
- <u>EUS</u> Designating the "on-line" option, EUS users will be able to receive <u>all standard products</u> via this interface (only for PIs)







3. On-line Data Distribution

Near real-time data transmission

- The following data processed at the EOC will be transmitted to the listed agencies immediately

-AMSR Level 1A: JPL/PO.DAAC	-GLI-1km Level 1B	: NOAA, JMA
-AMSR Level 1B: EORC, JMA	-GLI-1km Level 2	: EORC , JMA
-AMSR Level 2 : EORC , JMA , JAFIC	-GLI-1km Level 2 Map	: EORC , JMA , JAFIC

* Data transmission to the EORC

-GLI-1km level 1B data received at the EOC directly will be transmitted to the EORC until beginning the transmission to the JMA

-EORC users will be able to get other processed data according to their needs (On Demand Transmission interface)





Release timing of services

Release timing of higher level products

- The routine processing of standard higher level products (level 2 and higher) at the EOC will begin about 1 year later after the ADEOS-II launch
- The following services for higher level products from the EOC will also start at that time:
 - Browse search service via EUS (jpeg data)
 - Graphical image distribution service on the WWW (GIF data)
 - Standard product distribution service via the internet (http I/F)





Schedule of Data Distribution from the EOC

