

# Status on Catalogue System Integration of China EO Data

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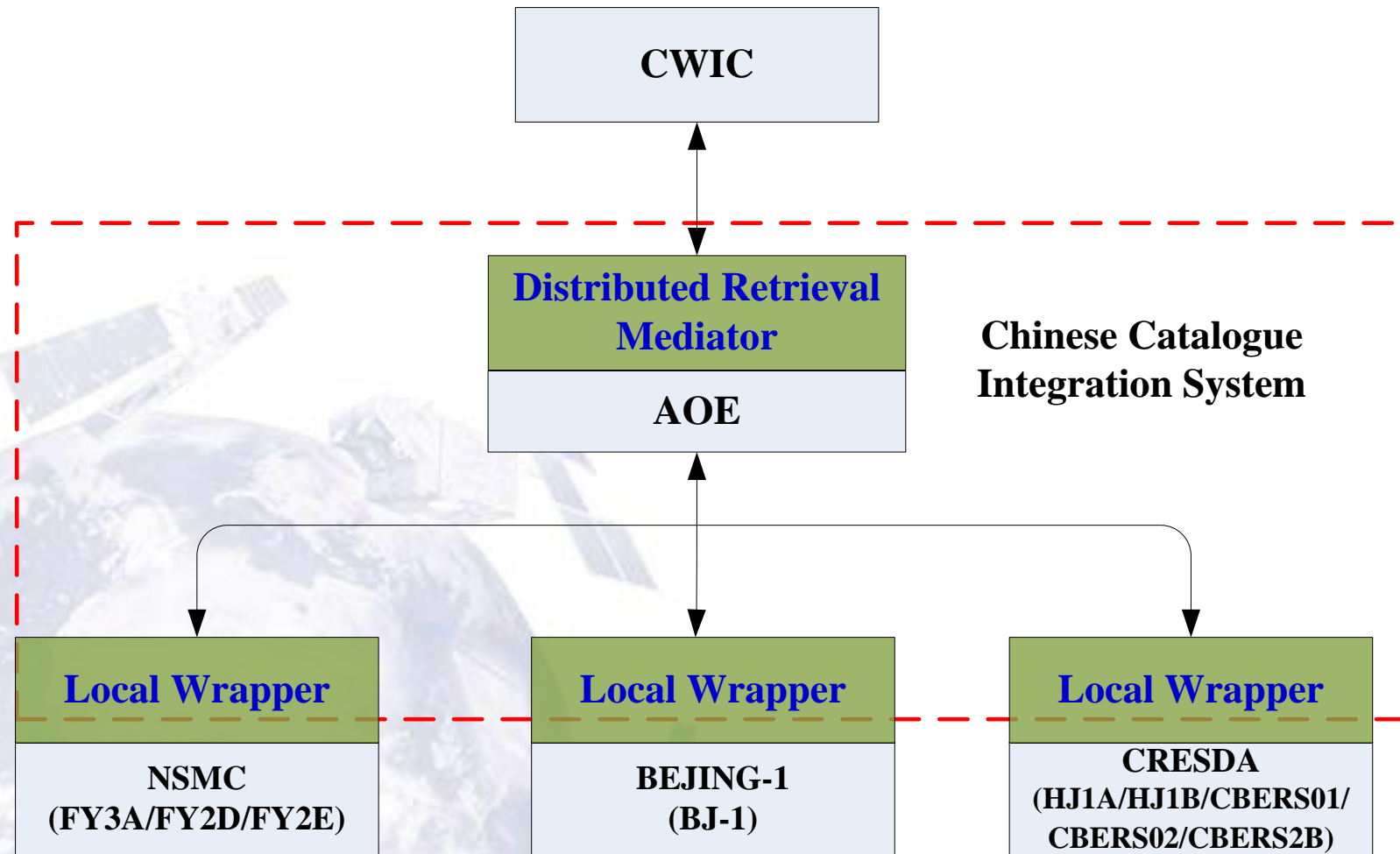
**System Development Status**

**Sharing Data Access Issues**

**Future Work**

# SYSTEM DEVELOPMENT STATUS

## General Introduction of the System



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### Distributed Retrieval Mediator

- Provide standard access interfaces (CSW+ ISO19115 -2)
- Distributed retrieval service

### Local Wrapper

- Transform retrieval constraints
- Get satisfied records from local database
- Transform records to standard format

# SYSTEM DEVELOPMENT STATUS

## Main work before WGISS33

**Designed and developed the AOE node for CWIC**

**Add two of three Chinese data center: NSMC and BingJing-1**

**NSMC uses GCMD entry id:**

**FY3A\_VIRR\_L1 / FY2D\_VISSR\_L1 / FY2E\_VISSR\_L1**

**BingJing-1 used custom dataset id : BJ-1**

# SYSTEM DEVELOPMENT STATUS

## New Progress Since WGISS33



### Beijing-1 (updated – used GCMD entry id )

- Beijing-1\_Multispectral
- Beijing-1\_Panchromatic



### China Centre for Resources Satellite Data and Application (new added)

- AOE\_HJ1A\_CCD1
- AOE\_HJ1A\_CCD2
- AOE\_HJ1B\_CCD1
- AOE\_HJ1B\_CCD2
- AOE\_HJ1B\_IRS
- AOE\_CBERS01\_CCD
- AOE\_CBERS02\_CCD
- AOE\_CBERS2B\_CCD

# SYSTEM DEVELOPMENT STATUS

## CRESDA Node – A description

**A dedicated catalogue database, and update regularly.**

**CRESDA provides a normal web service to AOE.**

**AOE makes a wrapper to provide CSW service and adds to CWIC.**

# SYSTEM DEVELOPMENT STATUS

## CRESDA Node – The catalogue data

Satellite	Begin	End	Entry ID	Comment
CBERS01	1999-10-15	2003-8-6	AOE_CBERS01_CCD	No new data
CBERS02	2002-05-21	2008-10-24	AOE_CBERS02_CCD	No new data
CBERS2B	2007-05-07	2010-3-11	AOE_CBERS2B_CCD	No new data
HJ1A	2007-12-22	2012-9-17	AOE_HJ1A_CCD1 AOE_HJ1A_CCD2	Update Regularly
HJ1B	2007-12-22	2012-9-17	AOE_HJ1B_CCD1 AOE_HJ1B_CCD2 AOE_HJ1B_IRS	Update Regularly



# SYSTEM DEVELOPMENT STATUS

## All the datasets

Data Center	Satellite	Entry ID
NSMC	FY3A	FY3A_VIRR_L1
	FY2D	FY2D_VISSR_L1
	FY2E	FY2E_VISSR_L1
Beijing -1	BJ-1	Beijing-1_Multispectral Beijing-1_Panchromatic
CRESDA	CBERS01	AOE_CBERS01_CCD
	CBERS02	AOE_CBERS02_CCD
	CBERS2B	AOE_CBERS2B_CCD
	HJ1A	AOE_HJ1A_CCD1 AOE_HJ1A_CCD2
	HJ1B	AOE_HJ1B_CCD1 AOE_HJ1B_CCD2 AOE_HJ1B_IRS

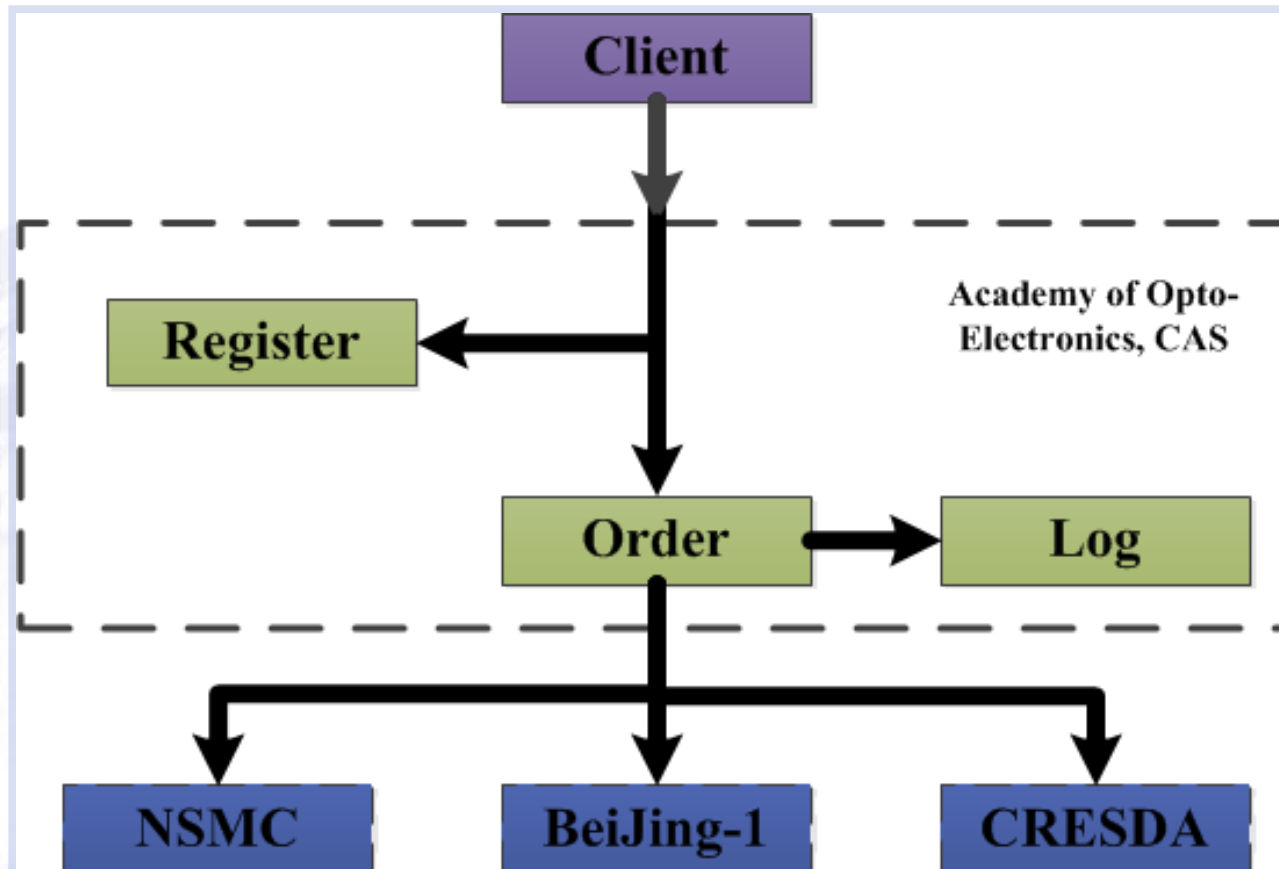
**System Development Status**

**Sharing Data Access Issues**

**Future Work**

# SHARING DATA ISSUES

Designed an order system for AOE node



# SHARING DATA ISSUES

## Register Information

**Username\***

**Password\***

**First Name\***

**Last Name\***

**Affiliation\***

**Primary Data Usage\***

**Secondary Data  
Usage**

**Company/Organizati  
on**

**Address\***

**Country\***

**City\***

**State/Province**


**Zip/postal code\***

**Email\***

**Telephone\***

**Fax**

# SHARING DATA ISSUES



## BeiJing-1 Order System

Order Information	Make An Order
<p>Product ID <input type="text" value="333"/></p> <p>Name <input type="text" value="Feng Lei"/></p> <p>Company <input type="text" value="AOE"/></p> <p>Product Level <input type="text" value="Level 1"/></p> <p>Telephone <input type="text" value="010-82178879"/></p> <p>Fax <input type="text" value="010-82178879"/></p>	<p>Please check your email address</p> <p><input type="text" value="fenglei@aoe.ac.cn"/></p> <p><input type="button" value="Reset"/> <input type="button" value="Order"/></p>

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# **FUTURE WORK**

**Follow CWIC's developing requirement to improve the system.**

**Communicate with the three data nodes and do more work on data sharing.**

**Add more data centers to AOE node.**

# **FUTURE WORK**

**China National Committee for Disaster Reduction has many satellite data, and we will try to persuade them to join in.**

**The Electromagnetic Satellite of China will be launched in 2014, they are willing to join CWIC then.**

**Promote CWIC in China, make more departments know it, and make more people use it.**

**Serve for application about disaster reduction or emergency.**



*Thank you for your attention!*

