



SeaDataNet

*PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT*

**CONNECTION TO SEADATANET
INFRASTRUCTURE
SHOM'S EXPERIENCE REPORT**

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- Technical solution
 - Easy & Difficult parts
 - Unresolved issues

- Conclusion

Easy and difficult parts

(1/2)

- Data in database
 - Metadata : XML generated with MIKADO (V2.3)
 - Data : in database
 - impossible to allow access to the database ;
 - Difficult of manage a database mirror for SDN's needs.
 - Issue : ODV files
- Connection to the SDN infrastructure
 - Setting a secure area ;
 - Setting secure protocol (Firewall) ;
 - File synchronisation between the internal network and the secure area.

Easy and difficult parts

(2/2)

Download manager integration in SHOM's secured infrastructure

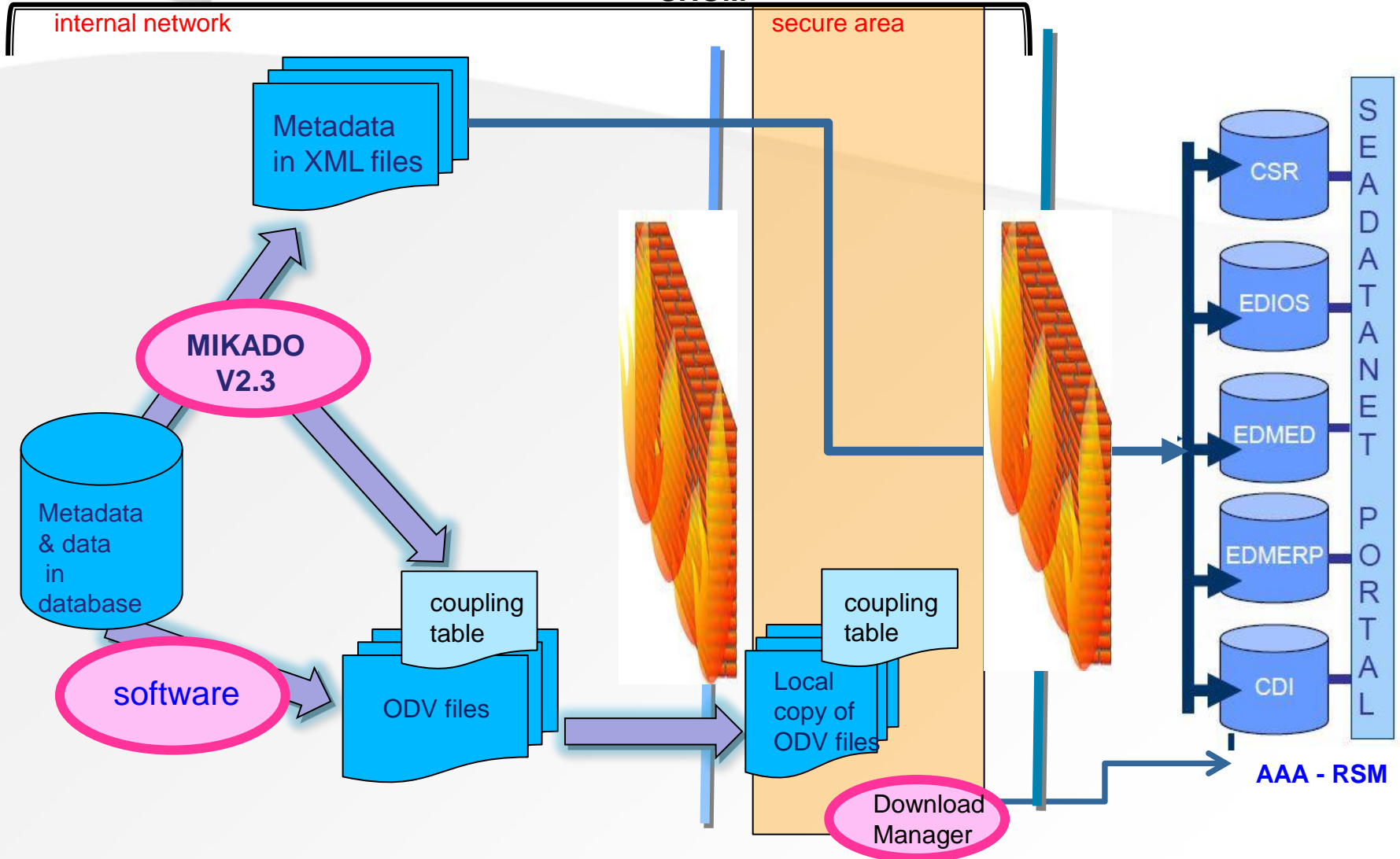
Difficulties because of constraints due to :

- SHOM's internal security constraints ;
- Applications already installed ...



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CONNECTION TO SDN INFRASTRUCTURE SHOM'S EXPERIENCE REPORT



Difficult part and problems faced

- CDI import : 151 049 XML files
 - A large dataset
 - Difficulties :
 - for Maris to load all the files at once on the import site
 - for SHOM to check them all in the CDI import
 - Maris's proposal to split the dataset into smaller sets (each of 10 000 files)
- 04-12-2012 : All the data are loaded

Unresolved issues : none

Conclusion

2012

Connection to SDN structure

Dataset : 151049 XML files loaded in CDI
 151049 ODV files available

2013

Data quality control :

- delete some entries ;
- Update some entries ;

New dataset.



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Modifiez le texte

Thanks for your attention