



Serco DIAS solution

3rd Workshop “Preparations for the Sentinel-2 in
Europe”

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Agenda



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 - Why “ONDA”?
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- More on ONDA

Data and Information Access Services

funded by the European Commission
under the aegis of the European Space Agency

- facilitate access to Copernicus data and information
- support the development of Copernicus-based user applications and enable research&business

What is ONDA?



- A **one stop shop** for the access and exploitation of **geospatial data** (EO + in-situ)
- A platform **enabling** users to build geospatial applications in the Cloud

Why “ONDA”?



- **Italian** word → Serco Italia solution
- onda means **wave**, representing:
 - ✓ propagation of information through waves
 - ✓ the wave of innovation we aim at bringing

The Consortium



Serco Italia SpA



OVH



Gael Systems



Sinergise



Key benefits



Open

Open & Free Access
to all geospatial
data and information

Simple

Only few clicks
to access data & services
and to predict the costs

Flexible

Custom Solutions to all levels of needs and
requirements

Reliable

Guaranteed Resources

Optimised performance

Secure

Compliant with International Standards and
Regulations (e.g. GDPR)

Fast to market

Market leading Cloud solutions and pricing

Cutting edge technologies
of custom services

We support users at **various levels of expertise** in exploiting geospatial data for a wide range of **diverse purposes**

- individuals, students and researchers
- professionals and start-ups
- SMEs and research companies
- Space Enterprises and service providers



Data – Our Offer



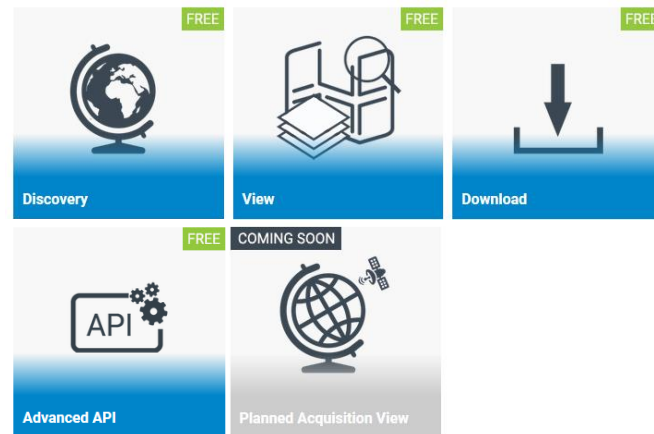
- **Free and open access** to data & information
- **Full availability** of all Copernicus data
- **Growing** archive of datasets
- **Data Agnostic**



Services – Data Access







- All Data Access services are **free of charge**
- Our **Catalogue** can be used to:
 - Browse (*Discovery service*)
 - View
 - Download (*registered users only*)
- **Advanced API**: innovative data access technology (ENS)



Services – Cloud Resources 1/2



- provided with fast access to the **complete data** Catalogue
- several **solutions** of Virtual Servers available to meet different needs
- guaranteed **security**
- optimised & consistent **performance**
- OVH **market price**
- **easy** payment method

			
General Purpose	Computing Intensive	Memory Intensive	Add storage to your instance
General purpose Virtual Servers with balanced CPU and memory resources. Ideal for entry level or generic computing requirements.	High frequency CPU Virtual Servers for powering your computational work. Ideal for large data processing.	Memory optimised Virtual Servers for fast processing. Ideal for distributed parallel computing requirements.	You can attach storage volumes to your Virtual Server with sizes from 10GB to 2TB.
Explore	Explore	Explore	Explore

Services – Cloud Resources 2/2



- ability to **upgrade or scale down** the chosen Virtual Server configuration with additional options
- **custom solutions** are offered when requirements vary from our initial standard offer
- users can **add storage** to the their instance(s)
- pre-configured templates that include **SW tools** already installed



Processing Tools

Use: to perform Earth Observation data processing. They are also complemented by High Performance Cloud computing features



Development Tools

Use: to perform custom software development



Dissemination Tools

Use: to manage the distribution of users' own value added products to their end users



Administration Tools

Use: a set of dedicated tools for supporting users to manage and operate their own Front-End Service with ONDA

Services – Managed Services



Managed Support

Engineering services to **set up Cloud resources** and build **value added services**



Data Hosting

Store data and make it available through our interfaces with **specific access rights**



Business Support

High level technical support with **dedicated Service Desk** and Engineering support for **troubleshooting**

User Support



- Online documentation
- Service Desk
- Multi-lingual web content

COMING SOON

- ONDA for Education
 - ✓ Webinars
 - ✓ Lectures
 - ✓ Video tutorials



Marketplace

Publish and promote
your service

Early Adopter
Programme

Marketplace

The Marketplace section is freely available to **registered** Third Party Users to advertise their own services developed on the ONDA platform.

Third Party Users will have the possibility to upload their own web content in the form of logos, text, pictures and web links.

Please note that Serco may block inappropriate content.

Upload web content



EARTH STARTS BEATING

HARRIS
GEOSPATIAL SOLUTIONS



istituto per il rilevamento
elettromagnetico dell'ambiente



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Thank you



#peopleondata