COMMERCIAL BROCHURE

EO Coordination Centre

Function-as-a-Service connects distributed processing capabilities

Co-funded by the European Union

Turn fragmented EO capabilities into a simpler user experience.



THE CHALLENGE

Earth Observation services often depend on mission-specific infrastructures and processing chains. For users, this can mean multiple interfaces, fragmented capabilities and unnecessary complexity when accessing information.

OUR SOLUTION

The EO Coordination Centre provides a common entry point to discover available services, submit processing requests, follow their status and access resulting products—while hiding the complexity of the distributed infrastructures behind them.

One Entry Point. Distributed EO Capabilities.

A simpler way to access processing capabilities across missions, providers and infrastructures.

WHY IT MATTERS

Single Entry Point

One place to discover services and submit requests.

Distributed Access

Connect users with capabilities deployed across different sites.

Multi-Mission

Support access to heterogeneous EO missions and providers.

FaaS Ready

Expose processing capabilities through a Function-as-a-Service approach.

Built on GMV Prodigi® technology within the MESEO project.

Co-funded by the European Union

From User Request to EO Product

Function-as-a-Service connects distributed processing capabilities



USER SERVICES

- MAPS & VISUALISATION
- ANALYTICS & REPORTING
- ALERTS & MONITORING
- DATA & API ACCESS
- INTEGRATION SERVICES
- DECISION SUPPORT

TECHNOLOGY FOUNDATION

Function-as-a-Service (FaaS)
Run processing functions on-demand across distributed infrastructures.

Multi-Mission Federation
Connect heterogeneous missions, infrastructures and providers.

Distributed Processing
Process data where it resides. Move insights, not data.

Cloud-native Platform
Elastic, resilient and scalable by design.

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Why Adopt the EO Coordination Centre?

Designed to simplify access to distributed Earth Observation capabilities

WHO CAN BENEFIT

GOVERNMENT AGENCIES	COPERNICUS SERVICES	COMMERCIAL EO OPERATORS	DEFENCE & SECURITY	ENVIRONMENT & CLIMATE	AGRICULTURE & FOOD SECURITY	ENERGY & UTILITIES	EMERGENCY & DISASTER RESPONSE	RESEARCH & ACADEMIA
National & regional programmes and public services	Operational services and downstream applications	Satellite constellations and data service providers	Surveillance, situational awareness and risk assessment	Monitoring, climate change and natural resources	Precision agriculture and crop monitoring	Asset monitoring and infrastructure management	Rapid mapping, early warning and crisis management	Scientific research and innovation acceleration

WHY ORGANISATIONS CHOOSE EOCC

TRADITIONAL EO APPROACH	EOCC APPROACH
Mission-centric infrastructures	Federated, multi-mission ecosystem
Static, hard-coded processing chains	Dynamic Function-as-a-Service orchestration
Centralised workflows	Distributed processing where data resides
Large data movements	Minimal data transfer, maximum value
Vendor lock-in solutions	Open, interoperable and standards-based

BUSINESS VALUE

FASTER TIME-TO-PRODUCT
Orchestrate and execute processing functions on-demand to deliver information faster and support timely decisions.

LOWER INFRASTRUCTURE COSTS
Optimise resource usage, reduce data transfers and adopt a pay-per-use Function-as-a-Service model.

SCALABLE & CLOUD-NATIVE
Elastic, resilient and future-proof architecture that scales with missions, data and users.

GREATER COLLABORATION
Securely share data and services across organisations through standards and Data Spaces.

KEY ENABLERS

FUNCTION-AS-A-SERVICE (FaaS)
Run processing functions on-demand across distributed infrastructures.

MULTI-MISSION FEDERATION
Connect heterogeneous missions, infrastructures and providers.

DISTRIBUTED PROCESSING
Process data where it resides. Move insights, not data.

CLOUD-NATIVE PLATFORM
Elastic, resilient and scalable by design.



The EO Coordination Centre is a secure, open and interoperable platform that turns fragmented infrastructures into a **trusted federated ecosystem**, enabling the next generation of Earth Observation services.

READY TO COLLABORATE?
Let's build the future of federated Earth Observation together.

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Processing at the source. Delivering value everywhere.

• INTEROPERABLE • FEDERATED •

One Entry Point. Federated ecosystem. Distributed EO Capabilities.