

RPAS in FRONTEX Operations



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INFORMATION FUSION CENTRE

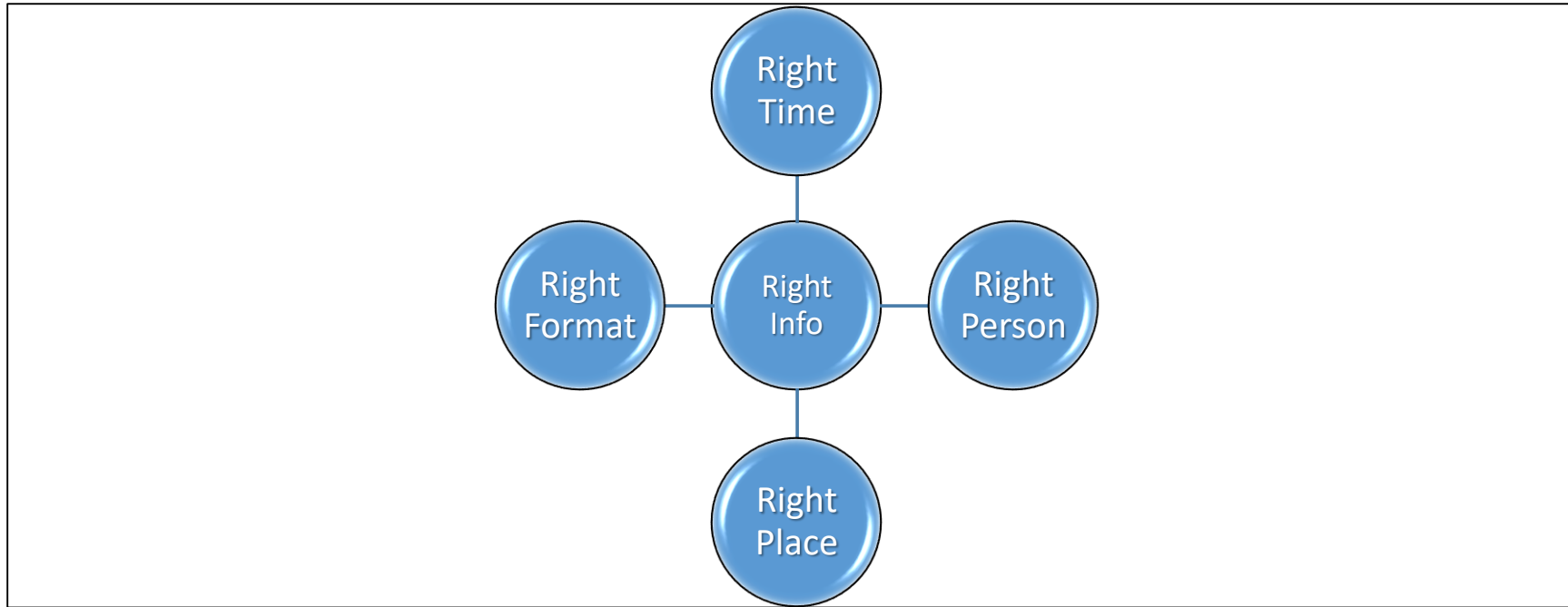
Data fusion for holistic situational awareness



- Reliable, innovative information services
- Knowledge & technology driven capabilities

Information management entity
that strives for cooperation, efficiency, and innovation to support
Situational Monitoring and Awareness Division

Strategic Objective



Common framework for exchange of information between MS and Frontex

Application of EFS for:

Improving situational awareness

Increasing reaction capability



- Combat irregular migration
- Combat cross border crime
- Save more lives



Multipurpose Aerial Surveillance

- Real-time surveillance for situational awareness in pre-frontier areas
- Data transmission from aircraft to European Monitoring Team at Frontex
- Coast Guard Functions cooperation with MS, EFCA

S1 Incident Reporting
S2 Vessel Monitoring and Tracking
S3 Tracking Vessels of Interest
S4 Vessel Detection
S5 Meteo
S6 Visual Data Discovery
S7 Maritime Simulation
S8 Satellite Imagery
S9 Anomaly Detection
S10 Visualisation Tools
S11 Coastal Monitoring
S12 Pre-frontier Monitoring
S13 Reference Imagery / Mapping
S14 Large Area Pre-frontier Monitoring
S15 Pro-Detect
S16 MUSO Migration Analytical Assessment
Multipurpose Aerial Surveillance



Multipurpose Aerial Surveillance



Sensors

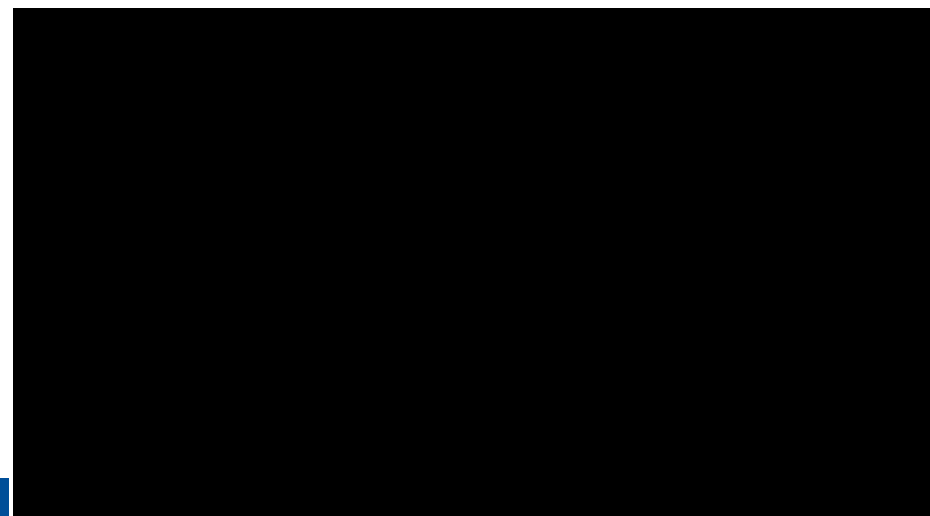


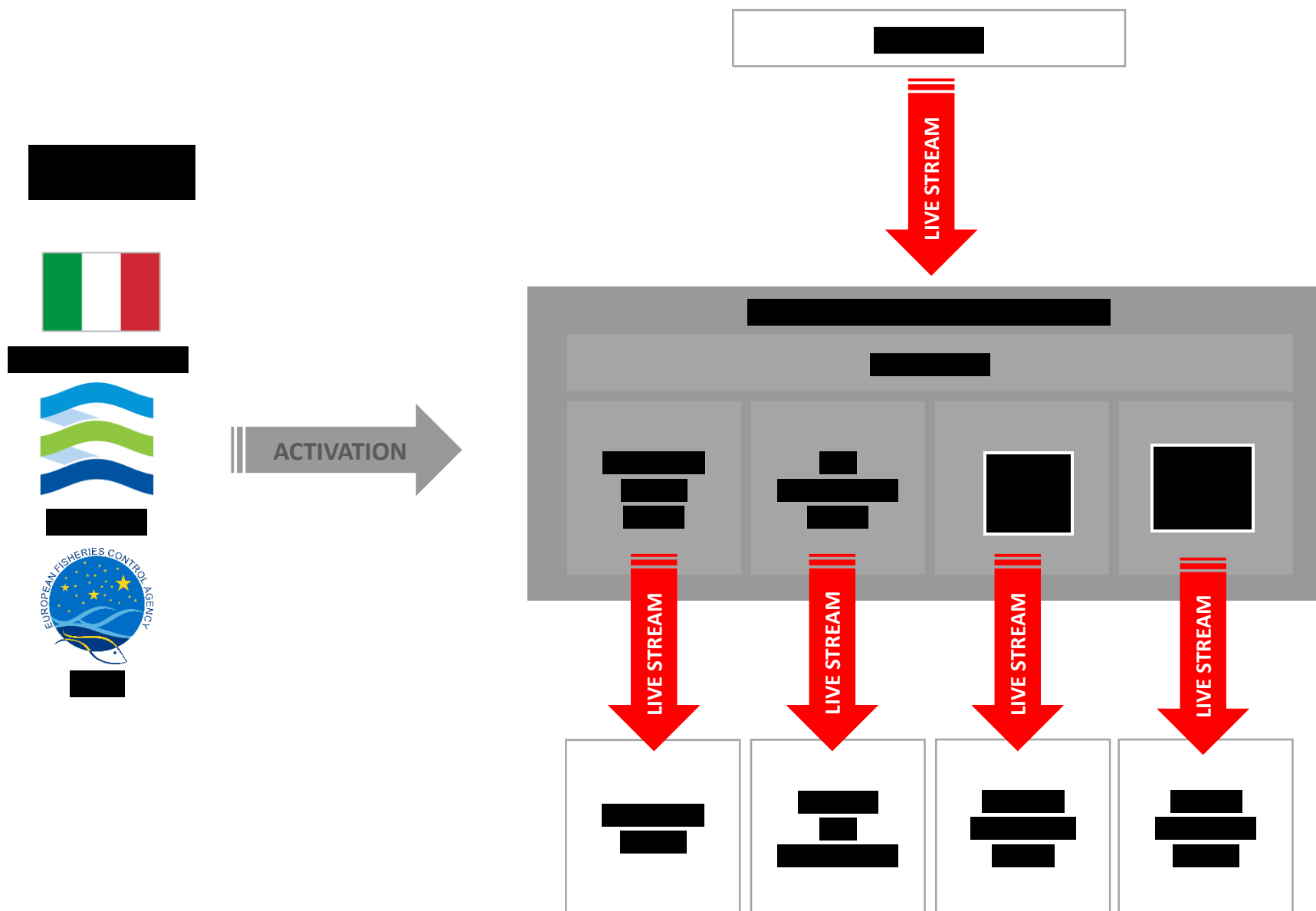
Products



Multipurpose Aerial Surveillance

Communication





Multipurpose Aerial Surveillance - RPAS

Operational use – key features

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