



Italian National Node: data based on Satellite Services

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8 JUN. - 2007
COSMO-1



9 DEC. - 2007
COSMO-2



25 OCT. - 2008
COSMO-3



5 NOV. - 2010
COSMO-4

2011-Jun-09 15:01:00 UTC
Lat :
Lon :
MLST :
SZA :
Range : 13398.9 km
Altitude : 13395.7 km



4 SAR SATELLITES CONSTELLATION

SENSOR X-BAND SAR (9.6 GHz)

BANDWIDTH 400 MHz

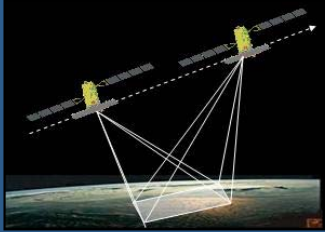
HEIGHT 619.6 Km

ORBIT SSO

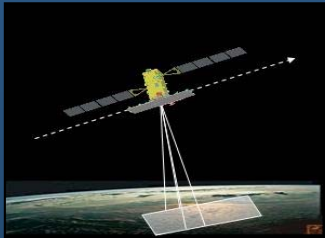
INCLINATION 97.8°

ORBITAL PERIOD ~ 97 m

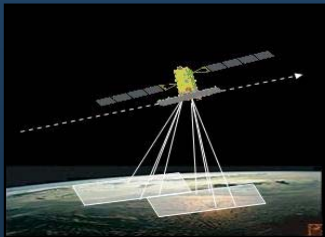
MULTI-MODE ACQUISITION CAPABILITY



SPOTLIGHT
10 Km X 10 Km
1 m Resol.



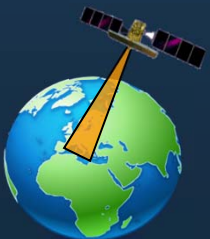
STRIPMAP - HIMAGE
40 Km X 40 Km
3 m Resol.



STRIPMAP - PING PONG
30 Km X 30 Km
15 m Resol.

SCANSAR WIDE
100 Km X 100 Km
30 m Resol.

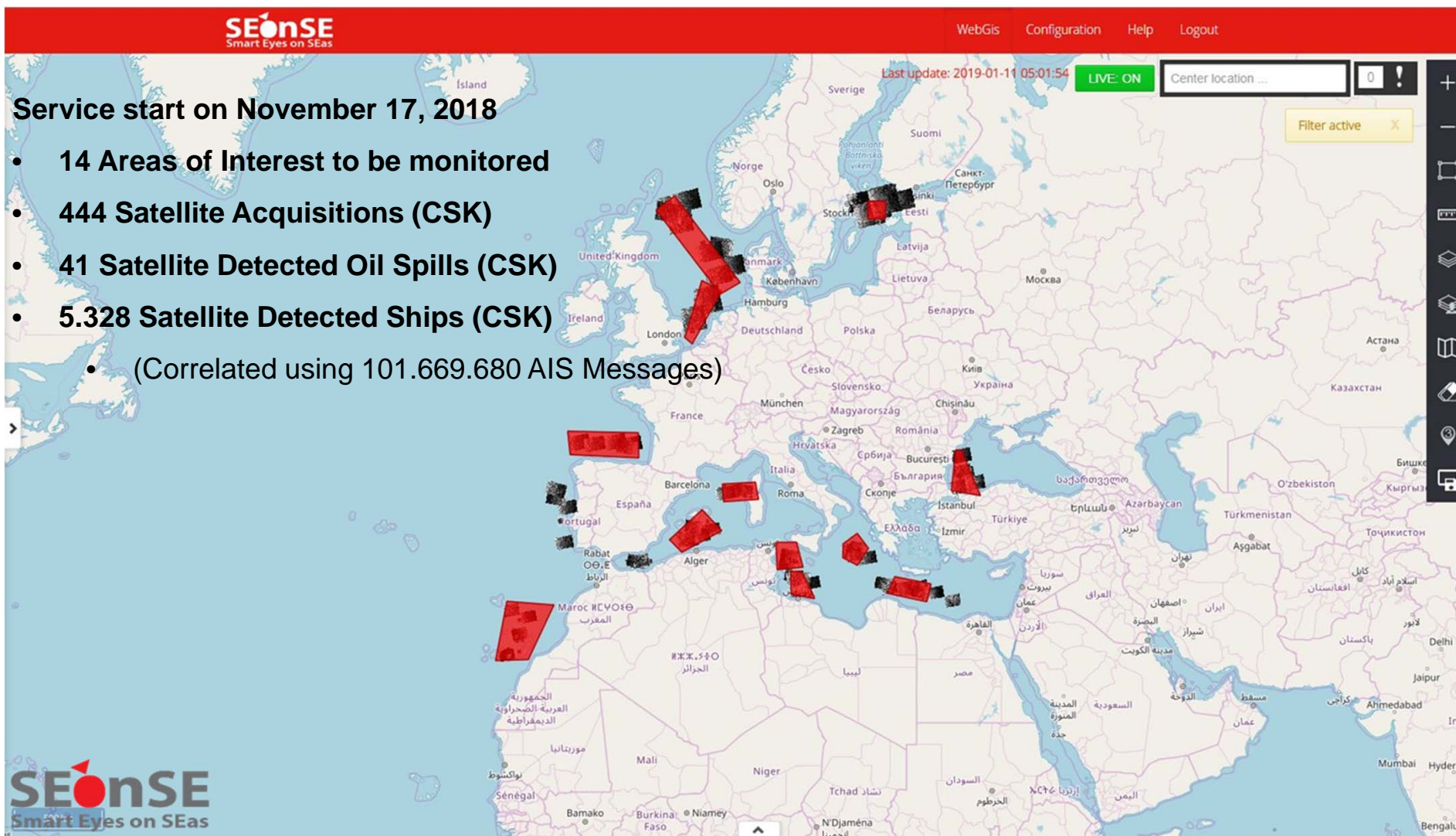
SCANSAR HUGE
200 Km X 200 Km
100 m Resol.



WIDE FIELD

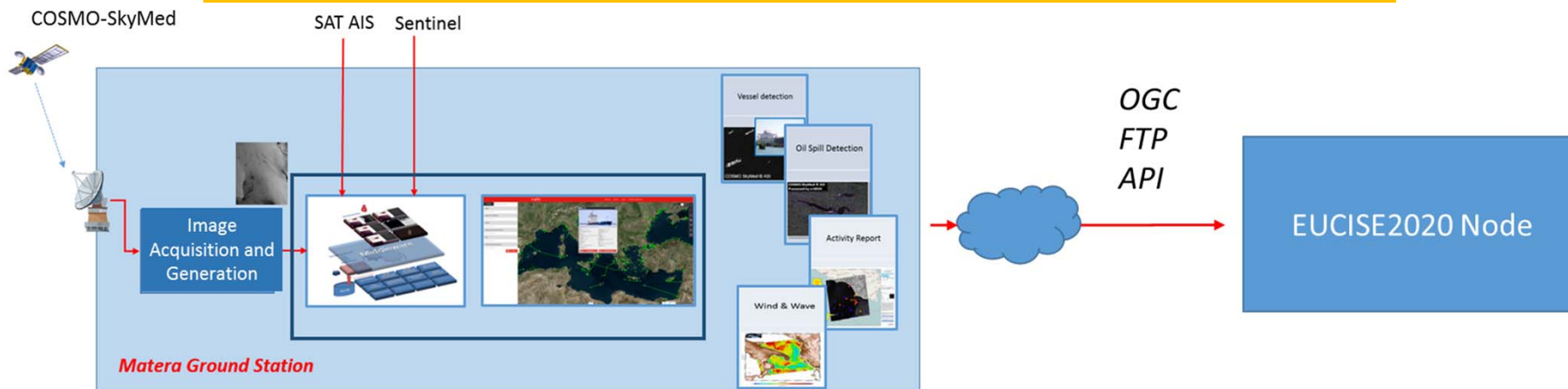
NARROW FIELD





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Vessel detection	Activity Report	Oil Spill Detection	Wind & Wave	Geospatial Analysis and Alert Notifications

POINTS OF STRENGTH OF THE SERVICE

Ground Receiving Terminal Network

Wide and Global coverage

Multisensor solution

Validated by Institutional User

Secure data access

Experienced Operators on maritime surveillance Satellite image analysis

Operational h24/7

Fully Automatic and/or supervised processing



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