



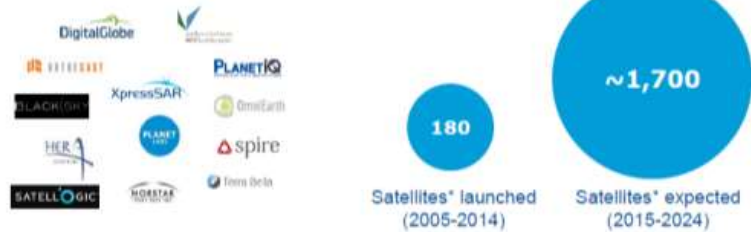
Geo Spatial Business *the evolution of the eco-system*

Massimo C Comparini

e-GEOS Chief Executive Officer
Telespazio Director Line of Business Geo Information

Geospatial World Forum 2018, Hyderabad – India

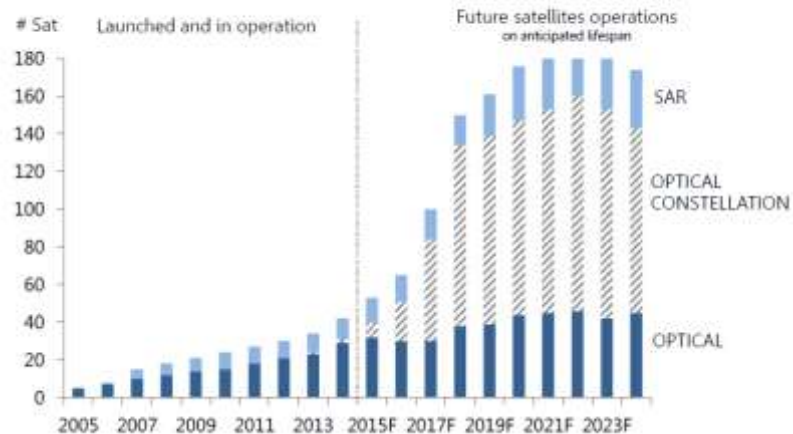
"Large" EO & Meteorology constellations: status



many satellites in orbit today....
and the number is growing fast....

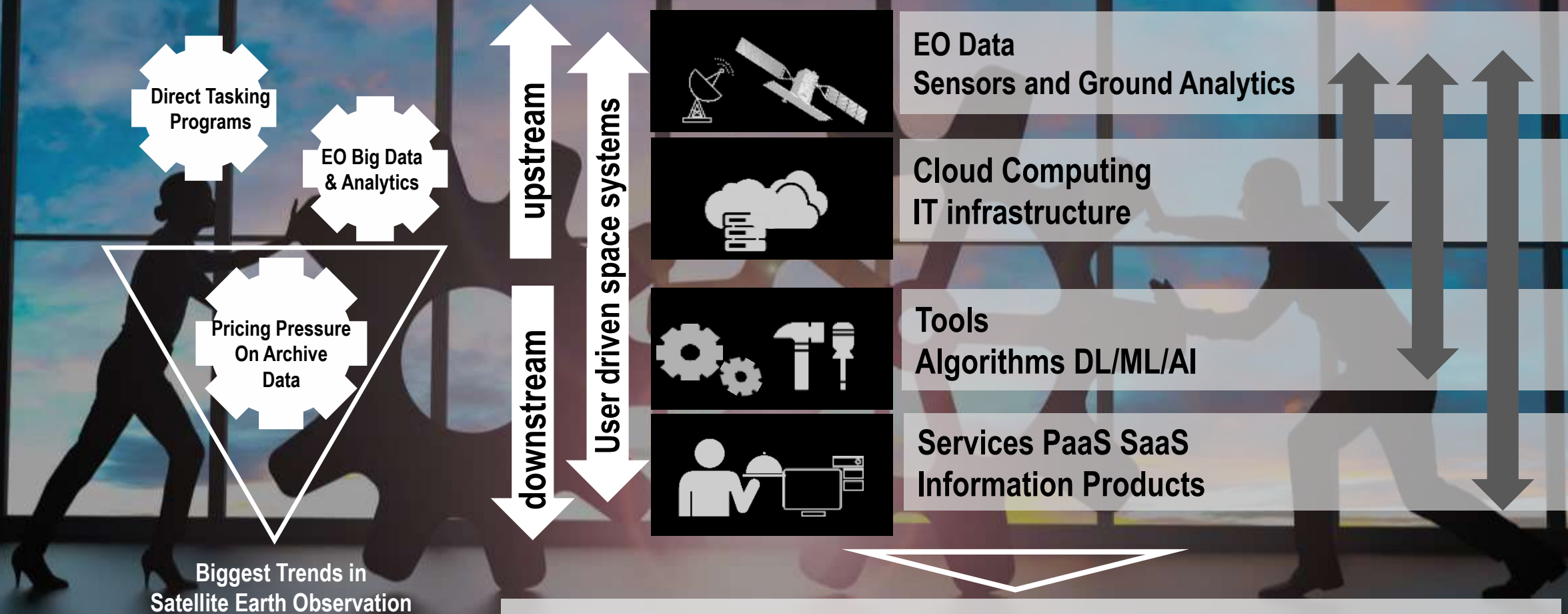


HR Commercial Earth Observation satellites to 2024 (> 50kg) (Optical res < 2.5m, SAR res < 5m)



EARTH OBSERVATION BUSINESS MODEL IS CHANGING

We are moving towards a service model where data are just part of the game



- Convergence in the data analytics business for the EO
- Data derived info driven market
- EO Geospatial business as inherent part of IoT

THE BIG DATA PROMISE

GEO Big Data + IA + Analytics are changing the game in the data consumption



e-geos

INTEGRATION
BIG DATA
SATELLITE IMAGES
INTERNET OF THINGS INFORMATION
TO GENERATE NEW PRODUCTS.

- Big Players are envisaging a role to the Geo-Information Analytics driven solutions in their business model and they plan significant investments
- New information driven markets (big data, data analytics apps) drive increase in revenues for sat operators
- Industrial landscape is going to have a strong evolution with consolidation in place and a growing strong momentum in the evolution of partnership models

Big data analysis



Information Products



Value Added Services



Data



COSMO-SkyMed

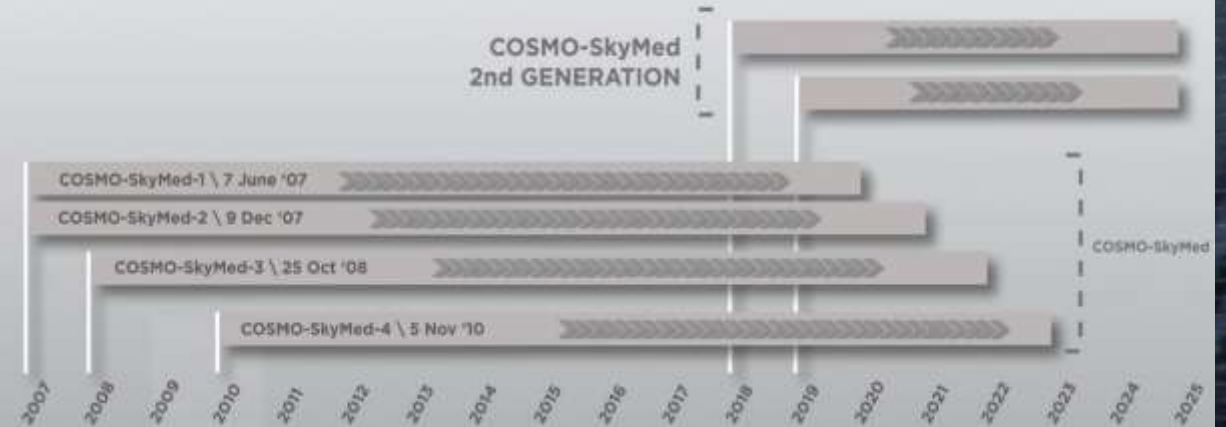
THE ITALIAN RADAR CONSTELLATION

e-GEOS is the exclusive commercial worldwide distributor of COSMO-SkyMed

4 radar satellites for Earth Observation

- Very-High-Resolution
- Best in class for revisit time
- Day and Night
- Any weather conditions

COSMO-SkyMed



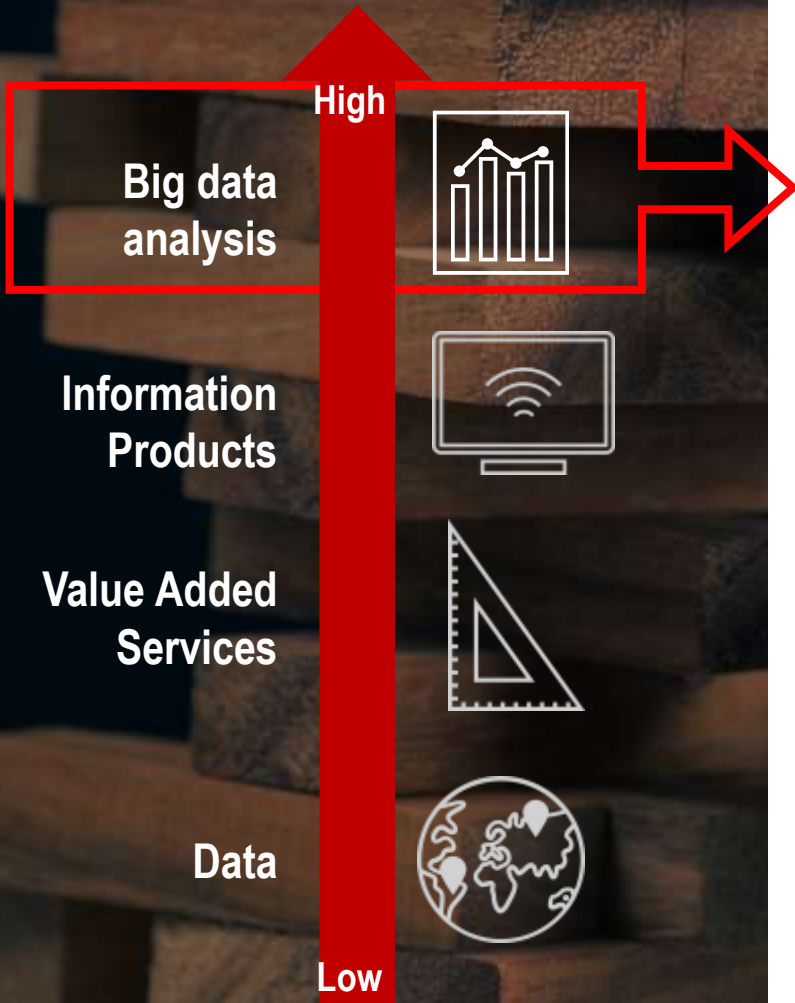
federation of assets is a fundamental feature of our application platform and services

WE SCAN THE EARTH



THE VALUE CHAIN FOR THE NEW VALUE ADDED SERVICES

More value addition/processing to the raw data



REPORT ON PARKING SPACES OCCUPATION

REPORT ID: 026-015-0004
 REPORT DATE: December 2, 2018
 TIME: 06:40 UTC
 SITE ID: 605
 SITE PARKING SPACES: 222

SITE: PETERBOROUGH (UK)

DAILY PARKING AND LOADING SPACES STATUS

DATE: Friday, December 2, 2018 TIME: 05:43 UTC

Category	Occupied	Free
LOADING (Space 01)	2	10
LOADING (Space 02)	4	16
PARKING (Space 01)	21	61
PARKING (Space 02)	4	24
TOTAL	31	111

LAST 7-DAYS PARKING AND LOADING SPACES STATUS

DATE: November 26 - December 2, 2018

Date	Time (UTC)	OCCUPIED PARKING AND LOADING SPACES				TOTAL OCCUPATION	
		Loading space 01	Loading space 02	Parking space 01	Parking space 02	Spaces	% of total
26-Nov	05:43	05	04	03	04	16	7%
27-Nov	05:49	07	04	03	04	18	8%
28-Nov	05:46	01	01	01	04	07	3%
29-Nov	05:49	09	02	08	07	26	12%
30-Nov	05:45	09	08	09	04	30	14%
01-Dec	05:49	04	03	02	03	12	5%
02-Dec	05:43	02	01	01	04	08	4%
AVERAGE		06	05	03	04	18	8%
7-DAYS		50%	54%	71%	30%	42%	

Parking space occupancy has been derived by CO2MO's Skyline satellite images. Reported parking space occupancy may be due to a single truck or to more vehicles or containers. Report has been realized to the best of our ability, within a very short time, optimizing the available data and information without in situ validation. Map data OpenStreetMap copyright OpenStreetMap contributors.

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OPTICAL DATA

Provide identification of oil tanks to be monitored, and the assessment of oil levels over the area of interest at mid-morning, dependently on cloud coverage

RADAR DATA

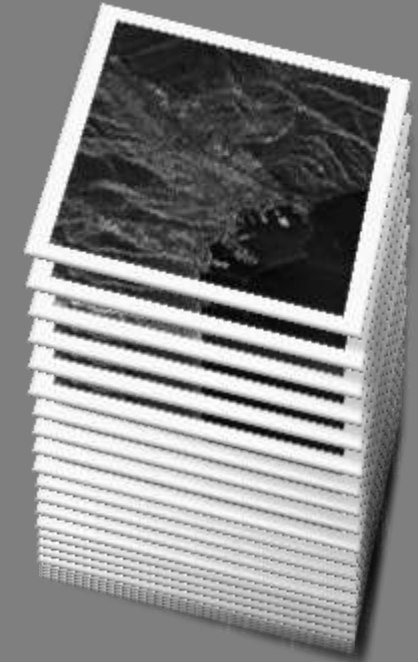
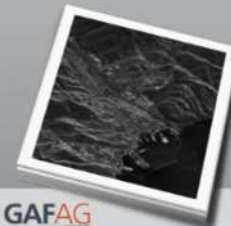
Provide assessment of oil levels over the area of interest at different hours of the days, independently on cloud coverage and lighting conditions

GENETIC STACKS



GLOBAL COVERAGE FOR GLOBAL SERVICES

- 10 years of continuous monitoring
- More than 2500 targets worldwide
- Huge stacks of interferometric data available



SCAN THE EARTH

MONITOR THE CHANGES

GIVE INSIGHTS

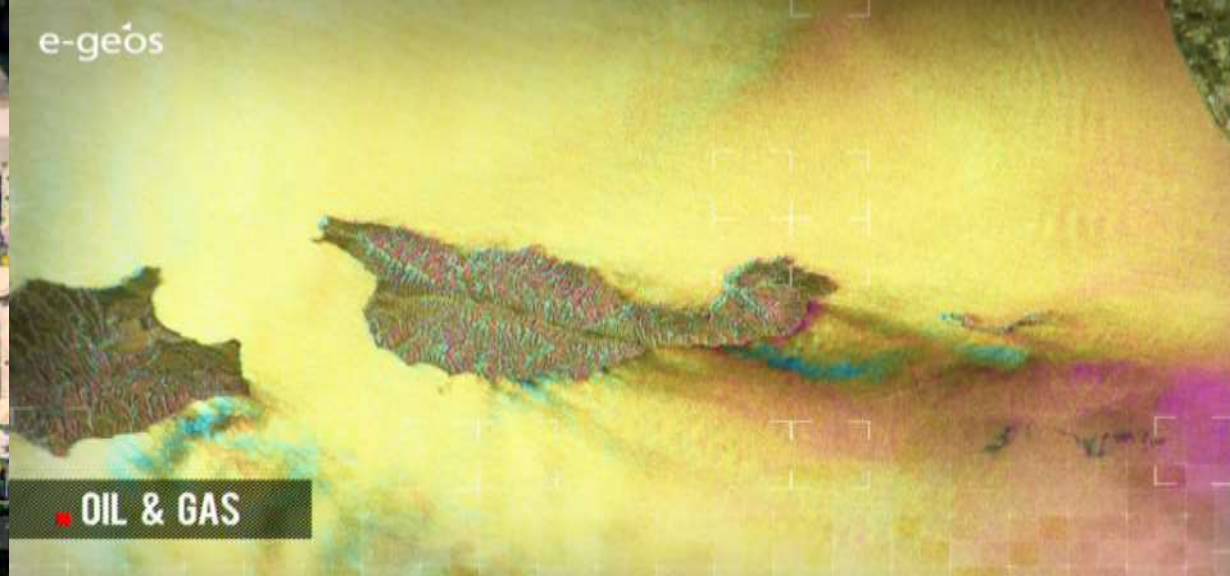
CAUSES

EFFECTS

REMEDIES



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OIL & GAS



LAND AND INFRASTRUCTURES MANAGEMENT

MARITIME SURVEILLANCE



e-

RISK AND ASSET MANAGEMENT

CLIMATE CHANGE AND FORESTRY



AGRICULTURE AND FOOD PRODUCTION

DEFENCE AND INTELLIGENCE



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AN ASTI TELESPAZIO COMPANY

The Fourth Industrial Revolution

INNOVATION and PARTNERSHIP

location based analytics

integration of indoor spatial analytics
with outdoor spatial analytics

Internet of things

data-driven digital business

critical information in 'virtual' models
digital twins

digital natives will embrace digital DNA
in a plenty of still traditional fields

*convergence of
technologies*

full digital ecosystems

*Partnership through and
across the value chain*



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EYES ON THE EARTH

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