
AWS
re:Invent
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AER205

Accelerating capacity: EO data and insight delivery

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Satellogic

ACCELERATING EARTH OBSERVATION DATA COLLECTION AND INSIGHT



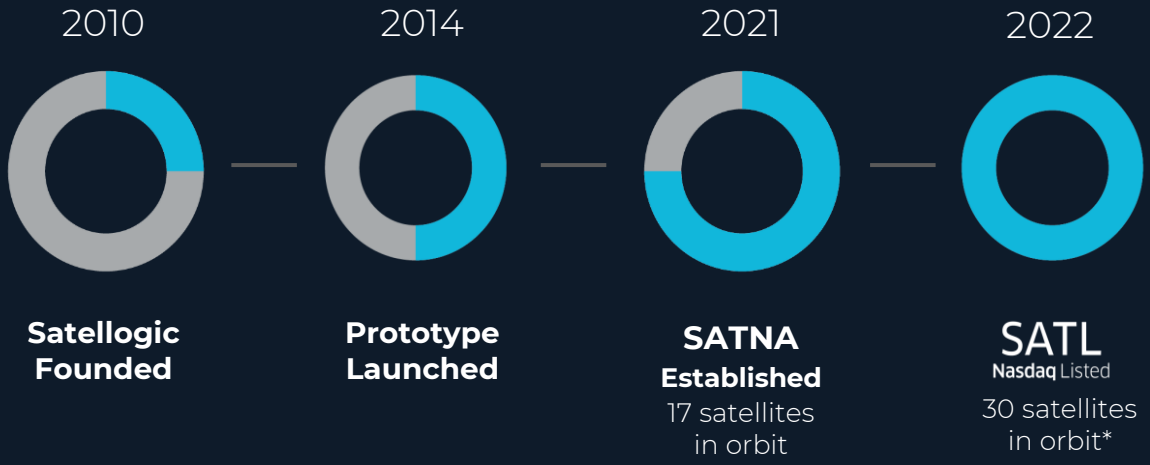
Satellogic is a leader in high-resolution Earth Observation data collection. Using AWS, they are able to streamline access to critical information about our planet enabling their customers to expedite analysis.

aws

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SATELLOGIC
NORTH AMERICA

Satellogic is an Earth Observation data company that operates the largest high-resolution EO commercial satellite constellation. It aims to achieve daily global remaps.



Satellogic North America (SATNA) is a wholly owned subsidiary established to do business with NATO, the Canadian and US governments.

*Four satellites are scheduled for launch with SpaceX in Q4-2022


SATELLOGIC
NORTH AMERICA
PORT MONITORING
Dammam, Saudi Arabia
August 6, 2022 - 10:03:38 UTC

SATELLOGIC
NORTH AMERICA

Earth Observation Data is essential for global sustainability and security



Monitor

Large areas with multispectral imagery. Achieve daily insights into land use and land change.

Assess

Ground conditions with frequent, global collections, i.e. construction, damage, environmental health.

Survey

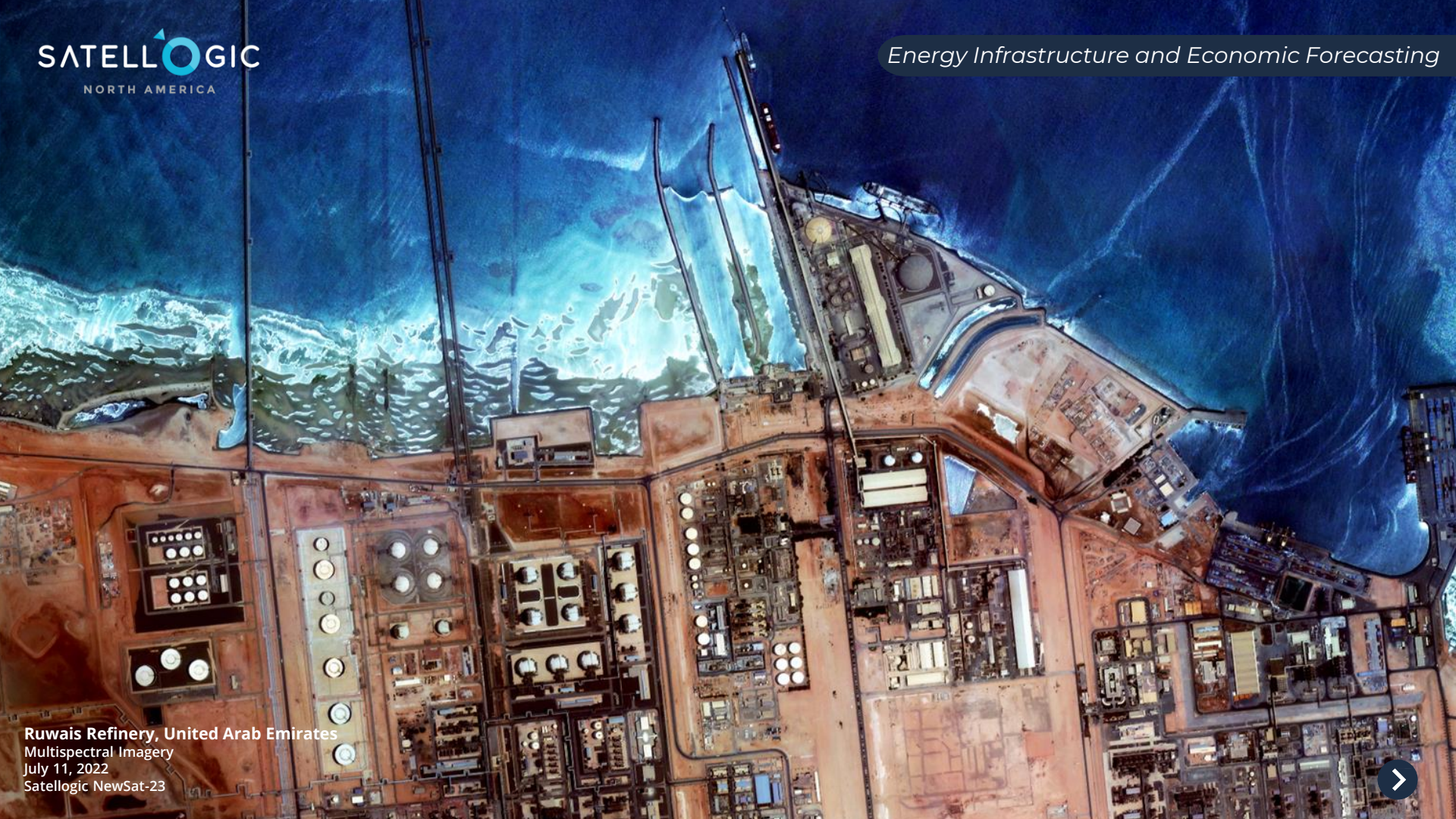
Entire coastlines with high frequency. Detect erosion, protect fisheries, and monitor endangered species.

Detect

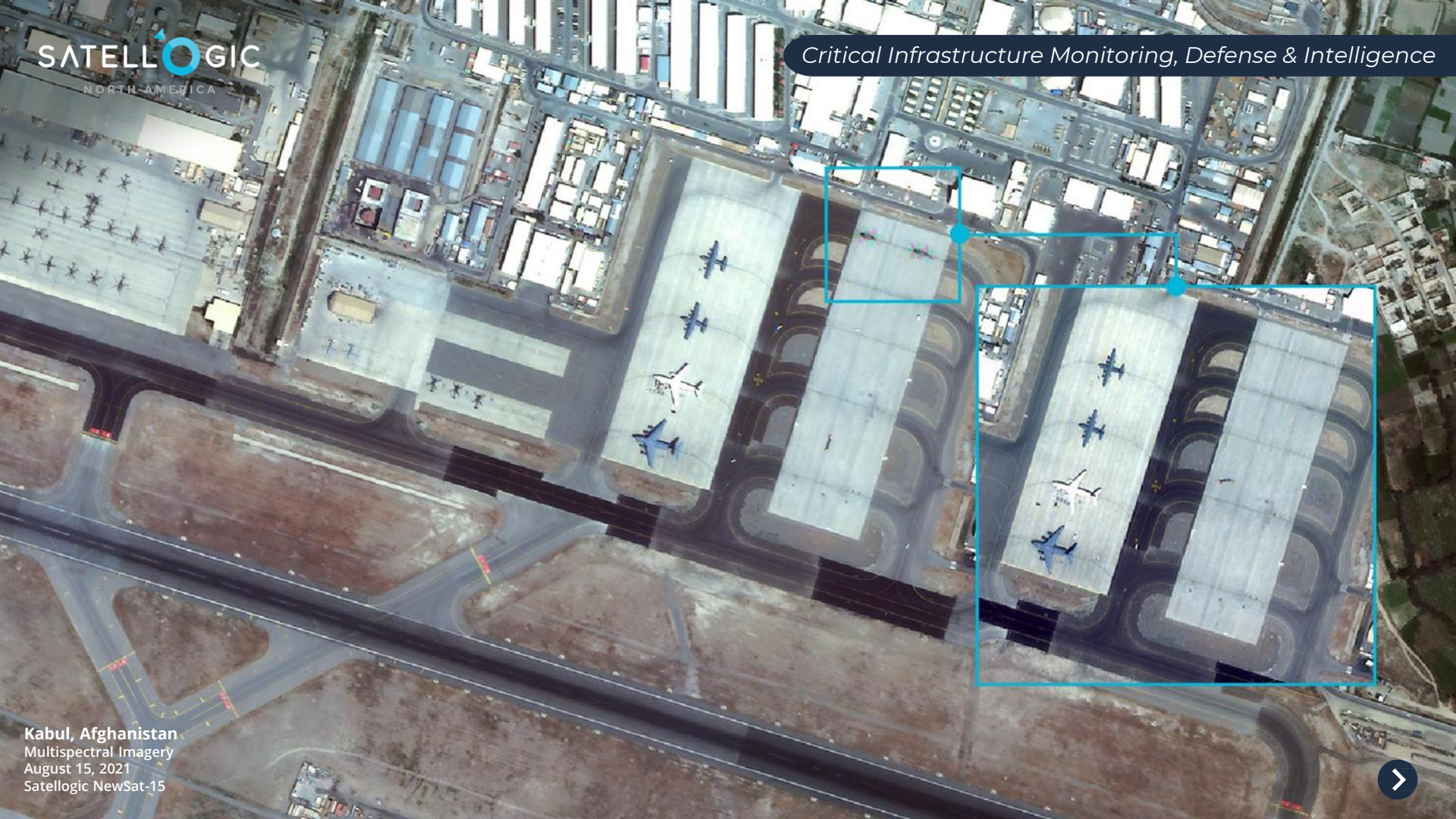
Change in critical infrastructure. Spot dangers before catastrophe and ensure compliance.

SATELLOGIC
NORTH AMERICA

Energy Infrastructure and Economic Forecasting



Ruwais Refinery, United Arab Emirates
Multispectral Imagery
July 11, 2022
Satellogic NewSat-23


SATELLOGIC
NORTH AMERICA
Critical Infrastructure Monitoring, Defense & Intelligence
Kabul, Afghanistan
Multispectral Imagery
August 15, 2021
Satellogic NewSat-15

SATELLOGIC
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Commercial Real Estate, Smart City Planning



The Line, Saudi Arabia
Multispectral Imagery
August 8, 2022
Satellogic NewSat-28

SATELLOGIC
NORTH AMERICA

National Security, Humanitarian Aid



Sevastopol, Ukraine
Multispectral Imagery
September 26, 2022
Satellogic NewSat-28

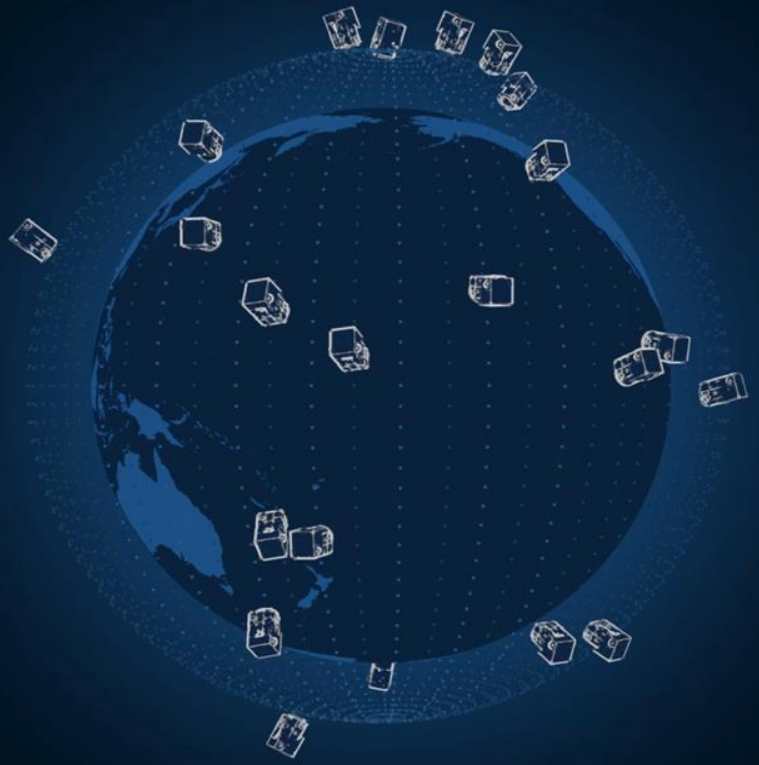
SATELLOGIC
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Humanitarian Aid



Adi Harush Refugee Camp, Ethiopia
Multispectral Imagery
February 17, 2022
Satellogic NewSat-18

SATELLOGIC
NORTH AMERICA



Satellogic + AWS

- **QUALITY** Rapid iteration and 3-yr lifecycles ensure customers have access to the most up-to-date tech in orbit
- **CAPACITY** Vertical integration enables quarterly deployments of satellites
- **AFFORDABILITY** Internal cost-efficiencies coupled with AWS Lambda service provides a cost-effective architecture that can scale with demands
- **LOW LATENCY** Amazon RDS for PostgreSQL database can catalog, sort and service a massive volume of complex data entries to help us capture and deliver timely insights



SATELLOGIC
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Customer Benefits

- **QUALITY** Global sub-meter satellite imagery with high geolocation accuracy for advanced analysis and machine learning
- **CAPACITY** Accelerated development and deployment of satellites offers customers more tasking opportunities
- **AFFORDABILITY** Lower costs enable customers to access more data for comprehensive analysis and continuous monitoring of POIs
- **LOW LATENCY** AWS accelerates processing as well as access for customers operating in an AWS Cloud environment

SATELLOGIC
NORTH AMERICA

AWS Helps Accelerate EO Data and Insight Delivery

AUTOMATION

Satellogic uses AWS to receive, evaluate, and transfer satellite data directly to a customer's Amazon S3 bucket without human intervention

ACCESSIBILITY

Amazon SES service provides an easy-to-use interface for customer tasking requests. Satellite Data is shared via Amazon'

AUTONOMY

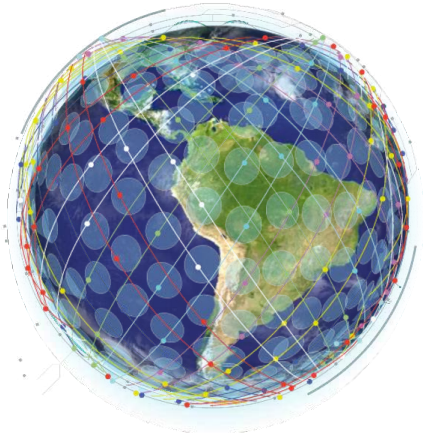
Secure and streamlined access, tasking, and data mgmt for AWS Commercial and Gov customers



SATELLOGIC
NORTH AMERICA

Up to 7 Daily POI Revisits
30 satellites in orbit





Daily Global Remaps
200+ satellites in orbit

Life is unpredictable

Satellogic North America and AWS are here to help you understand how the world around you is changing.

You are here to develop solutions that will push humanity forward.

SATELLOGIC

NORTH AMERICA

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