AWS re:Invent

NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV

WPS209-R2

Illustrating changes on the Earth with insights from space

Eric Cote
Director, Image Services
Ursa Space Systems

Tim Sills
Solutions Architect
Amazon Web Services

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Agenda

Introductions

Ursa Space Systems overview

Case study overviews

Q&A

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Introductions



Eric Cote

Director, Image Services

Ursa Space Systems



Tim Sills

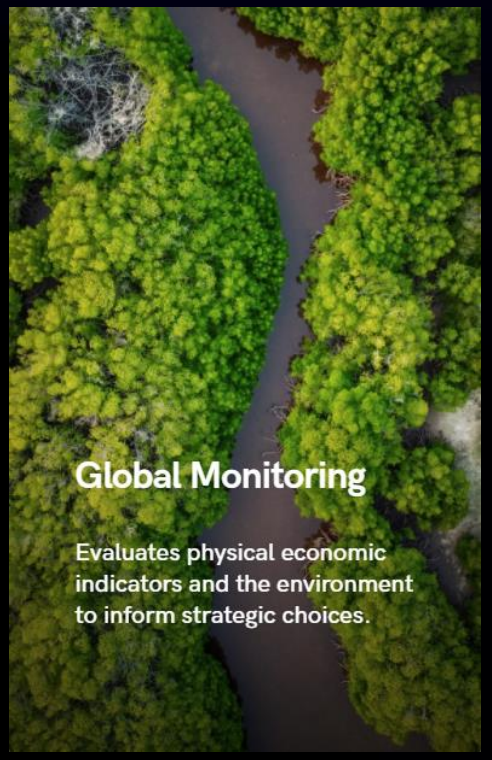
Solutions Architect

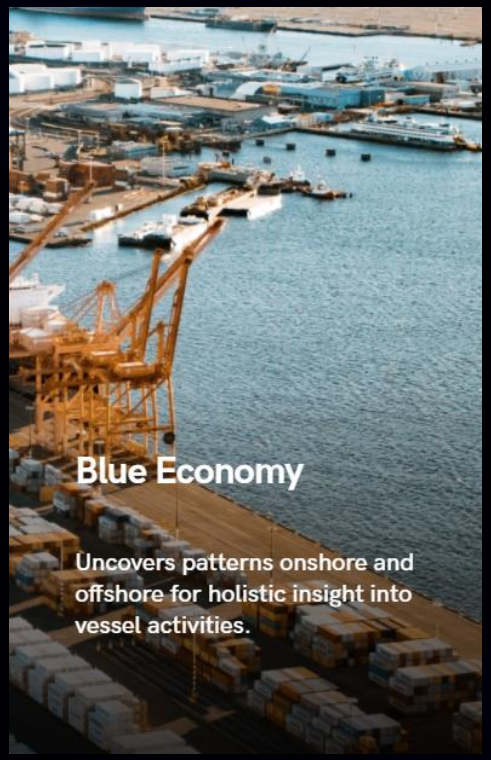
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Ursa Space Systems overview

“Change explained”









Ursa Space Systems is a US-based satellite intelligence company that provides business and government decision-makers access to on-demand analytic solutions

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Use case: Global monitoring

/USE-CASE_01



Crude Oil Inventories

The Problem

What impact did COVID-19 restrictions have on the global oil market as traders and analysts grappled to understand the true nature of this unprecedented event?

Technology

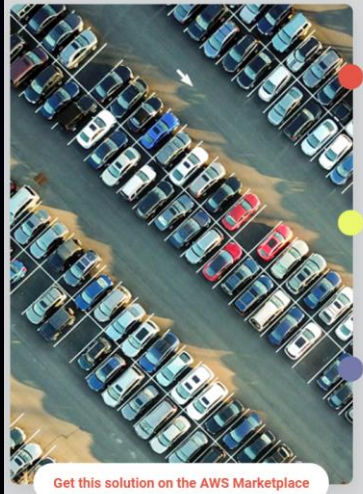
Ursa Space's Oil Storage Product measures the amount of oil in storage around the world, serving as a powerful gauge of the supply-demand balance.

Our Answer

Our data showed concerns that the world's oil storage tanks were nearing full capacity were overblown, setting the stage for an eventual recovery in oil prices.

Get this solution on the AWS Marketplace

/USE-CASE_02



Auto Manufacturing Index

The Problem

How did the shortage of semiconductor chips hurt auto manufacturers who rely on these parts to make finished vehicles?

Technology

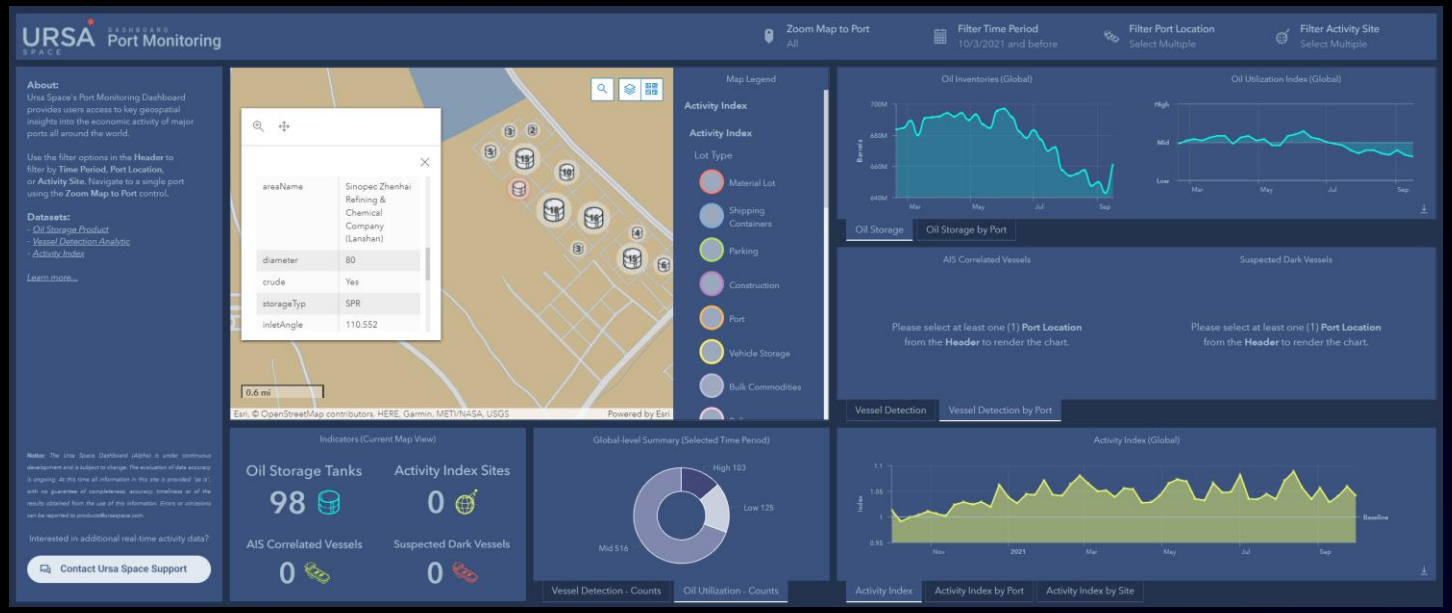
Ursa Space's Auto Manufacturing Index captures vehicle production trends that can be used to analyze performance by car maker and/or by country.

Our Answer

An unusually steep decline in China's AMI after a long period of stability preceded economic data showing a manufacturing slowdown related to semiconductor chip shortage.

Get this solution on the AWS Marketplace

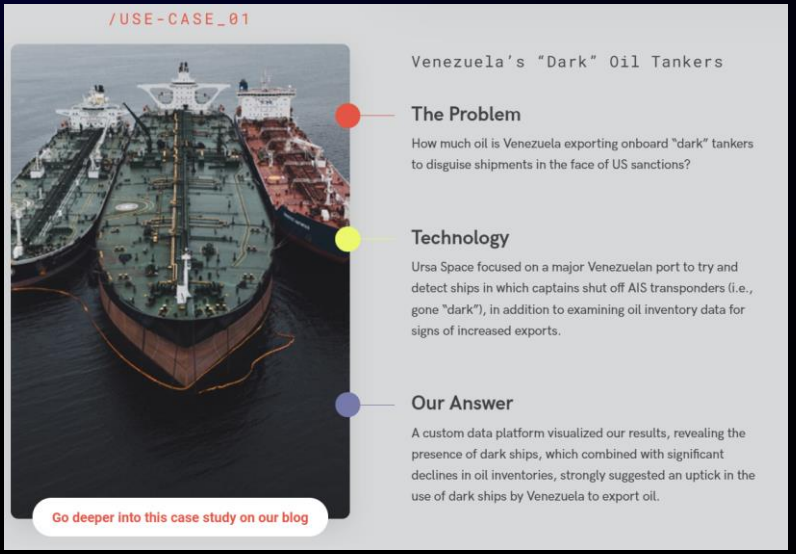


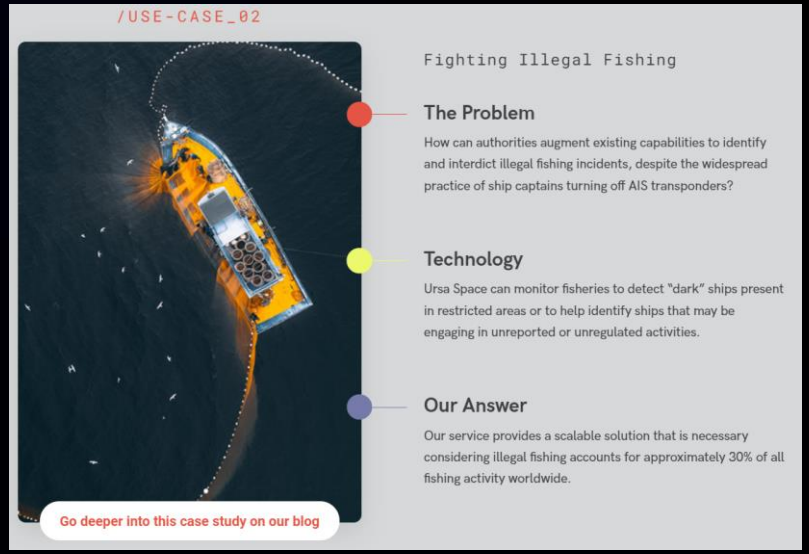


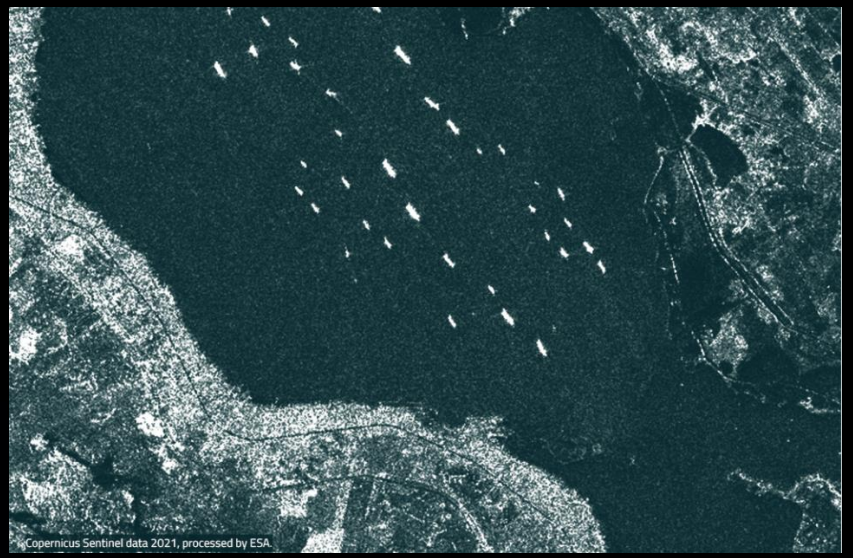
Core services:
Amazon EKS
Amazon RDS for MySQL
Amazon S3

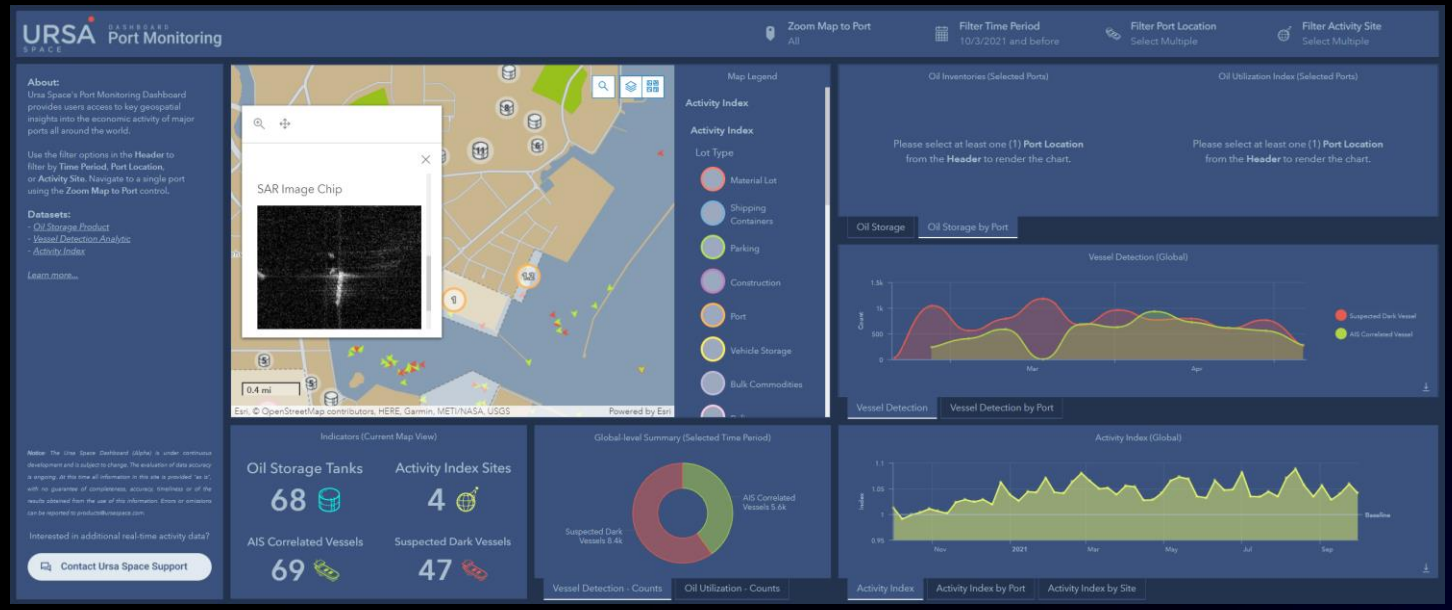
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Use case: Blue economy









Core services:
Amazon EKS
Amazon RDS for MySQL
Amazon S3
Amazon Kinesis Data Firehose
Amazon Athena

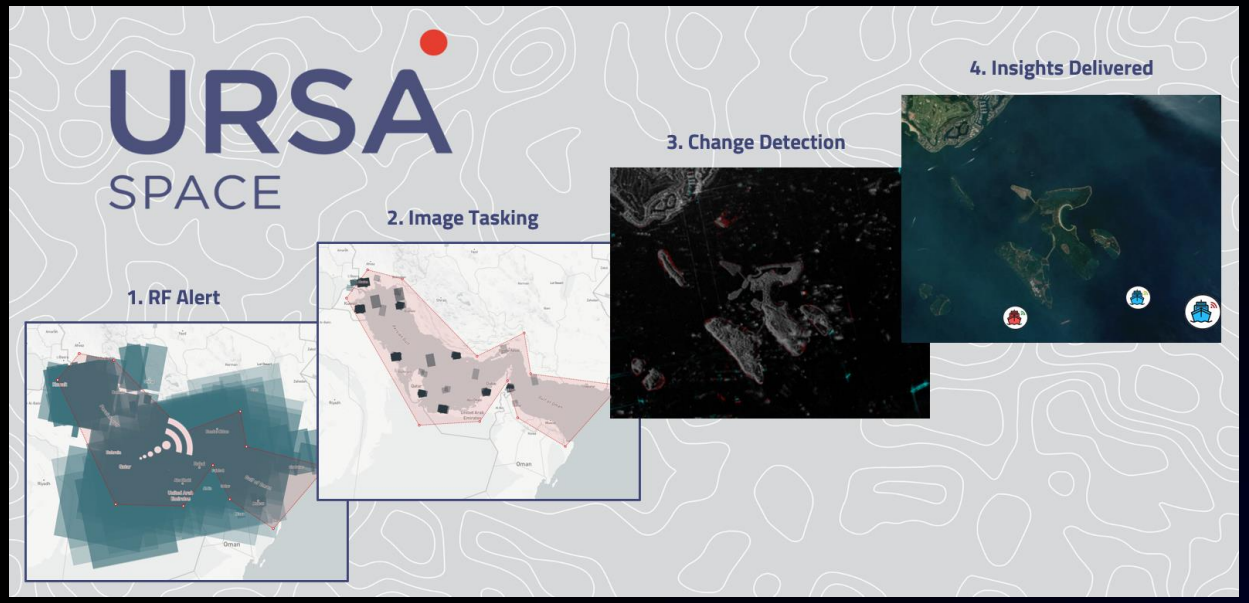
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Use case: Global security

vimeo.com/606838735







Core services:
Amazon EKS
Amazon RDS for MySQL
Amazon S3
AWS Ground Station

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