Maxar
Innovative capabilities that connect Earth and space

Presented by Ilya Yudin

MAXAR

In an era of unprecedented global transformations, organizations need fast, reliable insight to make impactful decisions.

Today, we can answer new questions *from space* in ways **never before possible.**

Public – External Recipients

MAXAR

Maxar is a world leading **space technology and intelligence** company.

We unlock the promise of space to help customers **solve problems on Earth and beyond.**

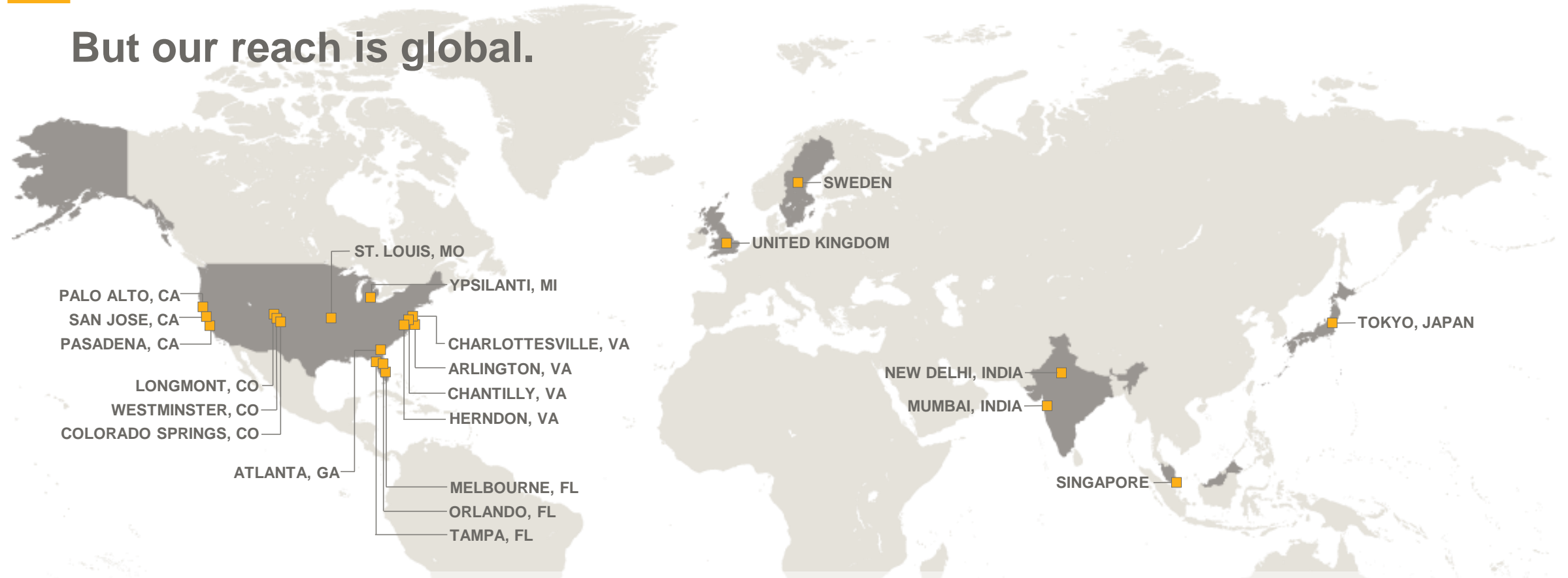Public – External Recipients

MAXAR

A leader in Space Infrastructure and Earth Intelligence, Maxar helps customers

- Detect, monitor and analyze global change
- Deliver broadband communications
- Advance space operations

MAXAR

But our reach is global.

PALO ALTO, CA
SAN JOSE, CA
PASADENA, CA
LONGMONT, CO
WESTMINSTER, CO
COLORADO SPRINGS, CO
ATLANTA, GA
ST. LOUIS, MO
YPSILANTI, MI
CHARLOTTESVILLE, VA
ARLINGTON, VA
CHANTILLY, VA
HERNDON, VA
MELBOURNE, FL
ORLANDO, FL
TAMPA, FL
SWEDEN
UNITED KINGDOM
TOKYO, JAPAN
NEW DELHI, INDIA
MUMBAI, INDIA
SINGAPORE

More than **20** locations

Customers in more than **70** Countries

170 Resellers

4,400 Employees

MAXAR

We operate the world's most advanced Earth imaging constellation.

Maxar's four imaging satellites capture **more imagery** at a **higher resolution** than other commercial imagery providers.

3.8M+

Square kilometers of Earth imagery capacity each day

1.4B

Square kilometers of Earth imagery capacity each year

LOOKING TO THE FUTURE

Maxar is designing and building WorldView Legion, a new generation of Earth observation satellites meant to serve our customers' evolving needs. WorldView Legion's six satellites will image Earth's most active areas more frequently, and at a higher resolution, than ever before.

MAXAR
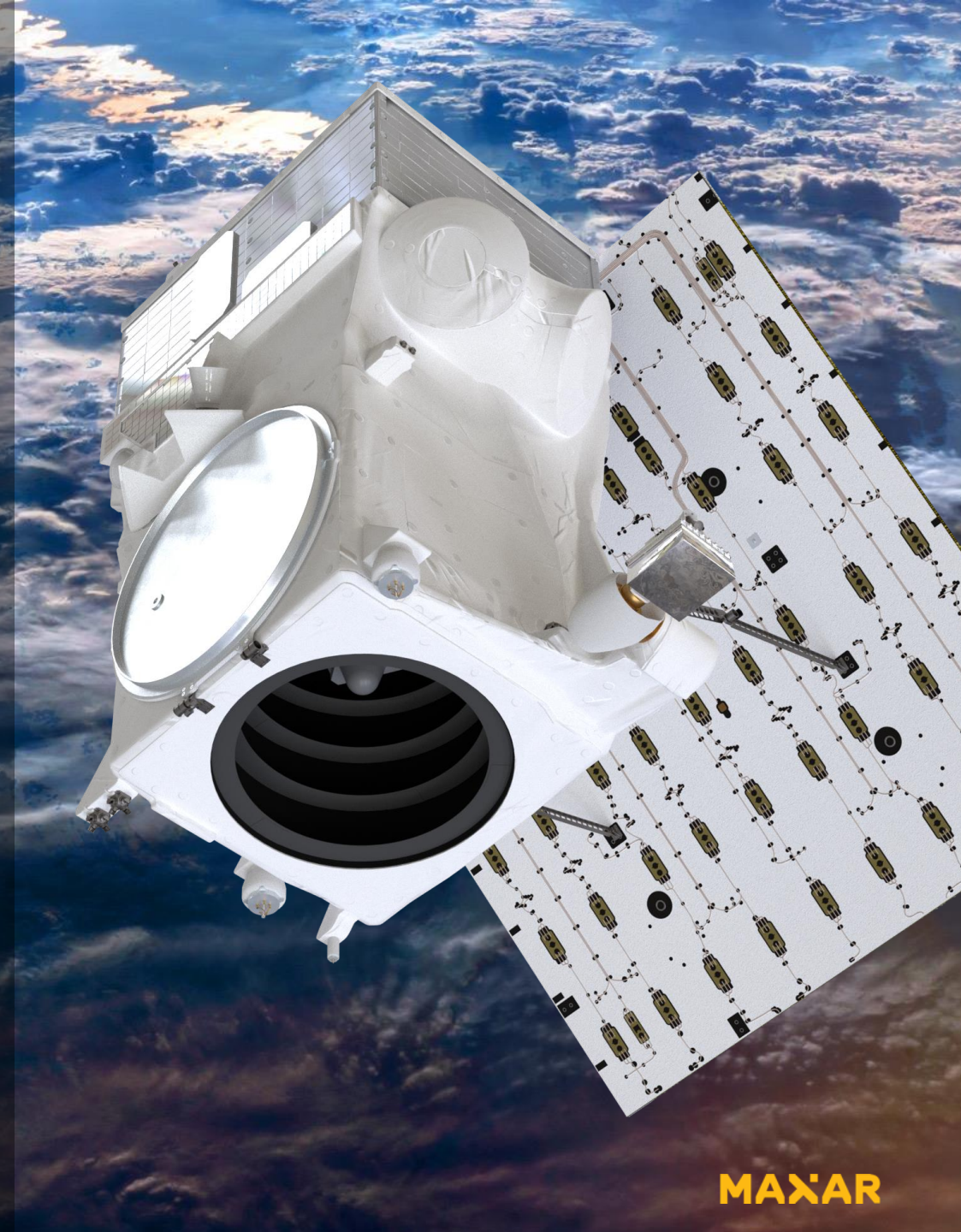
We do a lot more than that on Earth.

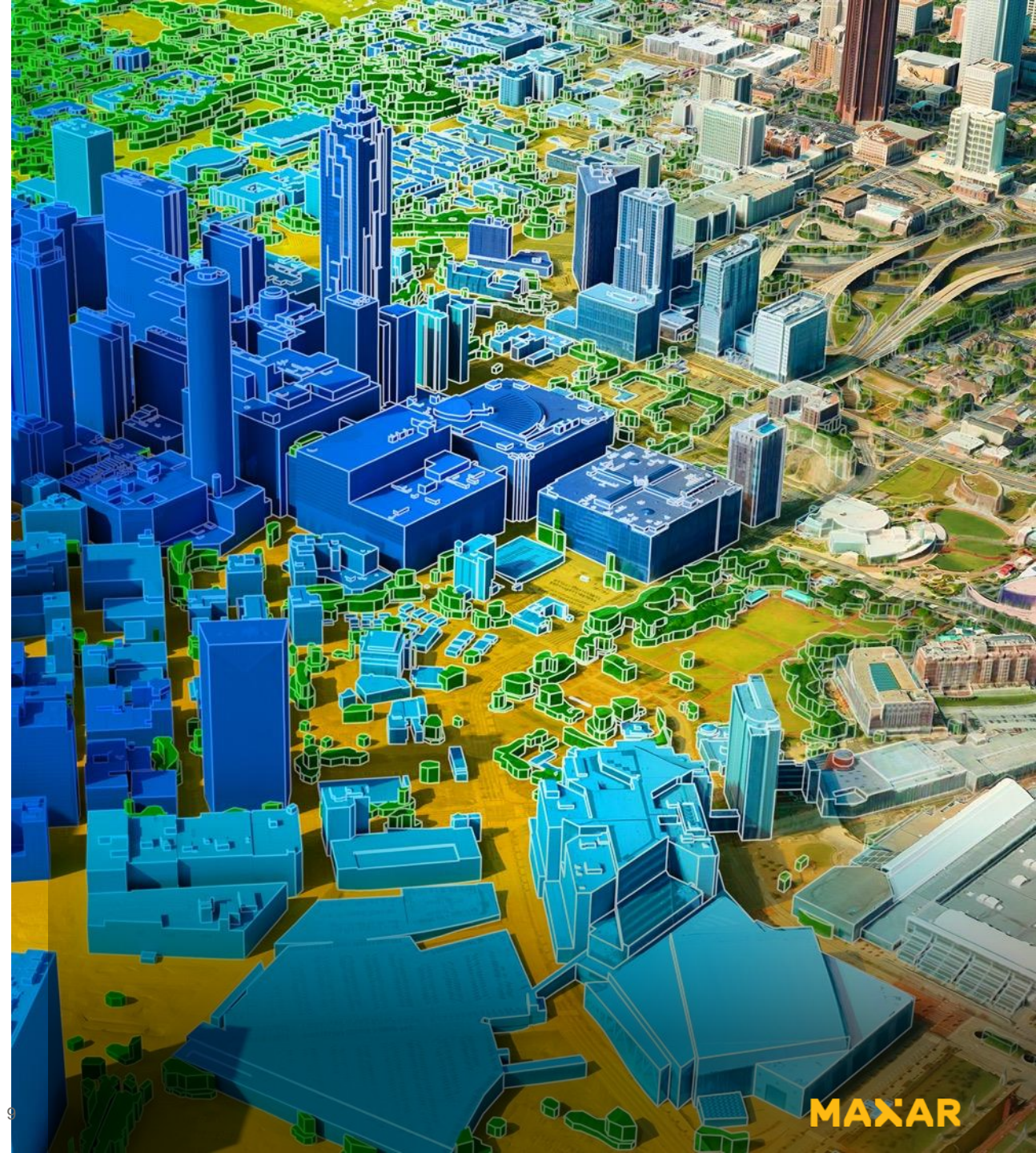## EARTH INTELLIGENCE CAPABILITIES

- Geospatial intelligence in 2D and 3D, fueled by satellite imagery and multi-source location data layers

- Analytics and geospatial services powered by machine learning and human expertise

125+

Petabytes of data
in our archive

700+

Software developers
on staff

Public – External Recipients

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We do a lot more than that in space.

SPACE INFRASTRUCTURE CAPABILITIES

Design, manufacturing and operation for:

- Communications and Earth observation satellites
- Space exploration spacecraft
- Solar electric propulsion
- On-orbit satellite servicing vehicles
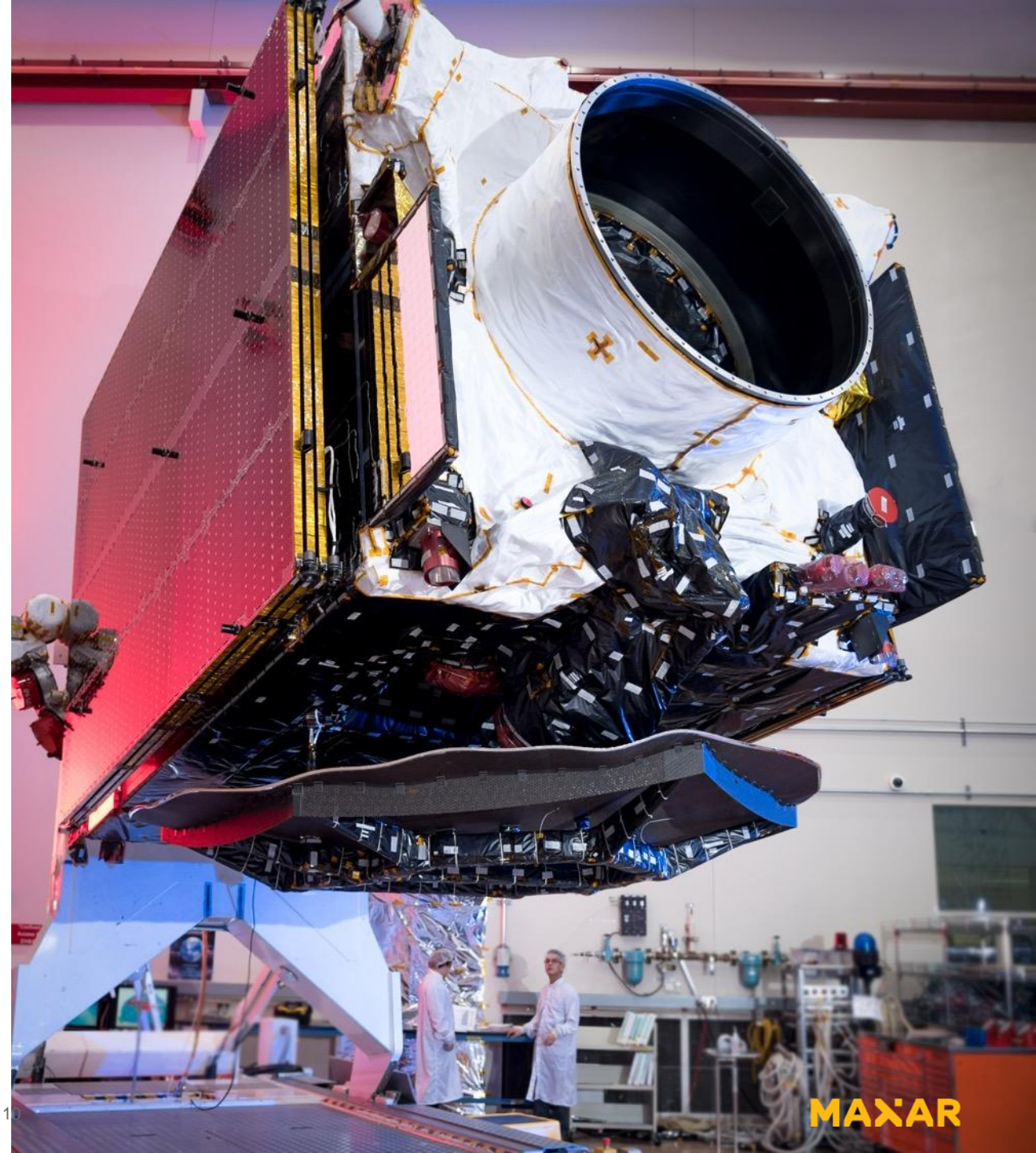- Robotics for space operations and exploration

80+
Maxar-built geostationary satellites on-orbit

285+
Maxar-built spacecraft launched

2,750
Combined years on orbit

Maxar serves dozens of commercial industries worldwide

Companies across the globe work with Maxar to protect and advance their competitive edge—improving customer experience, maximizing efficiencies and improving outcomes.

Telecommunications & broadband connectivity

Navigation & location-based services

Infrastructure planning and development

Remote monitoring and risk mitigation

MAXAR

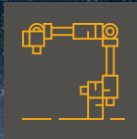# Maxar provides advanced capabilities across Earth and space

SPACECRAFT

Satellites and spacecraft for communications, Earth observation, space exploration and other missions

SUBSYSTEMS

Spacecraft components, such as solar arrays and solar electric propulsion

SPACE ROBOTICS

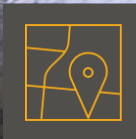Nimble robotics for on-orbit servicing and space exploration

SATELLITE ACCESS

Direct collection requests and access to Maxar's imaging satellite constellation

GEOSPATIAL FOUNDATION

Highest quality satellite imagery, basemaps and 3D data over any location on Earth

PRECISION MAPPING

Accurate, up-to-date datasets to create high-quality maps

ON-DEMAND INTELLIGENCE

Industry-leading technology, data and expertise to solve the most complex geospatial challenges

GEOSPATIAL SERVICES

Insights from machine learning and our team of geospatial expert analysts

MAXAR

Space Infrastructure

Maxar has been a trusted partner in commercial and government missions for more than 60 years. Our Space Infrastructure capabilities date back to the Apollo moon landing, and we continue to be at the forefront of innovation in space.

300+
Maxar-built spacecraft launched

2,750
Combined years on orbit

80+
Communication satellites on orbit

2.4+
Billion people rely on broadcasting services powered by Maxar-built satellites

MAXAR

Space Infrastructure
Product offerings

SPACECRAFT
Satellites and spacecraft for communications, Earth observation, space exploration and other missions

SUBSYSTEMS
Spacecraft components, such as solar arrays and solar electric propulsion

ROBOTICS
World leader in robotics for space, planetary exploration, on-orbit satellite servicing and terrestrial applications
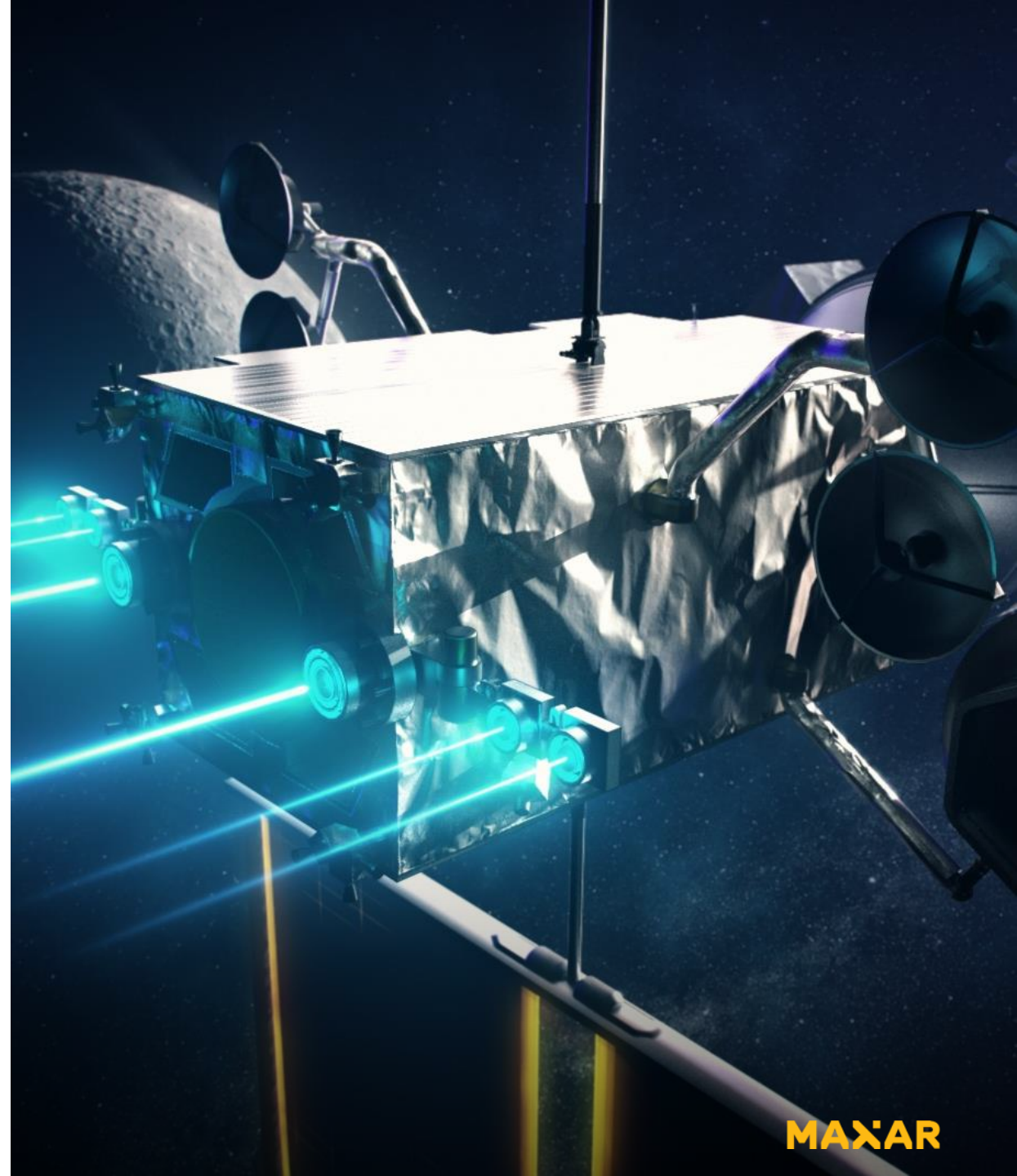
MAXAR

Pioneering innovative technology for NASA missions

Since humans first began exploring our solar system, Maxar has been supporting NASA with advanced capabilities and resilient infrastructure.

RETURNING ASTRONAUTS TO THE MOON
with the Power and Propulsion Element for the lunar Gateway

EXPLORING A NEW KIND OF ASTEROID
with a spacecraft for the first mission to explore 16 Psyche, an asteroid believed to be made of metal

TRACKING ATMOSPHERIC POLLUTION
with pollution monitoring sensor TEMPO on proven commercial spacecraft

MAXAR

Reaching farther into space

As humanity expands its reach across space, Maxar is developing critical technologies for sustainable space exploration and on-orbit operations.

POWERING THE SEARCH FOR LIFE ON MARS with robotic arms, including one for the recently landed Perseverance rover

EXTENDING SATELLITE LIFE SPANS with robotic arms designed for on-orbit assembly and service
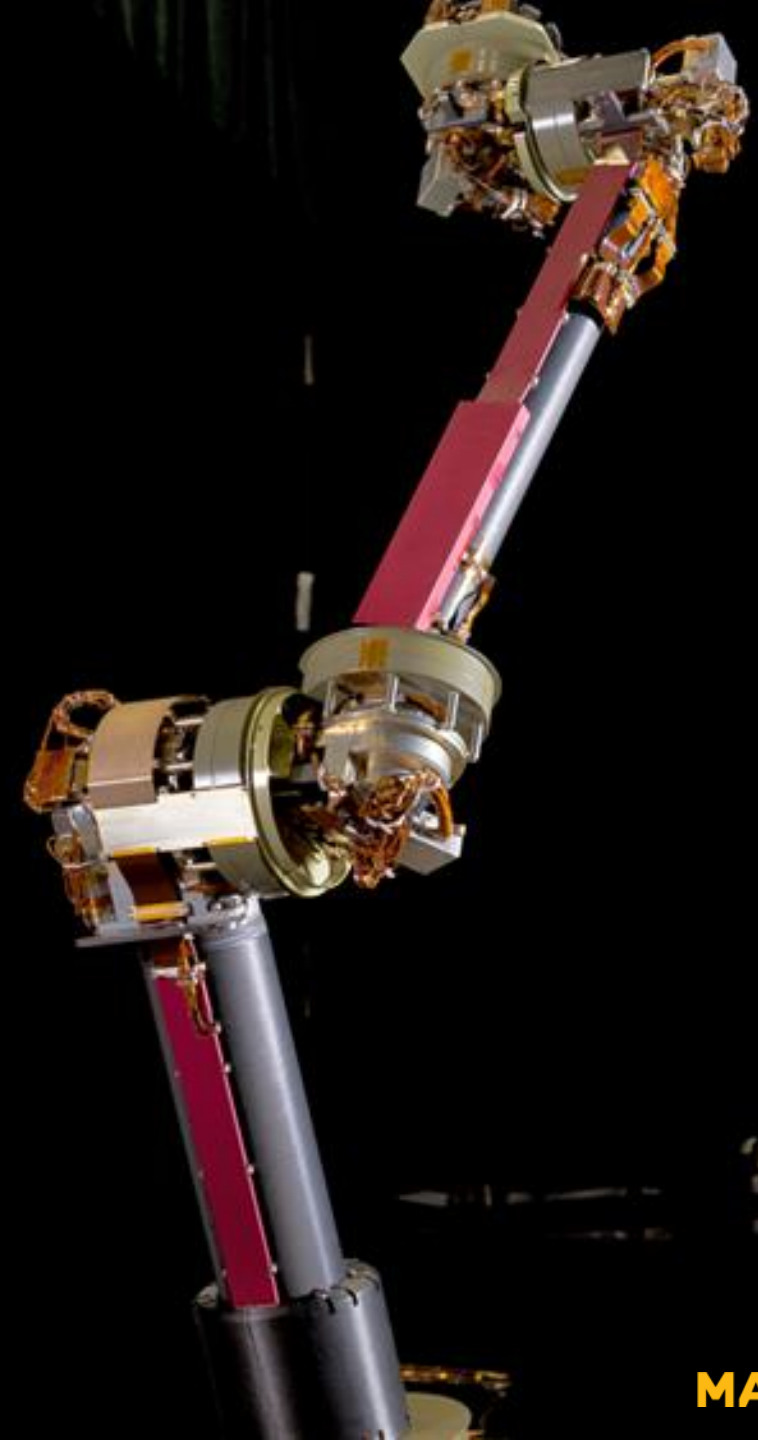
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Earth Intelligence

Maxar capabilities in Earth Intelligence help customers map, detect and predict change across the globe. Fueled largely by Maxar's own constellation of high-resolution imaging satellites, we provide high-resolution satellite imagery and derived data layers, machine learning and rich domain knowledge so organizations can make decisions with confidence.

3.8M
Square kilometers of Earth imagery capacity each day
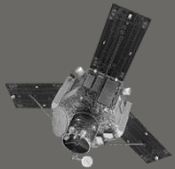
125+
Petabytes of data in our archive

20-year
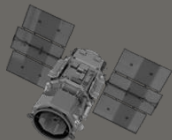Inventory of global change in high-resolution

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The Maxar satellite constellation

Maxar owns and operates the world's most sophisticated Earth imaging satellite constellation, providing the foundation for Maxar's capabilities in Earth Intelligence.
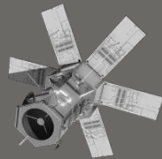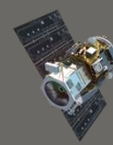
RETIRED / IMAGERY AVAILABLE IN ARCHIVE

ON-ORBIT / NEW AND ARCHIVE IMAGERY AVAILABLE

In production

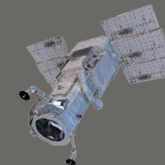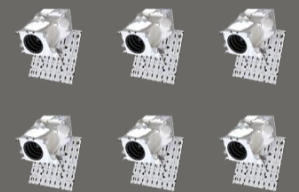**IKONOS**   **QuickBird**   **WorldView-4**   **WorldView-1**   **GeoEye-1**   **WorldView-2**   **WorldView-3**   **WorldView Legion**

MAXAR

Our next-generation imaging satellites

WorldView Legion is a fleet of six high-performing satellites that dramatically expands our ability to revisit the most rapidly changing areas on Earth to better inform critical, time-sensitive decisions.

- Will enable up to 15 revisits per day
- Triples Maxar's capacity to collect 30 cm class imagery
- Triples our overall capacity over high-demand areas
- Highest image quality and geometric accuracy available
- Simultaneous tasking, image and downlink with customer ground stations
- Compatible with global infrastructure and access programs for Maxar customers

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Earth Intelligence
Product portfolio

SATELLITE ACCESS
Direct collection requests and access to the world's most advanced commercial imaging satellite constellation

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PRECISION MAPPING
Accurate, up-to-date datasets and a collaborative mapping space to create high-quality maps

ON-DEMAND INTELLIGENCE
Industry-leading technology, data and expertise to solve the most complex geospatial challenges

GEOSPATIAL SERVICES
Insights from machine learning and our team of geospatial expert analysts

MAXAR

Geospatial foundation

Highest quality satellite imagery, basemaps and 3D data over any location on Earth

MAXAR

The highest-quality satellite imagery

OPTICAL IMAGERY

- Native 30 cm resolution and derived 15 cm HD imagery
- < 5 m CE90 positional accuracy
- Multispectral diversity

IMAGERY BASEMAPS

- Stunning, virtually seamless
- Accurate, consistent and actionable
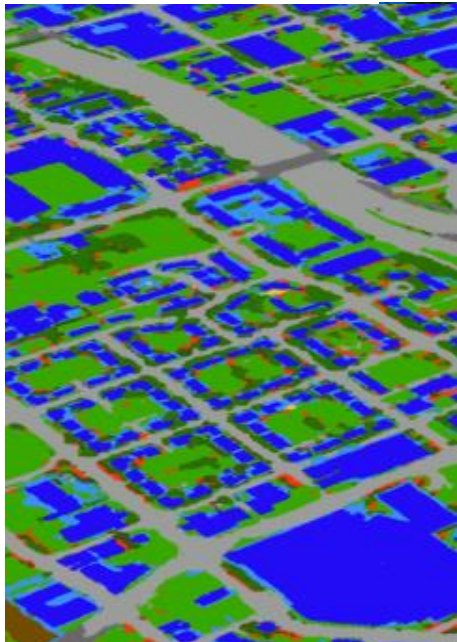- Local, regional and global scale

ANALYSIS-READY DATA

- Preprocessed time-series stacks of imagery
- Aligned and produced at a set standard
- Subscription access to our 125+ petabyte archive
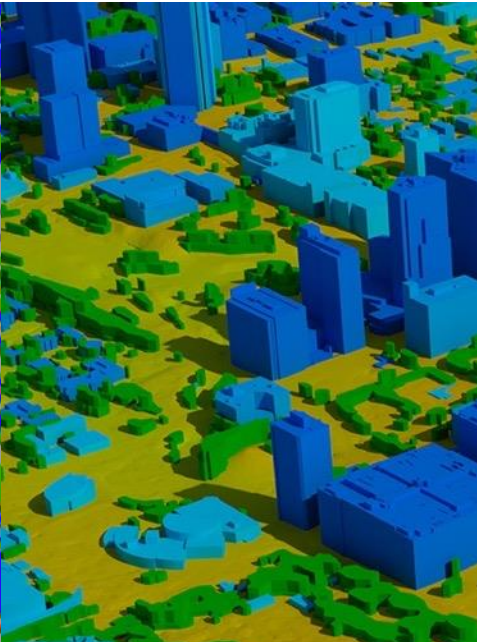
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Precision3D

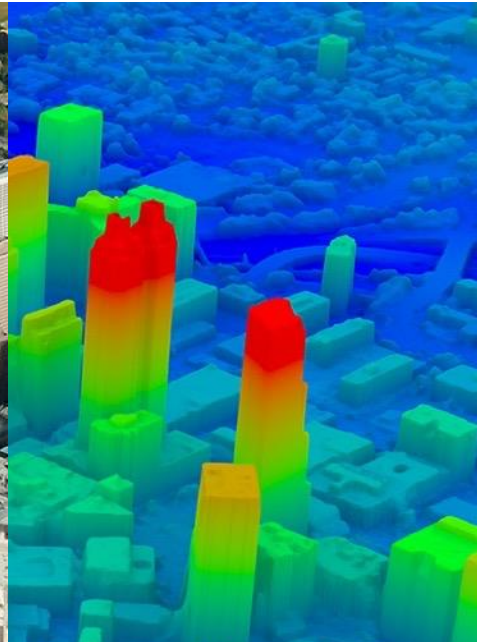See the world how it really is, in fully immersive 3D
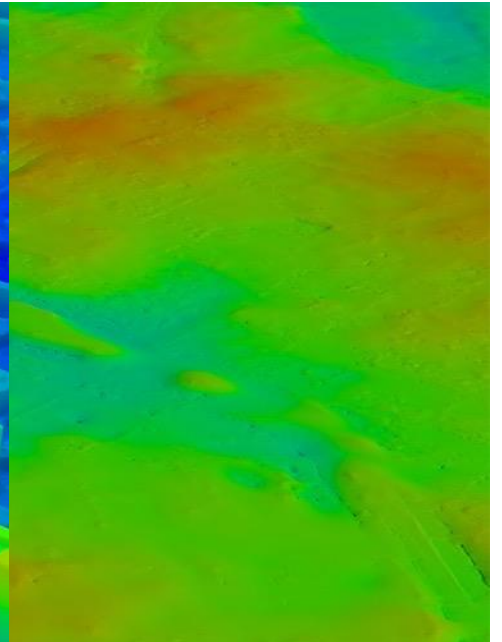

CLUTTER CLASSES

VECTOR BUILDINGS

3D SURFACE MODEL

DIGITAL SURFACE MODEL

DIGITAL TERRAIN MODEL

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Explore innovative capabilities that connect Earth and space at

www.maxar.com

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