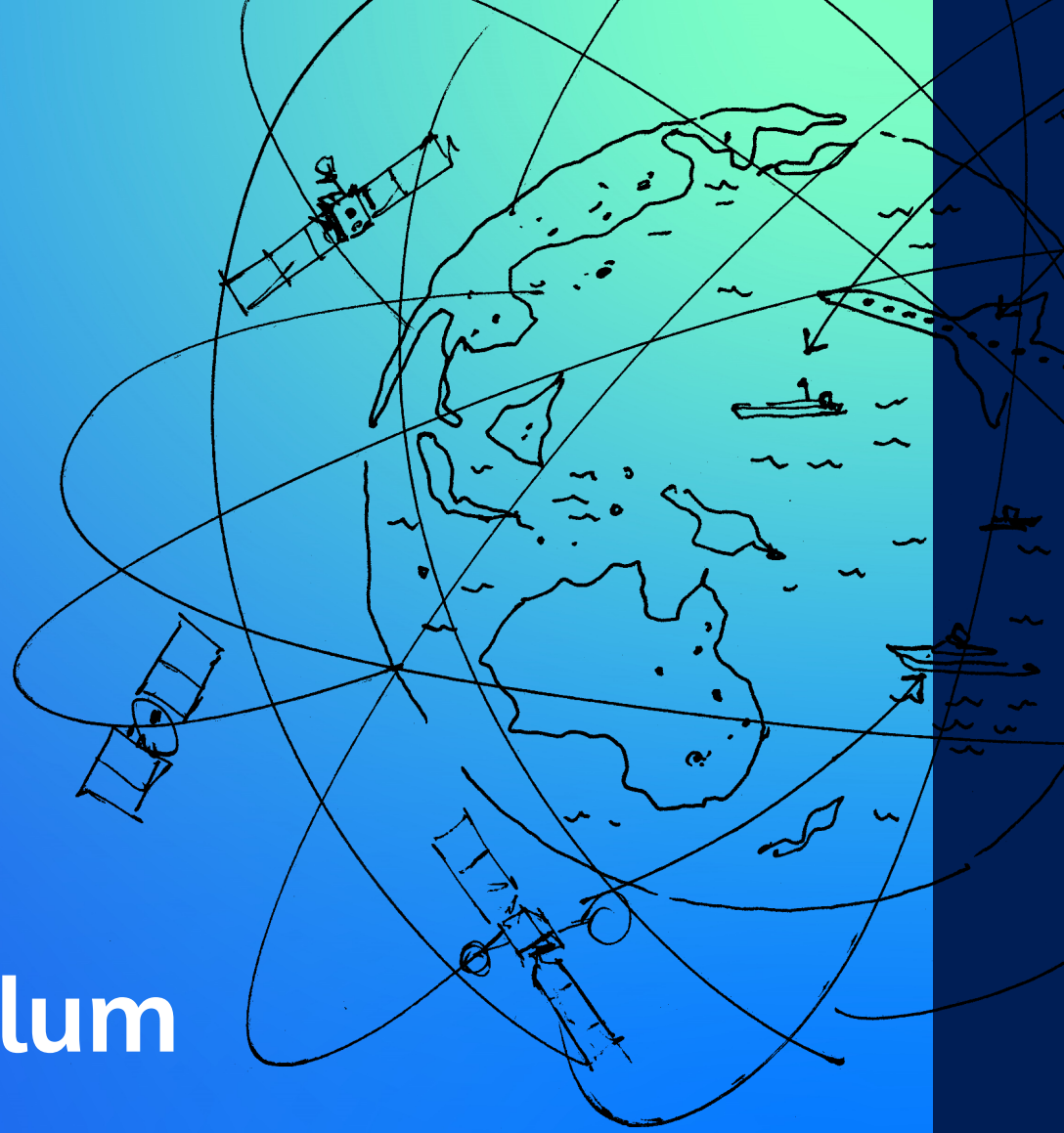
STIFEL
Cyber School Curriculum



Jacobs

Challenging today.
Reinventing tomorrow.

Who We Are

Our combined Cyber & Intelligence footprint allows us to become true enablers for delivering the next generation solutions into Multi-Domain and Joint All-Domain operations for mission-critical clients.

Key Capabilities

PREPARING
your people, processes, and technologies to withstand adversary advances and remain ready throughout the contested domains.

DELIVERING
proactive and reactive mission-tailored operations.

PROVIDING
data-centric solutions that create key insights and transform data into actionable intelligence.

Differentiated Solutions

- Advisory & Consulting
- Audit & Assessment
- Cyber Training
- Digital Services

- Offensive Operations
- Defensive Operations
- Security Operations
- Information Operations

- AI & Machine Learning All Source Intelligence
- Data Science
- Insights

Supporting Multi & Joint All-Domain Operations

Land | Air | Sea | Cyber | Space

By the Numbers

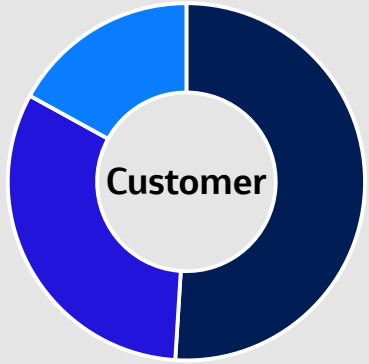
3300+
CYBER & INTELLIGENCE PROFESSIONALS

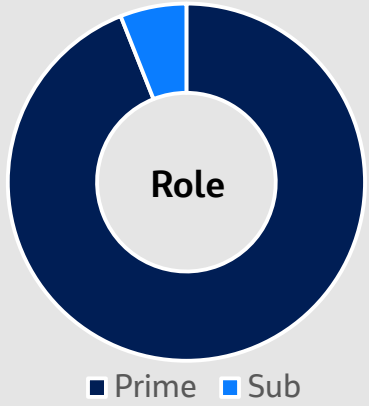
90%
CLEARED PERSONNEL

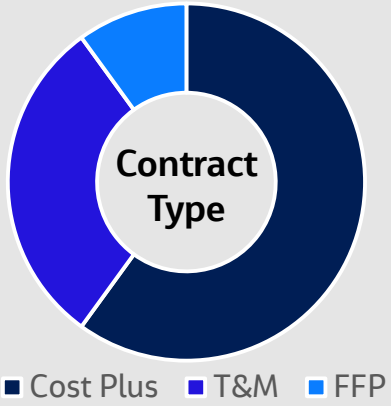
150+
ACTIVE PROJECTS

30+
LOCATIONS

Revenue Statistics

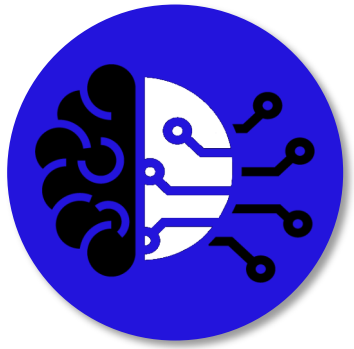






The Cyber Domain

An information environment that includes assets such networks, technology, infrastructure and data.



Artificial Intelligence

FY19 ($1.2B) / FY20 ($1.7B) / FY21 ($2.4B)



Cybersecurity

FY19 ($16.6B) / FY20 ($17.4B) / FY21 ($18.7B)



Geospatial

FY19 ($11.8B) / FY20 ($14.1B) / FY21 ($18.8B)



Cloud Services

FY19 ($6.2B) / FY20 ($7.5B) / FY21 ($9.1B)



Digital Services

FY19 ($5.2B) / FY20 ($5.7B) / FY21 ($6.3B)

*President FY21 Budget Request

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Investment Highlights

ADDRESSABLE MARKET

*President FY21 Budget Request

$740B DEFENSE

$85B INTELLIGENCE

$627B FEDERAL CIVILIAN

$19B CYBERSECURITY

MISSION CRITICAL FOCUS

Growth-Oriented Strategic M&A: *Capabilities, Customers, Contract Vehicles, Past Performance, People*

2014 — Expands capabilities within the **Intelligence Community**

2016 — Adds **Cyber** capabilities within the **Intelligence Community**

2017
- Expands **cyber, data analytics, and application development** capabilities.
- Presence within the **Federal Civilian Market**

2019 — Expands **ISR, advanced engineering** and technology solutions in the key growth areas of **intelligence, cyber and counterterrorism.**

2020

ACCELERATED ORGANIC INVESTMENTS

Ginkgo+ Powered By Jacobs

Web-based Cyber Learning Management Environment

NIAP approved Data At Rest encryption module for Samsung mobile devices

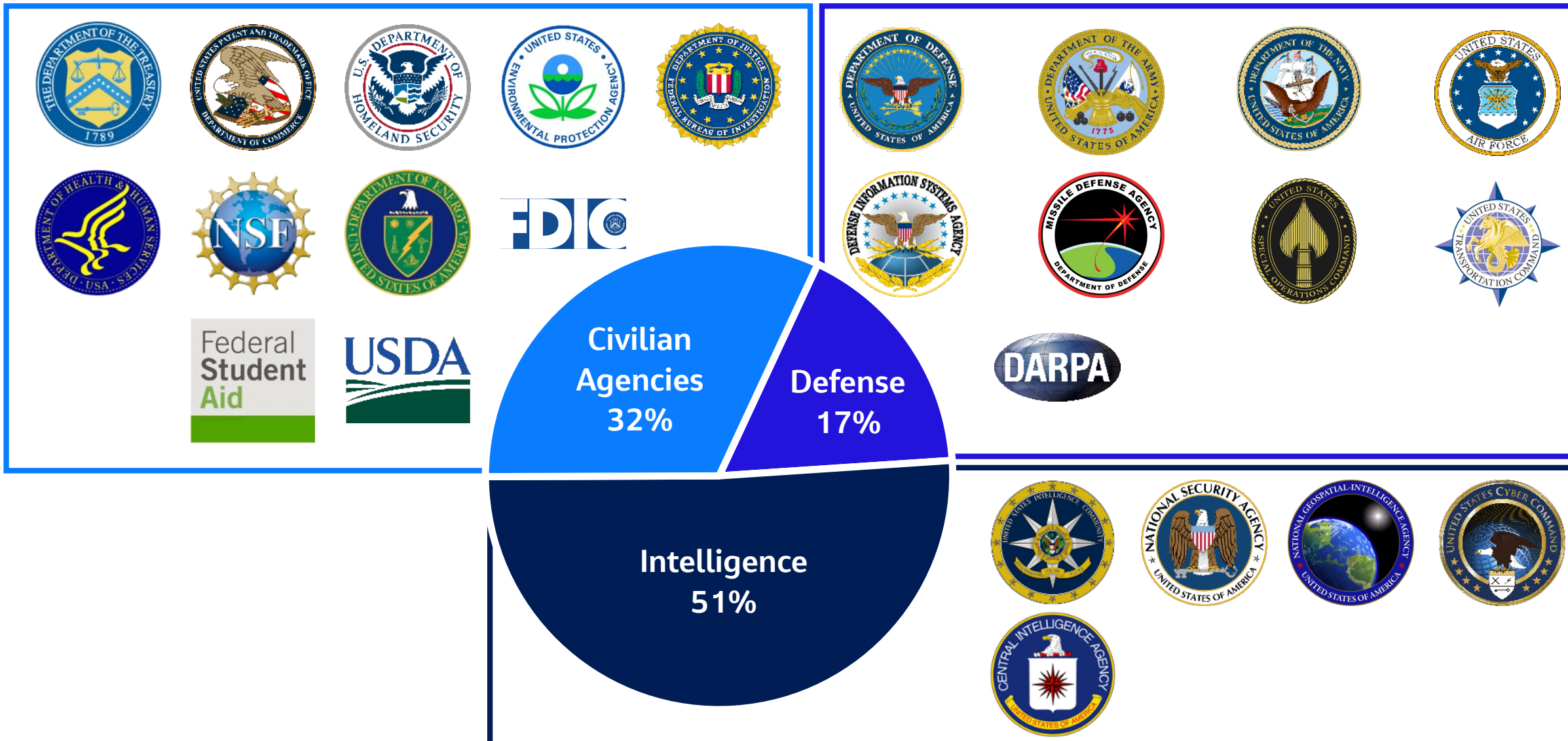
KeyProtect Powered By Jacobs



- Inclusive & Diverse Workforce
- Top Industry Leaders
- Experienced Leadership Team

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Key Clients We Support



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PREPARING your people, processes, and technologies to withstand adversary advances and remain ready throughout the contested domains

Advanced Training

Classified

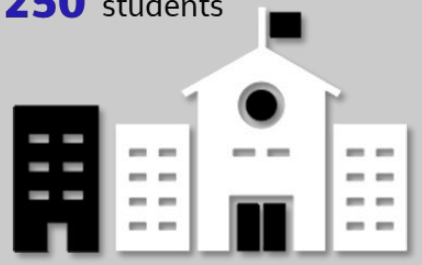
Offensive/Defensive Cyber Operations Training

CYBER TRAINING
design, development, delivery, maintenance, and improvement

Training Facilities

50,000 ft.²

- **11** classrooms
- **7** classified classrooms
- **2** multi-media rooms
- **250** students



student center | gaming center
café & fitness center

Provide **classroom** instructor-led courses

Provide **eLearning** courses and blended courses

4 **courses** ranging 6-13 weeks

20 students per class
18-20 classes per year

Qualified **CNO** professionals

Cyber Training Academy

Cyber Training
2,600+ personnel annually

Personnel Certification
computer incident response & forensic examinations



Jacobs Cyber Training Innovation Center
10 modern classrooms
200 students
100+ staff

Jacobs' cloud-based Ginkgo+ Cyber Learning Management Environment

Jacobs' Triple Advantage instructional systems
industry leading design methodology

10 Courses

- Cyber Analyst
- Network Intrusions
- Cyber Incident Response
- Network Mapper
- Forensics and Intrusions
- Network Traffic Collection
- Log Analysis
- OpenVAS
- Managing Cyber Investigation Units
- Windows Forensics

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DELIVERING proactive and reactive mission-tailored operations

Information Operations

information operations support freedom of action in the information environment



25 Reserve Battle Assemblies Supported



20 **Rapid Planning Exercises** for Active and Reserve planners



4,000+ media events collected, translated, assessed, reported



40 Mobile Training Team Missions CONUS/OCONUS



8 Information Operations Warfare Seminars

1,385 students trained



4 Information Warfare Seminar instructors supported



Security Operations



13 M students globally



6,500+ post-secondary Institutions



Protect **$1.5 trillion** **loan portfolios** and **150M Americans' PII.**

Provide the foundation for **monitoring, incident alerts, response and remediation** of cyber risks to student records and financial loan data







Continuously improving **proactive threat identification**



Trend analysis and big data analytics

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PROVIDING data-centric solutions that create key insights and transform data into actionable intelligence.

Cyber Mission Center

Producing **all-source strategic and operational intelligence analysis** on overt and covert malign foreign influence targeting federal, state, and local governments, US private organizations, or the public



Products disseminated throughout

17 federal organizations

70+ SLTTP fusion centers

Reaching **100K+** unique consumers



Services

- intelligence analysis
- data analysis
- data visualization
- data science
- application development
- overt and mis-attributed intelligence collection



Supporting

- DHS Intelligence Enterprise
- State and Major Urban Area Fusion Centers
- Private Information Sharing and Analysis Centers (ISACs)

National Counterterrorism Center

18 years on contract



Services

- Disseminate raw and finished intelligence products
- Coordinate with U.S. and allied entities worldwide
- Conduct screening and vetting of immigrants and refugees
- Research, draft, coordinate, and edit articles for publication
- Develop intelligence-related strategy and policy documentation, including products used in Congressional testimony
- Identify IC collection gaps and evaluate solutions



Provide analytic and mission support, including to the 24x7 NCTC Operations Center



Analyze data feeds to connect information across the counterterrorism community



Support analysis, coordination, and report production

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Challenging today.
Reinventing tomorrow.

1

Growth Oriented

- Cyber spending continues to increase
- Jacobs continues to be mission focused

2

Differentiated Capabilities

- Industry leading talent, people are our biggest assets
- Unique Intellectual Property used to support the mission

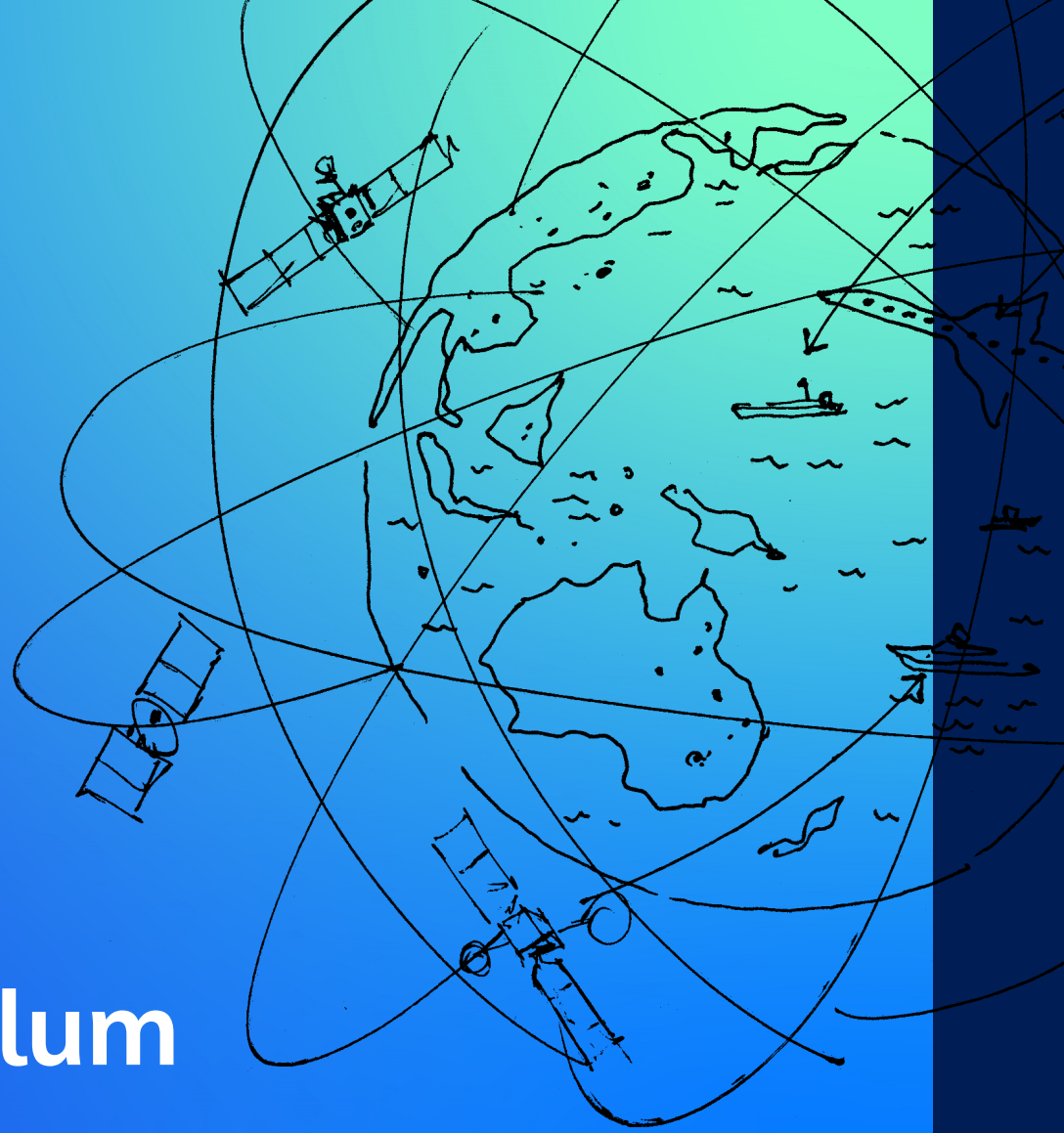
3

Our Journey

- Continued organic investment
- Strategic M&A that gives Jacobs the competitive advantage

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Reinventing tomorrow.