



Providing Solutions for the Most Critical Challenges in Policing

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. In the UK, we provide solutions that not only transform public services, but change the World for the better.



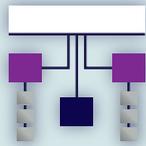
OUR CAPABILITIES

Leidos provides a broad range of solutions and services to public organisations across the UK. We specialise in developing critical services and supporting large scale technology transformation programmes that are designed to deliver business improvement and efficiency.

From transition to fully digitised government services, secure hybrid cloud, business process optimisation and business intelligence capabilities; our ability to deliver transformative digital solutions for the public sector is unmatched. We invest in technical core competences, including the following centres of excellence:



INFRASTRUCTURE
& CLOUD



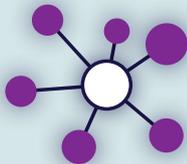
APPLICATION
INTEGRATION &
DEVELOPMENT



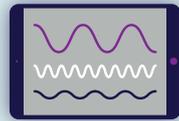
DATA SCIENCE
AND ENGINEERING



SYSTEMS
INTEGRATION



SERVICE MANAGEMENT,
TRANSITION & SIAM



PROGRAMMES,
PROJECT & PORTFOLIO
MANAGEMENT



CYBER
SECURITY



OPERATIONS AND
LOGISTICS

EVOLVING TECHNOLOGY TO MEET THE CHANGING FACE OF CRIME

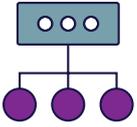
Policing faces a period of unprecedented change. The population of the UK is growing and becoming increasingly multicultural. Visitors from around the globe swell that population every year. Demographically, the more vulnerable groups are growing (the youngest and oldest, and those with mental health needs). The threat of terrorism remains severe and the threat landscape is becoming increasingly complex. Modern slavery and trafficking are an emerging problem, fuelled by organised crime. In the UK we also host major events and high-profile visitors requiring special consideration.

Advances in technology are changing the public's expectations of service and accessibility. The public increasingly expect the police to be more responsive to their needs. An evolution of the approach to policing that ensures better data management must translate into an improved, more accessible services for citizens, whilst also making greatly improved use of resources.

Managing with aging systems is further complicated by the need to adapt to changing types of crime, alongside dealing with the normal day to day challenges of policing in the UK. The public expect digital channels to be more readily available to enable them to communicate with the police. Police are having to respond to crime that is more complex and costly to investigate. While there have been decreases in traditional crimes, the identification and reporting of more complex crime types including terrorist offences, sexual offences and online crime has risen and is expected to continue to do so.

The Covid-19 crisis has challenged British policing to make fundamental changes in the way it works and provide at rapid pace solutions to changing threats, risks and demands in both the physical and virtual worlds. The speed at which policing has adjusted to new circumstances is admirable – unimaginable in any normal year.

The changing face of crime and a continually growing population means policing needs to constantly evolve to meet the demands of both today and tomorrow.



DIGITAL POLICING - FORENSICS, INTELLIGENCE & INVESTIGATION

Understanding how technology is impacting the world we live in, will inform the approach to building systems that can deal with the changing types of crime.

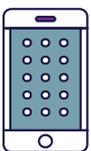
Our world is evolving; the crime scene of the future will include the internet of things. Crime is becoming more digital and the focus on cyber will only continue to grow.

In the aftermath of September 11, 2001 our U.S. customer chartered a central hub for document exploitation and sharing of captured and seized document and electronic media associated with the Global War on Terrorism.

Their challenges include:

- ▶ The exponential increase in volumes of data available; the variety of data and number of devices needing to collect data from
- ▶ The increasing complexity of data
- ▶ The number of technology solutions available to solve specific problems, but nothing that does everything
- ▶ The evolution of technology and the pace that it is happening
- ▶ Varying user requirements, even at an organisational level
- ▶ The need to use automation / machine learning to reduce the burden on resource (people), ensuring time is spent on only the most important activities

Nearly 20 years on, the solution continues to evolve ensuring the rapid collection, processing, translation, analysis, exploitation, dissemination, sharing of all captured, seized, and otherwise acquired media to meet the needs of intelligence, counter-intelligence, defence, homeland security, law enforcement and other U.S. government consumers to enhance the safety and security of the Nation.



SOCIAL MEDIA & OPEN-SOURCE INTELLIGENCE SOLUTIONS

The Internet has become the Town Hall of the future. The way people communicate and share opinions is evolving; a vast amount of this is now happening online.

Organisations understand that ways to gather intelligence are changing, meaning the Internet is becoming an increasingly powerful tool to aid the solving of and prevention of crimes. We provide customers with access to a wide range of online media

using advanced analysis tools to identify under the surface insights from digital content.

The Defense Information Systems Agency (DISA), with support from Leidos, is spearheading this effort under the Global Information Grid Services Management Operation programme to modernise Department of Defense communications and networks.

Exponential growth of data overwhelms the ability of DoD customers to collect, digest, and interpret available information in support of operational decision-making.

Our team includes analysts and linguists who are highly proficient with big-data tools, social media, and culturally attuned searches in-language to find data on the open or deep web to answer customer priority intelligence requirements. For our government customers, the focus is on identification of networks and influencers, including geolocation, to identify emerging issues, sentiments, threats, and create tipsters for customer action, or additional government collection using specialised assets.

Leidos has developed a robust threat intelligence platform fusing social media with the full universe of publicly available information data types (text, images, video), to support the growing OSINT needs of the intelligence analyst community.



MISSION-CRITICAL SYSTEMS & BIOMETRICS

The world is shrinking and people are becoming increasingly transient. With the continual threat of terrorism and the mass of illegal migration, the need to effectively protect our borders and understand who is moving across them is an absolute imperative.

Identification of individuals is a critical factor in ensuring we are successful in protecting our national security and ensuring our citizens are safe.

From identifying persons of interest to vetting individuals for employment and access control, Leidos understands the power of using a person's unique identity to secure critical missions.

We delivered the largest information technology programme ever for the U.S. Department of Justice—the FBI's Next Generation Identification programme. State, local, federal and tribal authorities rely on this state-of-the-art, multimodal biometric identification system to identify bad actors and keep citizens safe.

Other capabilities include:

- ▶ Advanced Biometrics
- ▶ Security Risk Assessment
- ▶ Security Plans, Policies and Procedures
- ▶ System Security Design

- ▶ Penetration Testing
- ▶ Security Operations
- ▶ Security Information and Event Management
- ▶ SecDevOps
- ▶ Service Integration and Management



THREAT INTELLIGENCE & SHARING

Criminals are becoming increasingly tech savvy, meaning the challenge to protect our technology boundaries is evolving at pace.

Regular, accurate and actionable cyber threat intelligence is key to a well-protected infrastructure.

Through a combination of our own Security Intelligence Centres, the Cyber Security Alliance and our portfolio of Open Source Intelligence tools; Leidos ensures predictability on the threat landscape at any given time.



COMMAND & CONTROL

To deal with an increasingly complex landscape, Policing is revising its operating model; restructuring frontline policing to operate at greater scale, improving processes and reducing handovers to increase productivity. Officers are increasingly mobile and use technology to allow quicker access to information.

The emerging reality for policing today is higher public expectations, ever-increasing demand, growing levels of risk and the need for more agility to keep up with accelerating social and technology change.

Transforming how people contact the police, channel shift, reducing bureaucracy and easing interaction reduces demand. This results in improved service and the ability to better meet public expectations. Command and Control sits at the heart of this public interface.

The solution that Leidos delivers includes:

- ▶ Modern, easy to use, flexible, scalable, resilient cloud-based system
- ▶ A multi-channel communications platform with an information orientated planning and dispatch capability
- ▶ An agile configuration and deployment
- ▶ Designed on proven COTS products, developed by industry-leading players with long term product roadmaps ready for future developments
- ▶ Designed to facilitate improved information sharing between police and other emergency services with a dispatch capability that supports a multitude of data

sources, including ever increasing integration of live multi-media situational awareness information from CCTV to live drones and beyond

- ▶ Incorporated technical and business change capabilities supported by collaborative ways of working
- ▶ Provides predictive analytics and AI to augment human capability allowing forces to take advantage of technology development to continue the evolution of rapid decision making.

Our best of breed solution meets today's demands of policing with greater certainty and efficiency, without disruption and commits to long-term futureproofing. Ready for the challenges of today, ready for the emerging new realities of tomorrow.



REAL TIME VIDEO ANALYTICS - AIMES

Effective real time situational awareness is an imperative to being able to successfully manage planned and spontaneous major events.

As an industry leader and programme of record for the United States Air Force Distributed Common Ground System (AF-DCGS) and United States Army Distributed Common Ground System (DCGS-A), we have years of experience in information exploitation and knowledge management solutions. This knowledge, in conjunction with user requirements, led to the development of the AIMES product line.

AIMES is a product of years of experience combining advanced analytic functions with an intuitive graphical user interface designed to support motion imagery processing, exploitation and dissemination. As a suite, AIMES is capable of streamlining motion imagery analysis by managing content across multiple, independent data stores and leveraging metadata richness and mission synchronisation.

The solution:

- ▶ Exploits real-time video and map data
- ▶ Scales from a single laptop to a full server room
- ▶ Supports multiple formats and feeds that can be simultaneously viewed
- ▶ Enables the user(s) to derive intelligence rapidly from video and the ability to collaborate and exploit the information real time and at pace
- ▶ Can be implemented to support multiple simultaneous events on demand
- ▶ Enables enhanced exploitation and analysis
- ▶ Improves collaboration and performs multiple tasks in one easy-to-use interface
- ▶ Enables the streaming of saved footage for further review and analysis



Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$11.1 billion for the fiscal year 2019. Leidos UK/Europe has more than 1,000 employees servicing public services, transportation, health, energy, and defence clients.

FOR MORE INFORMATION

Roz Barrance
Phone: 07772 607860
Rosalind.J.Barrance@leidos.com

www.leidos.com/uk



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