

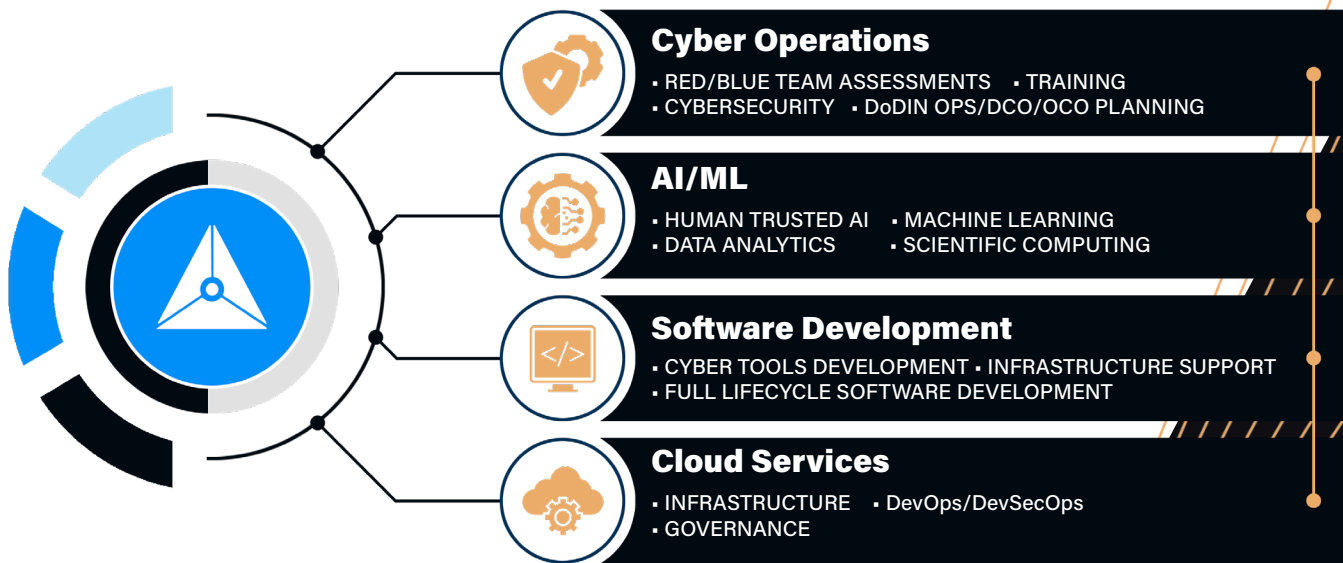


# APERIO GLOBAL

## Solve for **Next**

Founded in 2019, **Aperio Global** is a hyper growth company headquartered in the Dulles Technology Corridor near Washington, DC – also known as the Silicon Valley of the East. In just four short years, the company has expanded its footprint to tech and cyber-focused locations to include Augusta, San Antonio, Colorado Springs, and Fort Meade, MD (USCYBERCOM headquarters).

Our core capabilities are Cyber Operations, Artificial Intelligence/Machine Learning (AI/ML), Software Development, and Cloud Services; technologies at the center of digital transformation. We service global industries to include Government, Technology, and Healthcare.



### Company Profile

**FCL:** Top Secret  
**CAGE:** 89JF0  
**UEID:** EAXMYAR1KRA8  
**DUNS:** 116993065  
**Socio:** SBA 8(a), Exp 06/2031  
**NAICS:** 541330 (Primary) | 541611 | 541618  
541512 | 541513 | 541519 | 561110  
518210 | 611420 | 611430



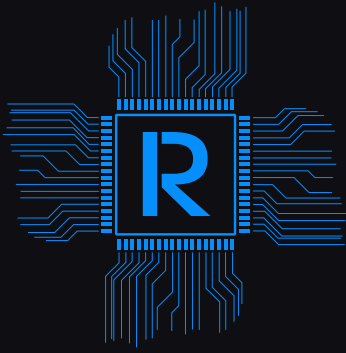
### Leadership

**CEO:** Mr. Earl Stafford, Jr.  
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**RUSSEL**  
Remote Unsupervised Security Sentinel



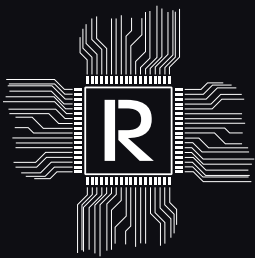
According to Statista, the world will generate over 200 zettabytes of data by 2025; that's 200 billion terabytes of data to manage. Forbes reports that 95% of businesses cite the need to manage unstructured data as a major problem. The data, the demand for it, and the challenges around both continue to grow at unprecedented rates.

Aperio Global has the solution: **Remote Unsupervised Security Sentinel (RUSSEL)**.

RUSSEL is a patented technology that automates data cleaning and preprocessing while providing a machine learning model for data prediction and noise reduction.

RUSSEL integrates deep learning algorithms and custom unsupervised machine learning processes to deliver fast, precise results that reduce the time and cost of accessing business/mission critical information. RUSSEL is delivered as a set of lightweight containers that are deployed securely onsite or via cloud-based services such as Amazon Web Services, IBM Cloud, Google, MS Azure, or any cloud provider of your choice.

RUSSEL is designed to be a fast, secure, and reliable platform for creating robust predictive models with complex datasets. With intuitive drag-and-drop functionality, our system makes it easy to build custom models quickly and accurately. On top of that, our cloud-based framework allows users to access their data from anywhere, anytime. Our industry-leading security protocols ensure that your data is safe and secure.



Click **HERE** to learn more about the power of RUSSEL.

## CURRENT STATE

- **Poor Consumer Interpretation**
  - Lack understanding of output
  - Lack of trust in output
- **Garbage In Garbage Out**
  - Poor data labeling prior to AI/ML leads to poor outcomes
- **Slow Delivery Speed**
  - Long computation time decrease relevancy of results
  - Rapidly changing environments are challenging



## RUSSEL SOLUTION

Provide customers with the ability to discover new patterns and behaviors without the need to have seen them previously - discovering the unknown

Custom unsupervised machine learning system to automatically learn, establish relationships, and generalize data regardless of type

### Value Proposition

- Machine Learning Model
- Reduced/Clean Data
- Speed - Improved Processing Efficiency
- Customer Trust

