

lightening round proposal

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To: ReSCIND Proposers Day <dni-iarpa-ReSCIND-proposers-day@iarpa.gov>

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Hello,

I'd like to be considered to present at the Rescind proposers day lightning round. Here's a brief of the RAPTOR, our software platform:

The behavior of military cyber forces and well-organized cyber criminals are formulaic. Evidence of distinct and attributable behavior patterns can be found through the rigorous process of endpoint memory forensics. Memory forensics is the industry standard for security event analysis and attribution. Currently, this process is expensive, prohibitively time consuming and has variable accuracy. (It takes one specialist 2-3 days to analyze one single host). Our software, the RAPTOR, leverages the superior pattern matching capabilities of artificial intelligence and machine learning (AI/ML) and self-correcting /self-learning properties of deep learning (DL), to analyze malicious behavior in 10k+ endpoints with unprecedented speed, scale and accuracy.

The RAPTOR automates endpoint volatile RAM (vRAM) forensics at scale. This provides rapid detection and attribution of malicious behavior at the earliest stages of compromise...before the adversary has left memory and started to access files. Because our novel computational analysis process looks only at vRAM (which is composed of undifferentiated binary code), our system does not read or access sensitive files. For USG customers, this means one instance can run on both high and low sides. For the commercial sector, our software permits the privacy investor-owned companies require.

ANOVA's backend aggregates and synthesizes breach data to discern behavioral patterns at international scale. This anticipatory intelligence shows stakeholders who, when, where and how the adversary is likely to strike next.

All data in transit is protected by a proprietary suite of post-quantum cryptography (PQC) CRYSTALS KYBER-1024, NIST Security Level 5 protocols and proprietary engineered encryption protocols based on a proprietary algorithmic IP randomization function.

Our team is composed of FFRDC alum and former SOCOM SIGINT intelligence officers. All employees are American citizens and security cleared.

Thank you in advance for your time and consideration.

Respectfully,

-Ms. Lane

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ANOVA INTELLIGENCE

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NEW: [Securing our Future podcast](#) (28 min. on cyber national security strategy)

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