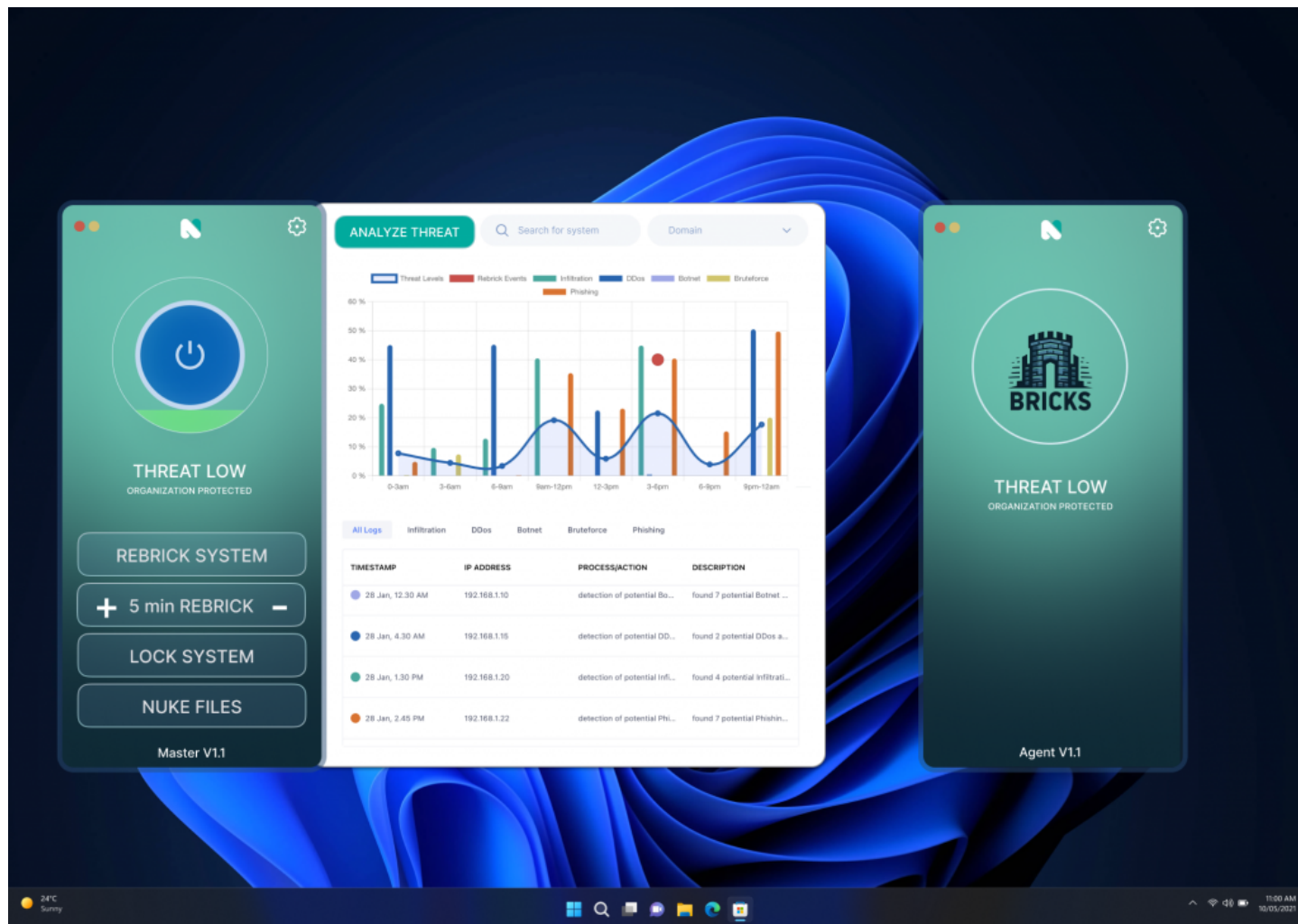


# Cybersecurity Startup Unveils First-of-Its-Kind Technology To Combat Rise Of Data Breaches & Cyber Threats

Nova Microsystems Inc. Introduces Revolutionary AI-Driven Cybersecurity Solution Helping Businesses Protect Against Ransomware and Data Exfiltration



**Fairfax, Virginia Sep 13, 2024 ([IssueWire.com](https://www.issuewire.com))** - With cybercrime costs projected to reach \$265 billion annually by 2031, NOVA Bricks, a new player in cybersecurity innovation, today announced the launch of its revolutionary new product: BRICKS. This Security Intelligence and Endpoint Detection Response (SINDR) solution combines advanced encryption, artificial intelligence (AI), and dynamic response mechanisms to proactively protect businesses from evolving cyber threats such as ransomware and data breaches.

In an age where industries like healthcare, finance, and retail are facing unprecedented attacks, Nova's mission is clear: "Protect Tomorrow, Today." The company's flagship product, BRICKS, offers real-time protection and adaptive responses to safeguard sensitive data, empowering businesses to operate securely in today's evolving digital landscape.

## Addressing the Rising Costs of Cybercrime

As cybercrime escalates, so does its financial toll on businesses:

- \$10.5 trillion: Projected global cost of cybercrime by 2025.
- 239% growth in healthcare data breaches in 2023.
- \$4.54 million: Average ransomware attack costs, excluding fines and recovery expenses.

These figures represent a stark reality that businesses must address with sophisticated, real-time defense systems.

## Introducing Nova Bricks' Dynamic Protection

At the core of Nova's Bricks' offering is its cutting-edge proprietary encryption engine, Atlas. Powered by their own AI, this system monitors suspicious activities and instantly deploys protection mechanisms, including dynamic encryption, file locks, and even "nuking" compromised data to prevent exfiltration.

Key features of BRICKS include:

- **AI-Driven Intrusion Detection:** Continuously learning AI models to detect and mitigate abnormal activities.
- **Dynamic Encryption:** Continuously rotating real-time encryption of data in response to detected threats.
- **Quantum-Resistant Encryption:** Future-proof protection against the next generation of cyber threats.
- **File Lock and Nuke Capabilities:** Ensuring compromised files cannot be misused by attackers.

## A Competitive Edge in Cybersecurity

Compared to traditional cybersecurity products, NOVA Bricks delivers a superior level of protection:

### Category. NOVA Bricks Advantage

AI-Driven Detection Continuous learning to identify unauthorized access.

Dynamic Response. Real-time data encryption upon detecting any threats.

Quantum-Resistant Cutting-edge encryption designed for technologies of today and tomorrow

"Nova's Bricks is not just another cybersecurity solution— it's the next chapter in data security cybersecurity innovation." said Ryan Melissinos, CEO of NOVA Bricks. "We offer businesses a level of confidence that no matter how advanced the cyber threats become, their data will remain secure."

## Protecting the Future, Today

As the cyber threat landscape becomes more sophisticated, businesses need forward-thinking solutions that adapt to new threats. NOVA Bricks is setting a new standard in cybersecurity by providing automated, dynamic defenses that ensure business continuity and data integrity.

For more information about Nova Microsystems and its revolutionary cybersecurity solutions, please visit [www.novainc.co](http://www.novainc.co) or contact Manny Henri at [ehenri@novainc.co](mailto:ehenri@novainc.co).



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