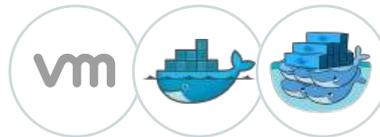# AccuKnox

$1.5M Awarded for Cutting-Edge Security

Securing the Nation's Future with AccuKnox's Innovation in 5G Security

On-Prem Infrastructure

Applications

Integrations

> "As 5G starts getting broad industry adoption, security is a very critical challenge. It is delightful to see an amazing innovator like SRI work with AccuKnox to deliver critical innovations"

Jim Brisimitzis
General Partner

Challenges

- Securing a Highly Distributed and Dynamic Environment
- Preventing Advanced Threats and Insider Threats
- Managing Alert Fatigue and Prioritizing Threat Response
- DoD has strict security regulations and compliance requirements (e.g., NIST standards)
- Ensuring Comprehensive Audit Trails and Reporting Capabilities

Solutions

- Accuknox's solution achieved a cost of less than **$0.05/node per month**, resulting in a projected 20% reduction in overall security operational expenses compared to traditional security approaches
- Provided real-time visibility into **100% of the network traffic** between 5G network functions
- Met stringent security requirements for sensitive military communications, achieving a **99.9% availability for critical 5G applications**

Outcomes

- **Onboarded 95%** of targeted 5G edge devices within the initial week, minimizing initial security gaps
- Improved **5G/ORAN** workload **efficiency by 85%**, ensuring minimal impact on network performance and latency
- Maintained optimal performance in resource-constrained 5G edge environments, operating within minimal vCPU and RAM requirements **(1/60th vCPU, 80MB RAM)**
- Demonstrated **no degradation of 5G network** performance during live traffic analysis and threat mitigation

AccuKnox

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VP, Director Security

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Security Architect

DevSecOps & DevOps Engineer

Platform & Cloud Engineer

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About AccuKnox

AccuKnox is a Zero Trust CNAPP Cloud Security protects Public clouds, Private clouds, Kubernetes, VMs, Bare metals, IoT Edge, and 5G security.

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