

Visualize and Mitigate Cyber Threat Using Threat Intelligence

CUSTOMER SPOTLIGHT

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A Cyber Threat Intelligence Visualization System with real-time dashboard notifications was implemented to combat the increased attack from hackers looking to disrupt and intercept client network communications. Although the client used security practices to mitigate such risks, this was ineffective in detecting and counteracting cyber-attacks. They needed a solution that would detect anomalies before the attack happened and allow for proactive response and resolution.



Solution Delivered

Ducen combined the power of our Cyber Threat Intelligence (CTI), Analytics, and Business Intelligence solutions to defend against DDoS attacks:

- ✓ Ducen implemented a Cyber Threat Intelligence Visualization System that identifies security breaches and associated root causes. The system was designed to constantly monitor for new and emerging threats and perform forensics on previous attacks.
- ✓ The system was proactive in locating data loss, threats, and impending attacks on the client's network communications.
- ✓ Technical Features :
 - Researched visualization pattern for security
 - Implemented complete global intelligence visibility
 - Architected a responsive user interface
 - Applied model view controller pattern
 - Managed daily SCRUM with the distributed team
 - Customized to the threats being faced
 - Used .Net, Angular JS, D3, UML, Rabbit MQ, ArcSight, and Radware.

Result

- ✓ Perceive and interpret visual patterns ahead of time.
- ✓ Derive actionable insight with speed and accuracy.
- ✓ Overlay multiple data sources with interactive visualization.
- ✓ Identify the amount of deviation from normal system behaviour when an anomaly is detected.
- ✓ Monitor unknown objects on network.
- ✓ Immediately identify emerging real and potential threats wherever they may come from.
- ✓ Minimize risk – proactive warnings rather than reactive actions that significantly reduces risk profile.
- ✓ Enhanced in-house capability.
- ✓ Reduce costs – latest knowledge to protect against any security breach that has a financial impact.

WHY DUCEN?

- ✓ Thought leader in business process optimization
- ✓ Guiding principle of business: Continuous Improvement Model
- ✓ Single layer of accountability
- ✓ On-time and accurate delivery success
- ✓ Rapid development
- ✓ Young and dynamic team with proven record of accomplishments and work ethics

For more information

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