

IronDefense

Network Traffic Analysis that delivers advanced Network Detection and Response

Product Overview

IronDefense is a massively scalable Network Traffic Analysis (NTA) platform that leverages advanced behavioral analysis and integrated cyber hunt to help enterprises identify unknown threats and detect in-progress attacks missed by existing commercial cybersecurity solutions.

IronDefense integrates seamlessly with existing cybersecurity tools and improves the effectiveness of your security personnel and the existing security tools used to respond and mitigate cybersecurity threats.

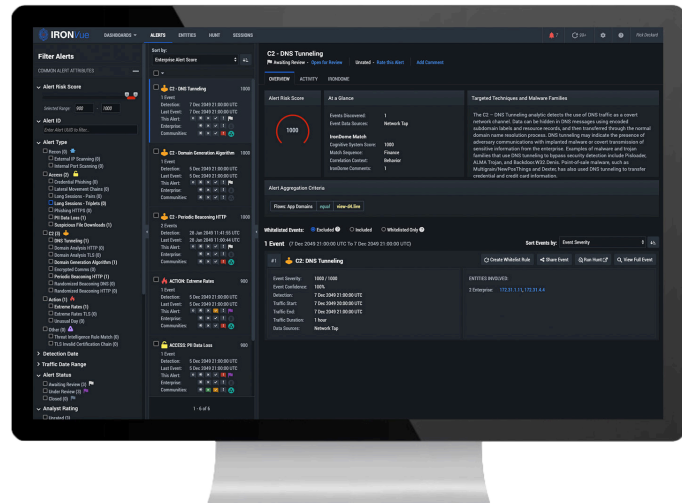
Key Benefits

Superior behavioral detection. IronDefense leverages proven analytics, Machine Learning (ML), and Artificial Intelligence (AI) techniques used in real-world defense against sophisticated nation-state-level threat actors.

Unparalleled scalability. IronDefense scales from small companies to Fortune 100 companies to deliver unmatched detection of threats at enterprises of all sizes.

Real-time visibility across your threat landscape. IronDefense works with our IronDome collective defense platform to deliver real-time visibility to threats targeting your supply-chain, industry, or region.

Unparalleled expertise. IronNet partners with all our customers to deliver a personalized experience to help your security team plan, implement, integrate, and operate IronDefense. Our highly skilled industry experts with deep commercial, military, and intelligence experience will work with you every step of the way to deliver measurable improvements to detect network-based threats across your enterprise.



“As we look to defend our estate as it integrates with various cloud environments, we were impressed by IronNet’s capabilities, especially in side-by-side testing with other analytic and detection platforms in the market today.”

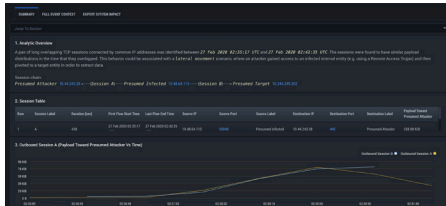
- Richard Puckett
VP Security Operations
Strategy and Architecture



An Enterprise-grade Network Traffic Analysis Platform

IronDefense delivers an advanced detection capability that scales to meet the needs of enterprises of all sizes. Our platform works with existing security tools and improves the ability of your security personnel to detect and respond to known and unknown threats, reducing adversary dwell time in your networks and ultimately mitigating the impact of an attack.

Key Capabilities



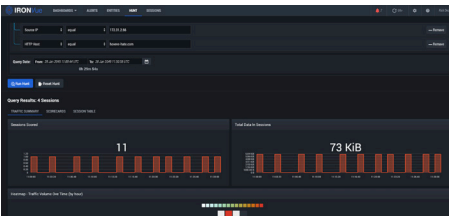
Advanced Behavioral Analysis

Leverages predictive models and behavioral analytics developed by data scientists from national government agencies to identify threats at an unmatched speed and scale.

Rule Description	Rule Impact
Set Baseline Severity	600
Domain Risk - High	↑ 100
Young Domain Age	↑ 100
Domain NOT in Majestic/Umbrella/Enterprise	↑ 100
Domain Indegree LOW	↑ 100
Large Number Unique Subdomains	↑ 100
Max Total Bytes	↑ 100
Number of TXT Queries	↑ 100

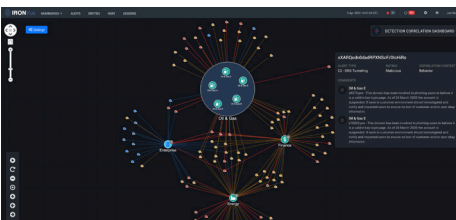
Expert System

Orchestrates the acquisition of contextual data and application of tradecraft cyber expertise to qualify the severity of identified anomalies and determine the risk to your organization.



Integrated Cyber Hunt

Enables seamless pivoting from detection to investigation by providing packet-level visibility and integrated data enrichments to help investigate threats at the speed-of-thought.



Collective Defense

Integrates seamlessly with IronDome Collective Defense to deliver supply-chain, industry, regional, or national-level threat insights and visibility, enabling faster detection and collective response to threats targeting the industry.

IronDefense can be deployed on-premise or in the cloud. Network metadata and full packet capture (PCAP) are collected using hardware, virtual, or cloud sensors that stream data to IronDefense for analysis.

Learn more about IronDefense at: <https://IronNet.com/products/irondefense/>

About IronNet

IronNet's mission is to deliver the power of collective defense cybersecurity to defend companies, sectors, and nations. The company was founded in 2014 by GEN (Ret.) Keith Alexander, the former Director of the National Security Agency and founding Commander of U.S. Cyber Command. Our team consists of expert offensive and defensive cybersecurity operators with unmatched experience defending commercial and government networks against advanced threats. IronNet is backed by blue-chip investors C5 Capital, ForgePoint Capital, and Kleiner Perkins.