Securing data has become a top priority across all industries.

High-profile data breaches and the proliferation of advanced persistent threats have changed the conversation; it’s no longer a question of if your organization’s data will be compromised, but when. In order to minimize security threats and contain damage, you need greater visibility and control across the full attack spectrum.

Iron Bow’s approach to cyber security is to help organizations like yours achieve resiliency and availability. That means working to keep IT systems operational in the face of mounting threats, staying up-to-date with the latest attacks and defense methods and aligning security solutions with your business needs and compliance requirements. We partner with you to develop a comprehensive security strategy that is future-proof to minimize risk, reduce downtime and instill confidence.
2016 Cost of Data Breach Study: Global Analysis

- **383** Companies in 12 countries
- **$4M** Average total cost of data breach
- **29%** Increase in total cost of data breach since 2013
- **$158** Average cost per lost or stolen record
- **15%** Increase in per capita cost since 2013

Source: IBM and Ponemon Institute, June 2016
SOLUTIONS

Our comprehensive approach to cyber security looks at the whole of your system and takes into account how your users access and use data. Whether you’re enabling secure network access for warfighters in the field or safeguarding sensitive corporate information stored in the data center, Iron Bow can help minimize risk while maximizing your investment. Solutions can be installed and run on premise, via the cloud or in a hybrid model. We’re not content simply deploying technology; we’re with you for the long term to ensure our solutions meet your cyber security and compliance needs.

NETWORK DEFENSE

Protect data by separating trusted and untrusted networks and strengthening external borders against unauthorized access and attack. Use data from traditional perimeter defense to create context-aware solutions for greater visibility and granular access control. Our team looks at your network as a whole in the context of business goals. We recommend the best use of resources to enable multimedia collaboration, anywhere wireless communications, data center optimization and network visibility and monitoring. Most importantly, we balance the needs of competing enterprise technologies to optimize network performance.

POLICY ENFORCEMENT

Develop, automate and enforce authentication and authorization policies to control system and application access. Fully centralized, best-of-breed identity services allow dynamic device identification as well as policy enforcement by device class however the network is accessed (802.1X, VPN, 802.11, multi factor authentication, etc.). Know precisely who is accessing the network, on what device, from which location, what connectivity and when. We provide clear intelligence to develop, automate, and enforce authentication/authorization policies to control system and application access.
THREAT VISIBILITY

Meet the challenges of a diverse and expanding threat landscape by gaining visibility into network traffic. Having a baseline of normal traffic helps raise anomalous events to the attention of those who need to act through alerts. Data from firewalls, Intrusion Prevention Systems and more are correlated with leading public security databases to provide the most up-to-date threat information. We use a combination of passive monitoring and active scanning to achieve the needed visibility.

NETWORK VULNERABILITY ASSESSMENT

Know your weaknesses through a combination of interviews, physical survey and automated scanning. Network vulnerability assessments are a critical part of continuous monitoring to proactively determine vulnerability to attacks and provide verification of compliance with security best practices. We provide actionable findings to drive to immediate remediation as well as architecture recommendations.

REMEDIATION AND RESPONSE

Prepare for attacks. Remediation tools and plans should be in place well before an incident occurs giving immediate visibility into how the attack entered the network and how wide it spread. Iron Bow helps determine the best tools to do this by understanding the customer’s business, important assets and operational capabilities. With that insight, we have an understanding of where in the cyber kill chain we can best stop potential attacks and can recommend the best solution to remediate attacks when they occur. This defense in depth strategy ensures that attack vectors are identified to effectively block attacks and create a resilient network.
SUCCESSFUL OUTCOMES

IRON BOW IN ACTION

Most organizations have well-defined security practices that have been in place for years without a major incident. This does not mean that they are completely secure. Our vulnerability assessments take a deeper look at network traffic to discover anomalies that may not impact performance or security today, but pose a threat nonetheless. In one case, we discovered, through a combination of raw data and user interviews, a customer was open to malicious actors via several well-known and well-used workarounds. The weakness had not been targeted yet, but posed a huge risk. Iron Bow provided a detailed network vulnerability assessment and developed a prioritized plan for increasing the client’s security posture that dramatically shrunk the potential attack vectors, increased visibility and stayed within budget.

Iron Bow has the expertise and experience to understand organization use cases, recommend the best solution and ensure that the solution is successfully deployed in an operationally sustainable method.
KEY PARTNERSHIPS

CISCO Partner
Partner since 1998
Master Security Partner

Intel
Partner since 2004

F5
Partner since 2004

tenable
Partner since 2010
STRONG.
Our security specialists have in-depth knowledge on the latest attack methods and how to defend against them.

FLEXIBLE.
We customize our partners’ cyber security reference architectures to meet your domain-specific needs and work within your existing environment.

TARGETED.
We are laser-focused on developing solutions that enable you to reduce risk and confidently pursue mission and business outcomes.