

# FICO Cyber Score

iboss Cybersecurity offers the FICO Cyber Score module as part of the iboss Cloud Secure Web Gateway Platform. The module combines FICO's patented data analytic capabilities with iboss' node-based, direct-to-cloud Web security platform to deliver actionable intelligence that can reduce the "dwell time" before an attack is recognized, which often goes undetected for months. The cyber threat score provided by the FICO module measures risk of infection and data loss, allowing organizations to resolve issues more quickly, enabling security controls and their teams to focus on what matters most.

## How the FICO Module Works

The Risk Scoring Module from FICO leverages FICO's propriety behavioral analytics and consortium approach to dramatically enhance or improve existing protection. FICO's analytics provide a Cyber Risk Score which significantly improves productivity because it alerts analyst of a potential threat and scores the severity of the risk. This allows the analyst to prioritize investigations, saving time and resources. The score can also be used in a user-created rule, to automate threat containment in real-time, thus requiring no human intervention at all. This can dramatically reduce potential exposure to data loss.

## iboss node-based, containerized cloud security combines with FICO analytics to score threats and eliminate security blind spots

- FICO's patented behavioral analytics identifies anomalous activity and scores suspicious "behavior" of devices, users or servers, similar to the way that the company's leading card fraud solution instantly scores billions of credit card transactions around the world daily.
- Through the cyber threat scores, FICO and iboss clients are able to more accurately quantify their cyber threats and remediate in real time to stop catastrophic infection and data loss before it occurs.
- FICO and iboss combined technologies can quickly spot malware other systems miss, including attacks that mask communication using TOR software, such as the Zeus64 malware Trojan and Locky ransomware.
- Containerized architecture means that FICO technology can be deployed in distributed organizations quickly and easily, or choose a customer-hosted deployment and keep your data on-premises.

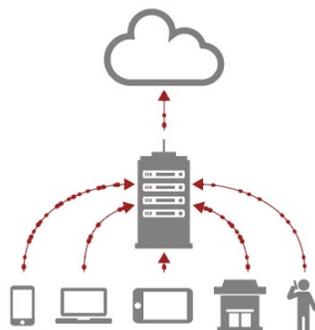
## FICO Proven Technology

FICO's fraud and risk management solutions have reduced fraud losses by 70% over twenty years.

When FICO risk and fraud solutions are deployed, fraud losses plummet:

- ✓ **90% of US payment cards** are covered by FICO fraud solutions
- ✓ **9000 banks** participate in FICO's consortium, which includes 9 out of the 10 top global banks
- ✓ Worldwide, FICO protect **2.6 billion active financial accounts**
- ✓ The average response time for fraud decisions rendered by FICO's low-latency real-time engine is **10 ms**

Eliminate backhauling or expansive hardware deployments



FICO risk analytics delivered seamlessly through the iboss node-based security platform



# iboss Cloud Secure Web Gateway Platform

iboss Cloud delivers the iboss Secure Web Gateway Platform via direct to cloud architecture backed by over 80 security patents for unparalleled protection against advanced threats, with the scalability, resilience and efficiency you expect from a cloud solution.

## Infinitely Scalable and Purpose-Built for the Cloud

iboss patented technology was built for the Cloud from the ground up with proprietary architecture that is infinitely and rapidly scalable and self-healing, with automatic load balancing. Today, iboss Cloud secures some of the largest mission critical networks protecting millions of end users efficiently. iboss Cloud provides unsurpassed resiliency and redundancy in the cloud for optimal performance and 99.999% SLA.

## iboss Containerized Public Cloud

iboss Cloud's unique containerization technology provides a cloud "container" for each organization, giving you the most secure public cloud available. iboss' exclusive containerization enables unlimited nodes, allowing you to adapt quickly to the needs of your growing organization. More importantly, your containerized data is encrypted and secure and can be retained wherever you choose, including within country to fulfill in-country regulatory requirements. You always know where your data is and it is accessible 24/7/365.

## Advanced APT Defense Technology

iboss Cloud delivers 100% of iboss Secure Web Gateway Platform features instantly and seamlessly, including FireSphere Advanced APT Defense. Leveraging iboss visibility across all 131,000 ports and evasive protocols, iboss continuously monitors inbound and outbound traffic to stop evasive malware, detect active infections and stop data exfiltration before loss occurs.

iboss Cloud APT defense features include **Distributed Behavioral Sandboxing** and **Network Anomaly Detection** that continuously monitors outbound traffic, analyzes for anomalous behavior signifying compromise and contains data exfiltration to stop data loss.

## Highlights

- ✓ Secures sites direct to cloud, eliminating the need to backhaul data or deploy and manage endless racks of hardware
- ✓ Offers more traffic redirection options including native integrations for iOS, Android devices, GRE and IPSEC
- ✓ Multitenancy, infinite scalability, rapid elastic load balancing and resilience delivers optimal performance and efficiency
- ✓ Provides stream-based visibility and control across all ports and protocols, including TOR and similar protocols that hide threats
- ✓ Location-aware security routes your data to the nearest data center for regulatory and legal compliance
- ✓ Containerized technology ensures your organization's data is secure and never overlaps with any other organizations' data
- ✓ Optional Customer-Hosted Cloud configuration allows you to store your data locally and configure your iboss Cloud functionality to suit your organization's requirements

## About iboss Cybersecurity

iboss Cybersecurity defends today's large, distributed organizations against targeted cyber threats which lead to data loss, with the iboss next-gen Secure Web Gateway Platform, leveraging innovative cloud architecture and patented advanced threat defense technologies. iboss advanced solutions deliver unparalleled visibility across all inbound/outbound data channels, and include security weapons that reveal blind spots, detect breaches and minimize the consequences of data exfiltration. With leading threat protection and unsurpassed usability, iboss is trusted by thousands of organizations and millions of users.