A significant portion of Skybox® Security’s customer base is in the financial services industry. Often times these organizations are struggling with mass-scale and highly complex environments, strict compliance regulations and constant change within the network — as well as the risks that threaten it. While financial institutions have some of the most mature and robust security programs of any vertical, they still can struggle with foundational problems such as lack of visibility, contextual intelligence and resources.

Skybox helps cut through this complexity, providing a centralized platform to simplify cyber risk management. Our solutions are used by eight of the largest retail banks in the world every day to solve specific and persistent challenges in managing vulnerabilities, threats, firewalls and security policies. But our true value is in creating a strong foundation on which to build a holistic program vital to major business initiatives such as cloud migration, digital transformation, cyber resilience, mergers and acquisitions, among others.

Pain Points in Securing Financial Service Organizations

Managing cybersecurity at a large financial institution is a mammoth task. It is not uncommon for a bank to have hundreds of staff members working exclusively on security, invested heavily in best-of-breed point solutions and developed strict policies to dictate security standards. Despite this, teams are still overstretched, technology fails to deliver its expected value and the security designed in policy isn’t maintained in reality.

The result is a fragmented security program where attacks can slip through and compliance violations abound. Even the basics of cyber hygiene can be difficult to maintain due to broken processes and issues at a foundational level.

To improve operational efficiency, achieve the full value of security investments and construct cyber-resilient businesses, financial service organizations are looking for a new approach — one that gives them continuous insight to their security posture and simplifies security management.
Why Eight of the World's Top Banks Use Skybox

Skybox has been built to handle the complex and ever-diversifying needs of large, enterprise organizations. The Skybox® Security Suite is proven at scale. It is currently being used by a number of the world’s largest banks to automate their change management and auditing processes, improve vulnerability management, and help develop and implement cybersecurity strategies. It’s a holistic solution that gives you visibility over your complete estate and the context required to best prioritize and respond to risk.

The Skybox Security Suite integrates with 130+ networking and security technologies, centralizing their data to establish a single source of truth and adding context to inform and improve their performance. The solution models an organization’s hybrid network topology, security controls, assets and vulnerabilities, giving them visibility of their entire environment — and its risks. Financial service organizations use the model to understand the network perimeter, identify exposed vulnerabilities and other attack vectors, maintain continuous compliance and gain in-depth intelligence to target their biggest risks.

Skybox customers appreciate the simplicity that the platform brings to cybersecurity management. With the Skybox Security Suite, customers can tackle a number of use cases from a single solution, proactively reducing risks to endpoints and improving the security of the network infrastructure as a whole. This approach helps bring data and teams out of their silos to support overarching security strategies as well as large-scale business initiatives (e.g., digital transformation, cloud adoption, mergers and acquisitions).

CASE STUDY: LLOYDS BANKING GROUP

After the merger with HBOS, Lloyds Banking Group became the largest retail bank in the U.K. Today, it has more than 75,000 full-time staff and over 2,000 branches in the U.K., as well as a presence in another 30 countries. Read the case study >

<table>
<thead>
<tr>
<th>CHALLENGES</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understanding risks after the merger of two complex networks</td>
<td>Complete audit of business-critical IT infrastructure</td>
</tr>
<tr>
<td>Confirming the perimeter is secure</td>
<td>Effective management of operational risks</td>
</tr>
<tr>
<td>Identifying, remediating vulnerabilities on newly combined network</td>
<td>Smooth, timely merger of complex networks with minimal risk</td>
</tr>
</tbody>
</table>
How Skybox Improves Compliance Management

Auditing requirements within the financial service industry continue to grow in complexity. There’s regulatory pressure for audits to be run more regularly and reported more often; there’s a strategic need for assurance that security measures created in policy match the access allowed within the actual network; and there’s pressure from the business to reduce overall spend. Skybox helps on all accounts.

Streamline Audits with Automation

Skybox’s automated compliance analysis, tracking and reporting provides an easy, quick and cost-effective way to maintain compliance. Thanks to its modeling capabilities and analytics-driven automation, Skybox can perform same-day audits to simplify regulatory obligations with standards such as PCI-DSS, MAS, SOX and CBEST/ECB, as well as EU GDPR. It gives you ongoing insight into your security posture and provides assurance that your network access controls match your policies.

With Skybox in place, financial services organizations are able to:

- **Understand internal and external compliance policies**
  In addition to providing templates for many external regulations, Skybox allows customers to configure and manage custom internal policies.

- **Streamline compliance processes**
  Automated workflows streamline processes that can impact compliance, such as change and vulnerability management, helping security teams to stay in control of day-to-day maintenance.

- **Manage vulnerabilities**
  Skybox’s threat-centric vulnerability management (TCVM) approach integrates vulnerability management with compliance automation, ensuring that vulnerability management becomes central to compliance strategies.

- **Reduce change risk**
  Skybox analyzes proposed changes before they go live to understand potential policy violations and security issues such as the exposure of a vulnerable asset.

- **Eliminate violations**
  Skybox automates analysis of rule, access and configuration policies to keep you in continuous compliance.
Control Access with Network Segmentation

Skybox can be used to create clear lines of demarcation within a bank’s networks, enabling security teams to separate and protect assets used by individual business units.

Its capacity to offer complete network visibility reduces the complexity inherent in determining network access paths across your entire infrastructure. Paired with its network modeling capabilities and its automated security monitoring and analysis, Skybox will give you greater control over your complete estate.

Accurately Prioritize Vulnerability Remediation

Skybox helps financial service organizations cut through the noise of vulnerability data, with best-in-class vulnerability prioritization.

After consolidating data from vulnerability scans, Skybox performs its own scanless assessment quickly and on demand, filling in blind spots of unscannable network devices and zones. With its complete vulnerability occurrence list, Skybox gets to work automatically analyzing vulnerabilities against CVSS scores, asset value, threat intelligence and exposure within your network. The result is the most accurate vulnerability remediation priorities and straightforward risk scores.

Skybox can also help plan remediation and mitigation, notifying you to available patches and IPS signatures or planning network-based changes via the model.

Support Strategic Business Initiatives

Aside from simplifying management of vulnerabilities, security policies, firewalls and their changes, Skybox also helps secure and support strategic business initiatives including:

- Cloud migration
- Cyber resilience
- Mergers and acquisitions and divestments
- Outsourcing
- Security transformation
A Strategic Approach to Solving Complex Challenges

The Skybox Security Suite will help you to enact positive and lasting change within your business. Our approach is built to solve specific and persistent challenges faced by financial service security teams every day, while creating a strong foundation on which to build mature programs.

To learn more about how Skybox is used in financial service organizations or schedule a demo, please visit our website.