Operational Risk Management and Security for Banks

Operational risks are not just about securing against data loss, but also against the potential damage incurred by loss of availability or performance. Downtime affects productivity and profitability, and customer frustration can lead to loss of business and erosion of loyalty. Cyber attacks target vulnerabilities in applications that conventional prevention systems can fail to secure. Protecting against these threats and complying with government regulations can be difficult and costly.

F5 solutions help financial services organizations maintain data security, while expanding data use across the organization. F5 web application security solutions simplify regulatory audits by encrypting sensitive data. By accelerating common Internet protocols, F5 technology helps organizations control the flow of data, while maintaining the highest confidentiality standards and improving customer experience.

**Key benefits**

- **Customer data and identity security**
  Implement security layers and fraud-repellent systems to protect customer assets and identity.

- **Smarter applications across channels**
  Use customer identification and personalization, context, and location awareness to boost customer experience.

- **Easier compliance**
  Streamline implementation and maintenance of compliance with FIPS 140, PCI DSS, FFIEC, and more.

- **Better security**
  Improve your organization's ability to trace, log, and act on malicious behaviors and breaches.

- **Secure data exchange**
  Accelerate layer 7 interfaces with web application optimization technology.

“With F5 we were able to protect and maintain our web applications with minimum downtime. Their products are essential to our business, focusing on high availability, load balancing, and security, with a high level of quality.”

IT Manager, Medium Enterprise Financial Services Company
TVID: SED-C2C-1C9
F5 BIG-IP products provide a gateway for continuous access to applications, while monitoring, detecting, and preventing cyber threats.

**Protect Applications and Sensitive Data**

F5 solutions provide comprehensive, flexible protection for web applications, whether deployed physically, virtually, or through a cloud. F5® BIG-IP® Application Security Manager™ (ASM), combined with BIG-IP® Local Traffic Manager™ (LTM) and BIG-IP® Access Policy Manager® (APM), monitors and detects attacks, including web scraping, SQL injection, payload, and denial-of-service. F5 solutions also provide advanced visibility and reporting that complies with regulatory mandates.

By combining the integrated application firewall in BIG-IP ASM with application acceleration and optimization technologies from BIG-IP WebAccelerator, F5 improves user experience while making the data center easier to manage. Automatic policy synchronization provides security across platforms, while the attack expert system keeps organizations up-to-date on web threats. Finally, while applications are being protected from external threats, F5 DataGuard protects personal information from leaving the corporate network.

To find out how F5 financial services solutions can help your business, visit the Financial Services Solutions page on f5.com.