

Addressing the Big 3: Compliance, Fraud & Cyber Security

Even the smallest credit union is not immune from cyber attacks and fraudsters looking to steal credentials and money. The same methods and types of attacks being waged against the top fifty banks can be expected to move downstream to smaller institutions in a short time frame. That is because there is a global – and affordable – marketplace for Trojans, viruses and other malware that can be used to compromise the assets of financial institutions.

Unfortunately, automation makes it very simple for virtually anyone with malicious intentions to go after any sized financial institution. In many respects it is a numbers game, and these sophisticated, low cost toolkits improve the odds of success for scam artists.

Mitigating DDoS Attacks from the Cloud

While website defacement is bad enough, all too often cyber assaults and DDoS (distributed denial of service) attacks have a single purpose: to move money out of the institution. Credit unions must make a concerted effort to block these attacks as far upstream from their servers as possible. That is one reason why a cloud-based approach is the most effective deterrent available today.

Incapsula's cloud-based DDoS Protection service protects websites from the largest and smartest types of network and application level DDoS attacks. All website traffic is seamlessly routed through a global network of high-powered servers, where our proprietary technology detects and mitigates DDoS attacks before they can reach a credit union's servers and without business disruption.

Incapsula offers an affordable, easy-to-implement service that meets the security needs of credit unions:

- Can be rolled out in minutes through a simple DNS settings change
- Transparent DDoS mitigation with less than 0.01% false-positives
- Automatic "always on" DDoS mitigation against any network or applicative attack
- Cost-effective operations with on-demand upgrade options and no need for any hardware or software capital investments
- PCI-certified Web Application Firewall for full compliance with PCI 6.6 reporting requirements
- Dedicated SoC team monitors, tunes and updates the service to ensure protection against new and emerging threats

Leveraging Crowdsourcing to Improve Security

Hackers are very good at sharing information, techniques and software, while financial institutions are all too often insulated in their own IT silos. This makes the attackers' jobs easier and the credit union's IT employees' jobs much more difficult.

With a cooperative crowdsourcing infrastructure that was architected and built by a team of industry veterans with strong backgrounds in web application security, online safety and identity theft, Incapsula's security service harnesses real data from our customer base to understand the attack landscape and continually improve security.

Incapsula's robust infrastructure provides tremendous economies of scale for financial institutions and gives them the peace of mind that they are backed by an enterprise-grade cloud-based service that makes their websites and networks safer, faster and much more reliable.

Marc Gaffan
Co-Founder



Marc Gaffan has over 15 years of R&D, Product Management & Marketing experience in high-tech

companies. Prior to founding Incapsula, Marc was Director of Product Marketing at RSA, EMC's security division, responsible for strategy and go to market activities of a \$500M IT Security product portfolio. Before that, Marc was the Director of Marketing for the Consumer Solutions Business Unit at RSA. While at RSA, Marc presented at the US Congress, FDIC and Federal Trade Commission on cyber security and identity theft topics. Marc holds a double major B.A. in Computer Science and Economics from Tel Aviv University and an M.B.A. from the Recanati Graduate School of Business Administration.

Contact Info

www.incapsula.com