

# Ad-Tech Company had an employee problem.

Both of their IT divisions were not working together and constantly slamming the other.

VULSEC came in to analyze the organization to determine risks are employees, technology, and the information security program.

## 1. RESEARCH

First performed a detailed assessment of the employees within the organization. This included executives, middle management, HR, Finance, Marketing, development, IT, and security. During these assessments, we discovered process inefficiencies across the various silos.

VULSEC mapped these organizational and these process risks to the reality of the infrastructure by conducting assessments of the technology. By doing this, we were able to determine that the humans needed extra user training around risks within the implementation of technology.

By mapping the information security program to SEC regulations, we were able to classify the data on a global level around EU and Australian privacy laws to coincide with the re-architecture of the infrastructure.

## 2. IMPLEMENTATION

While acting as the Chief Information Security Officer for six months, we were able to make the business more efficient. We were able to create an internal security group that included representatives from finance, marketing, HR, and engineering to talk about corporate risk. These liaisons were able to push new technology within their departments to ensure user adoption.

## 3. THE RESULTS?

- Discovered Organizational Risk-Limiting Growth of Technical Stack.
- Architected 3,000 external IP's to sit behind a load balancer and VPN.
- Architected Data Center, IBM Softlayer, Microsoft Azure, and Amazon AWS to reduce risk and be more efficient.
- Remediated a \$500,000 vulnerability within the client facing web application by testing OWASP Top 10.
- Reduced risk around Bring Your Own Device, Workstations, and Servers by implementing technology to thwart hackers.
- Created roadmap documentation to correlate current staff members to new hires and consultants to reduce specific risks within a specific timeline.
- Created an Information Security Program mapped to NIST and SANS frameworks.