

# Security Architecture and Implementation

Security architecture is increasing in complication, while access to experienced, qualified personnel resources is dwindling. To plan and implement an advanced infrastructure that supports your overarching business goals, it's important to engage experts who are not only objective, but highly skilled in designing and implementing complex environments.

## Plan

### TECHNOLOGY ARCHITECTURE

Beginning with an assessment, Trapp identifies existing challenges, defining your goals, and assessing your current maturity level to help design the desired solution and build an actionable plan

## Engineer

### DESIGN AND DEVELOPMENT

Using Trapp Technology's security architecture blueprint and industry best practices, we provide comprehensive design and engineering solutions tailored to your business needs.

## Run

### PROGRAM GOVERNANCE

Provide oversight of your entire security program or architecture deployment as it moves from implementation, to optimization, to scaling next-generation infrastructure.



Strategic  
Direction



Risk  
Management



Network  
Design



Deployment  
Oversight



Mitigation  
Consulting

# Delivering High-Caliber Expertise for Your Technology Architecture and Security Projects

## Cloud Security

Private cloud users indicate unauthorized access to sensitive data is their top concern, with concern about staff security skills a very close second.

## Cloud Security Risks

- Cloud-based services are implemented by individual business units, leading to lack of security visibility– inventory and manage your known and unknown applications in a central location.
- It's difficult to keep up with cloud adoption and ensure system security - enable your business to use secure and compliant cloud applications quickly.
- Vulnerabilities continue to develop – go beyond automated scanning to stay ahead of risks.

## Network Security

With the ever-increasing number of security products and vendors that lack integration, information security incident response teams are faced with certain challenges. Without integration, security teams are limited in their ability to correlate and analyze threats. When you layer in the additional complexities of compliance mandates, Bring Your Own Device (BYOD) and mobility, lack of visibility and the requirement to quickly solve problems can escalate complexity at an alarming rate. Our network security services and solutions to help you cut through the technology clutter, identify which systems and tools are best aligned with your business goals, and separate real threats from security noise.

## Application Security

In recent years, organizations' IT security posture has shifted rapidly from being wholly dependent on device, OS, and network-layer security to a strong dependency on application security.

### STAT – PROBLEM

Only

# 50%

of organizations have cyber security teams in place to handle the architecture that are needed to ensure a robust environment.

When you partner with Trapp Technology, our deep bench of security experts will help design, plan and implement your cloud initiatives. Your organization will be empowered to achieve your cloud strategy goals, maintain security, and enable new business models with confidence.

- Feel confident with a secure and compliance-ready network designed by seasoned technology experts
- Identify new efficiencies and cost saving methods by implementing a performance-driven architecture
- Securely migrate data to the cloud and manage identities more efficiently and effectively
- Gain insight into threats and risks in the cloud with actionable recommendations

A thorough evaluation of your company's web, email, and mobile applications is necessary to ensure that your defense extends beyond your network and endpoint security and into the interactive user space. Modern cyber criminals don't waste their time by attempting to break through heavily secured controls. Instead, they just circumvent them by attacking the users and compromising their credentials. Compounded with a lack of visibility, concerns about internal vulnerabilities aren't without merit. Trapp Technology works with your internal key stakeholders to identify security gaps and recommend a path to remediation.

## Data Security

47% of companies who suffered a data breach identified the root cause as a malicious or criminal attack, with the average cost totaling approximately \$156 per record lost.

While high-profile data breaches are hitting the news, the truth is that far more data breaches occur in mid-sized companies and cost beyond what most can afford. So it is not surprising that owners and chief executives are looking inward at their current data protection practices. Our team of data loss prevention experts thoroughly evaluate your company's current data management operations. We can help identify gaps in security, and recommend an action plan to help you feel confident in the face of a tumultuous security climate.

## Endpoint Security

56 percent of SMBs say mobile devices are the most vulnerable endpoint in their organization's networks and enterprise systems.

Businesses, regardless of size, often support more endpoints than they'd expect, including PCs, tablets and mobile phones that are both corporate- and employee-

owned. These devices are notoriously difficult to maintain and secure. Worse, they are a desirable target for malicious attackers due to their susceptibility to user-based exploitation and unintentionally exposed data. Our scope of services can help you identify the devices that act as a gateway to your network, pinpoint gaps in your current security mesh, and recommend an actionable plan for remediation of existing vulnerabilities.

## Threat Intelligence

Two years ago, 40 percent of business owners focused on cyber attack prevention and 24 percent focused on detection. Today, that gap is significantly smaller: 33 percent focus on prevention, while 30 percent focus on detection.

The thought of building a security mesh that will thwart every single threat that exists, or will exist in the future, is an overwhelming and impossible idea. Threat is forever evolving as new vulnerabilities are discovered. To stay ahead of the curve requires incorporating cyber threat intelligence into an enterprise's security operations. The most proactive technology teams can detect and mitigate business-relevant threats more quickly, and with increased efficacy, by applying timely threat intelligence to the right operation. Our cyber threat intelligence teams collaborate with key stakeholders to build a business profile and narrow the focus of your cyber security efforts to threats that are both relevant to your business, and most likely to cause significant impact.

- Confidently make data-driven mitigation decisions
- Improve your ability to prevent a breach and thwart new attacks
- Decrease your response time to active attacks
- Eliminate excess cyber-static to increase your awareness of business-relevant threats

To learn more about Trapp Technology's Security Architecture and Implementation services, contact a Trapp Technology representative at [sales@trapptechnology.com](mailto:sales@trapptechnology.com) • 877.942.2568 [trapptechnology.com](http://trapptechnology.com)