TRACE3

DATA SECURITY

An integrated top-down, bottom-up approach that seeks to improve technologies as well as internal policies, protocols and organizational structures.

Enterprises struggle with protecting data within their organization. Often times CISOs have a general idea of where their important pieces of data live, but can't grasp a complete picture of their private data ecosystem. Businesses may drive down a technology path searching for a solution, others may devote their time to obtaining stakeholder buy-in, increasing their budgets, building out their business unit response teams and attempt to change user behavior. Trace3 recommends that clients prioritize both pursuits equally.

People and processes are responsible for more data security failures than technology.

Today's threat landscape has evolved; our threats are vary and can fill the spectrum from so-called "Hacktivisits" fighting for a cause, down to a user unknowingly opening malware. By promoting internal education and awareness, as well as making the right investments in people, process and technology, your organization can develop a more integrated and efficient approach to securing its data.

APPLICATION SECURITY

Application development methodologies have shifted: the days of Waterfall Development cycles and compartmentalized security reviews are gone. Today's development teams are nimble and adopting DevOps strategies that drive security integration from the start. Trace3's application security team includes some of the foremost experts in the field. With disciplines ranging from Secure Coding, DevOps Security, and Web Application Defense, the team is stacked with talent that has "been there" and "broke that". Our assessment services go beyond narrowly scoped penetration testing and instead look at your enterprise applications from an adversarial perspective. Our DevOps Security and Secure Development Lifecycle consulting teams look to break down the walls between your engineering organization and your security team. Trace3 aims to foster open communication that creates a singular unified security front.

CLOUD DATA PROTECTION

Today, with the widespread adoption of cloud services and SAAS offerings, traditional Data Leakage Prevention(DLP) efforts are being retooled and expanded to protect data wherever it is rests. Trace3's Cloud Data Protection offering brings you the best methodologies of traditional DLP with a focus on today's expanding Cloud marketplace.

DATABASE SECURITY

Your databases are your lifeblood. From the NoSQL installations that power your new application down to the legacy mainframes driving your back office, your database is key to the successful operation of your business. So what are you doing to protect it? Trace3's award-winning approach to Database Access Management not only encompasses protection from outside threats, but also takes a hard look at the insider threats to your data. Are you protected from employee abuse? Is your user data safe from an outside attack? Our expertise within database access management and database firewall technologies has given us an inside edge on the key indicators of compromise (IOC) within your data environment.

TRACE3

ENCRYPTION

Protecting your data from unwanted exposure is a key tenant to any mature security posture, which makes encryption technologies and processes vital to establishing trust and protecting confidentiality, integrity and availability of data. Data encryption at all levels of the application stack is paramount to ensuring that your enterprise is thoroughly protecting its most important assets. Trace3's proven methodology goes beyond securing protocols and further expands upon different encryption strategies and PKI methodologies like Data In Flight (DIF), Data At Rest (DAR), and Data In Memory (DIM).

BIG DATA SECURITY

Big Data is transforming our world; as organizations scramble to implement solutions quickly, security is often left to the wayside. As an extension to our Database Security practice, Trace3 offers a full array of services around securing your Big Data investment. Utilizing proven Data Governance best practices and leveraging extensive expertise in securing large unstructured data sets, Trace3 will assist you in laying the foundation for a secure Big Data Platform. Trace3's methodologies can help you uncover gaps in your Big Data strategy and help your teams tackle common concerns like Privacy, Privilege Account Management, Insider Threat, Fraud Prevention, and Access Governance.

FROM IT TRANSFORMATION TO OVERALL BUSINESS OPTIMIZATION

Your company's IT program is not an isolated piece of an overall business plan. Our holistic approach both captures the big picture and provides tools for a more granular, boots-on-the-ground response to today's changing technology environment. As your trusted adviser, Trace3 works with your team to develop a 360° corporate strategy that delivers first-mover advantage and optimal bottom-line results, today and into the future.

To learn more or to engage one of our Data Security specialists visit
www.trace3.com/security

TRACE3