Experience Matters

Collaboration among insurance professionals, cybersecurity professionals, and legal counsel is the key to bridging the current risk model gap and identifying the tools and best practices to help companies manage their cyber risk and exposure. The right blend of insurance, legal, and cybersecurity partners offers the strongest holistic approach to managing cyber risk effectively. Arete with leading outside counsel and cyber insurance has vast experience working jointly to defend and protect clients' legal, regulatory, and compliance risk. Because 100% cybersecurity is an impossibility, the enterprise's goal shifts to cyber resiliency as the critical component of an effective, reliable, and defensible cyber risk management program. As cyber threats evolve from disclosure of protected information to more sophisticated attacks that can impact business operations, companies need to evaluate whether they can recover quickly from a cyber incident. In addition to building and maintaining cyber defenses, companies are developing security programs that include, network security, employee training, and third-party risk. With sound policies and practices in place, companies are also able to transfer cyber risk through insurance. Cyber insurance that is tailored to a company's unique profile can be a key component of a robust cyber risk management program. Organizations need help to understand their exposure and to quantify their cyber risk so they can responsibly allocate resources. Many are looking to their insurance carriers not only to provide coverage, but also to provide guidance on assessing and understanding their cyber risk, and to provide them with practical mitigation solutions so they can resume operations as quickly as possible and avoid reputational damage after a cyber incident. Arete is committed to collaborating with our partners in the insurance industry to create solutions that proactively prevent and protect policyholders from advanced cyber risk.

Collaboration is Key

Organizations are facing a new generation of risks that are driven by a digital transformation in industry. Collaboration among cyber insurance claims professionals, cybersecurity organizations and privacy counsel is critical to bridge the current risk model gap and identify the tools and best practices to help companies manage their cyber risk and exposure. The right blend of insurance, legal and cybersecurity partners offers the strongest approach for tackling cyber risk effectively. Arete has long-standing relationships and works jointly with outside counsel to defend and protect clients' legal, regulatory and compliance risk. Arete is committed to collaborating with our partners in the insurance industry to create next-generation solutions that proactively prevent and protect organizations from advanced cyber risks.

Why Choose Arete?

Arete provides expert services to Boards of Directors, C-Suite, insurance professionals, and counsel in matters related to cybersecurity, litigation and digital investigations. The Arete team offers a combination of unique experience and in-depth industry knowledge across the full cybersecurity life cycle from leading government, commercial and global consult-

ing practices. Our experts have the experience collaborating with insurance, legal and IT departments successfully. Arete specializes in helping organizations defend themselves when challenged whether reasonable steps have been made to prevent a data breach exposure of confidential and proprietary information in government inquiries, or commercial and class action litigation or insurance investigations. Our legally defensible and regulatory compliant cybersecurity and digital investigations services uniquely enable clients to achieve successful outcomes and reduce losses. Our highly experienced incident responders are technology agnostic. We employ all the most widely used cyber tools on the market today. We start with the network security tools companies are already using. This lets us act quickly in the critical early stages of an incident. Today it's not a matter of if you will be targeted, it's a matter of when. Taking a proactive approach to cyber and risk management strategy is essential to building and maintaining secure, vigilant, resilient organizations. Proactively engaging Arete as part of the organization's cybersecurity program, provides insurance professionals with critical information about a company's cyber posture. As your trusted partner, when the inevitable occurs, our elite incident response teams can act quickly in the early stages of an incident where time is of the essence.

Staying Ahead of Adversaries

Managing cyber risk demands a strong, proactive stance by Insurers, brokers and their clients to minimize the chance from known threats. The cybersecurity threat landscape continues to expand rapidly. Every day the cyber attacker ranks grow larger, as does their level of sophistication and the number of organizations they target. Arete recognizes the special needs and challenges facing small to mid-size organizations given the lack of resources and the current regulatory landscape. We specialize in collaborating with insurance and legal professionals to provide a full range of proactive and reactive cybersecurity services to support insurance providers and their

insureds that can be customized to meet individual organization requirements. Our services enable clients to continuously improve their defensive and offensive cyber posture.

ADVISORY SERVICES	PROACTIVE CYBER SERVICES	BREACH RESPONSE SERVICES	CYBER OPERATIONS
Regulatory Compliance Audits ■ GDPR ■ DFS Part 500 ■ DFARS NIST 800-171 ■ HIPAA Digital Forensics Investigations ■ IP Theft ■ FCPA ■ Trade Secret ■ Internal Investigations Expert Witness Testimony Services	Incident Response Retainer Network Security Assessment ■ Software Guided Assessments ■ Automated Asset Inventory ■ Penetration Testing ■ Vulnerability Scanning ■ Breach Indicator Assessment ■ Incident Response Readiness Assessment ■ Cybersecurity Engineering Assessment Open-Source and Social Media Monitoring Table Top Exercises Education and Training	Breach Response Coordination/Crisis Management Incident Response ■ Attack/Emergency Hotline Services ■ Investigation/Forensics ■ Assess Scope of the Breach ■ Evidence Collection and Preservation ■ Live Network Forensics ■ Malware Analysis and Reverse ■ Engineering ■ Damage Assessment ■ Threat/Risk Assessment ■ Litigation Support ■ Regulatory/Compliance Support ■ Containment ■ Eradication	Post Incident Response ■ Remediation and Enterprise Hardening Network Monitoring ■ ISOC Development and Implementation ■ SOC Operations Information Sharing and Analysis ■ ISAOs Chief Information Security Officer (CISO) Consulting ■ Virtual or Fractional CISO (V-CISO) Engineering Support Ongoing Process Improvement

- **Assessment Tools -** Arete deploys the first automated cybersecurity assessment and reporting tools built to simultaneously determine an enterprise, or its vendor's, cyber risk management capabilities measured against multiple international standards and applicable regulatory guidance. Arete's cyber risk assessment methodology is anchored in the world's leading security frameworks such as NIST, ISO, and Cobit-5. We gather the company's cyber risk management capabilities and assess its capabilities and program against established best practices identified within the Cybersecurity Framework and several key cybersecurity standards (ISO 27001/2, COBIT5 and NIST 800-53).

- **Spear Phishing –** Arete provides services that expose an organization's employees to scenarios that test their ability to successfully respond to social engineering attacks. We can mimic these phishing scams to test your organization's level of defense against such threats, test your email filters and identify any employees who clicks on either email attachments or links in the email body. To simulate an actual cyber-criminal's email based social engineering attack, Arete will use emails to entice users to interact with untrusted links, websites or requests. Each email is custom crafted to meet the specific needs and requirements of each client.

- **Penetration Testing -** Arete uses real-world techniques and knowledge cultivated from years of experience to identify and exploit vulnerabilities that could result in a breach of an organization's security. We explore the footprint, enumerate all attack vectors and attempt infiltration. Our tailored recommendations and reports help clients to better defend their infrastructure against hackers and other malicious attackers. Arete adheres to ethical codes of conduct and will work diligently to help organizations maintain the confidentiality, integrity, and availability of their information systems every step of the way.

- **Virtual CISO Services -** Arete offers an outsourced (e.g. Virtual) CISO service for companies that need a comprehensive information security program, but lack the resources for a full-time, dedicated Chief Information Security Officer and security team. We provide you a customized team of experts with the world-class skills and decades of experience that only the largest companies can afford to find, hire, and retain. Our Virtual CISO Services empower companies to cost-effectively execute a continuously effective Information security strategy that meets their unique business and regulatory needs.

- **Managed Detection and Response (MDR) Services -** Arete's MDR services combine the very latest in Cloud and Data Analytics technology coupled with our industry-leading cybersecurity incident response team to identify potential incidents on your network. We do this by utilizing very latest in cloud and data analytics technology and leverage the only patent pending proprietary Virtual Reality (VR) technology, called viewpoint™ to intuitively analyze in realtime, all connections coming to and from your network.

- **Insurance Industry ISAO -** Arete created the first Information Sharing and Analysis Organization (ISAO), PMO for Cybersecurity to support 2,000+ insurance agencies and 20,000+ licensed insurance agents across the U.S. offering small and mid-sized agencies actionable intelligence on cyber threats specific to the Insurance industry. The ISAO also provides insurance professionals with a dedicated 24/7/365 Cyber Emergency hotline.

About Arete

Arete Incident Response has assembled an elite team of cybersecurity experts to create unparalleled capabilities to address the entire cyber incident life cycle, from incident response readiness assessments to post-incident remediation. Our core skills include triage, digital forensics, malware reverse engineering, remediation, and testifying expertise. Arete works with your organization to provide highly customized advice specific to your business size and industry.

Arete's advisory services provide legally defensible, compliant cyber strategies that assist the C-Suite and Boards of Directors to continuously improve the organizations' cyber posture. Arete partners with clients to reduce the burden of preparing for, detecting, and responding to cyber-attacks. Data breaches are a matter of when, not if in today's world. Engaging Arete's team of experts gives your organization the confidence to respond to a data breach with access to the world's leading cybersecurity professionals – anywhere in the world – within hours not days.