



A discussion on CyberSecurity

Arrakis Consulting, LLC

Securing your world together





Company Overview

- Reliable
- Consistent
- Trusted Agent
- Proactive
- Forward thinking

Arrakis is uniquely positioned to provide numerous consultation and technology related services at all levels of business and all sizes or types of clients. Arrakis will help you to transform your IT operations from a reactive mode of crisis management to a proactive mode of preemptive management. We'll partner with you to determine your technology strengths and weaknesses, then quickly attack the weaknesses while minimizing any disruption to your business.

The leadership of Arrakis is composed of experienced business professionals with an extensive federal and military background. All members of Arrakis are required to conform to three key words of "Honor. Integrity. Excellence." and go through a rigorous validation process to ensure the highest level of professionalism.

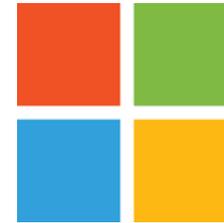
Our experienced team of professionals have experience with commercial and government contracts of all sizes and price ranges and are available for remote or onsite support.

Contact Arrakis and lets secure your world together.



Vendor and technology Independent

- We have no favorites and no specific allegiance towards any particular vendor. We adapt to what you have in place already, to save cost, as well as make recommendations for where you want to be.
- Our partnerships and industry involvement allow our consultants be on the cutting edge of technology as well as the experience to finish the job.
- Our connections also allow us to offer to the client better than normal pricing on equipment and services.



HTCIA
HIGH TECHNOLOGY CRIME
INVESTIGATION ASSOCIATION



where information lives®



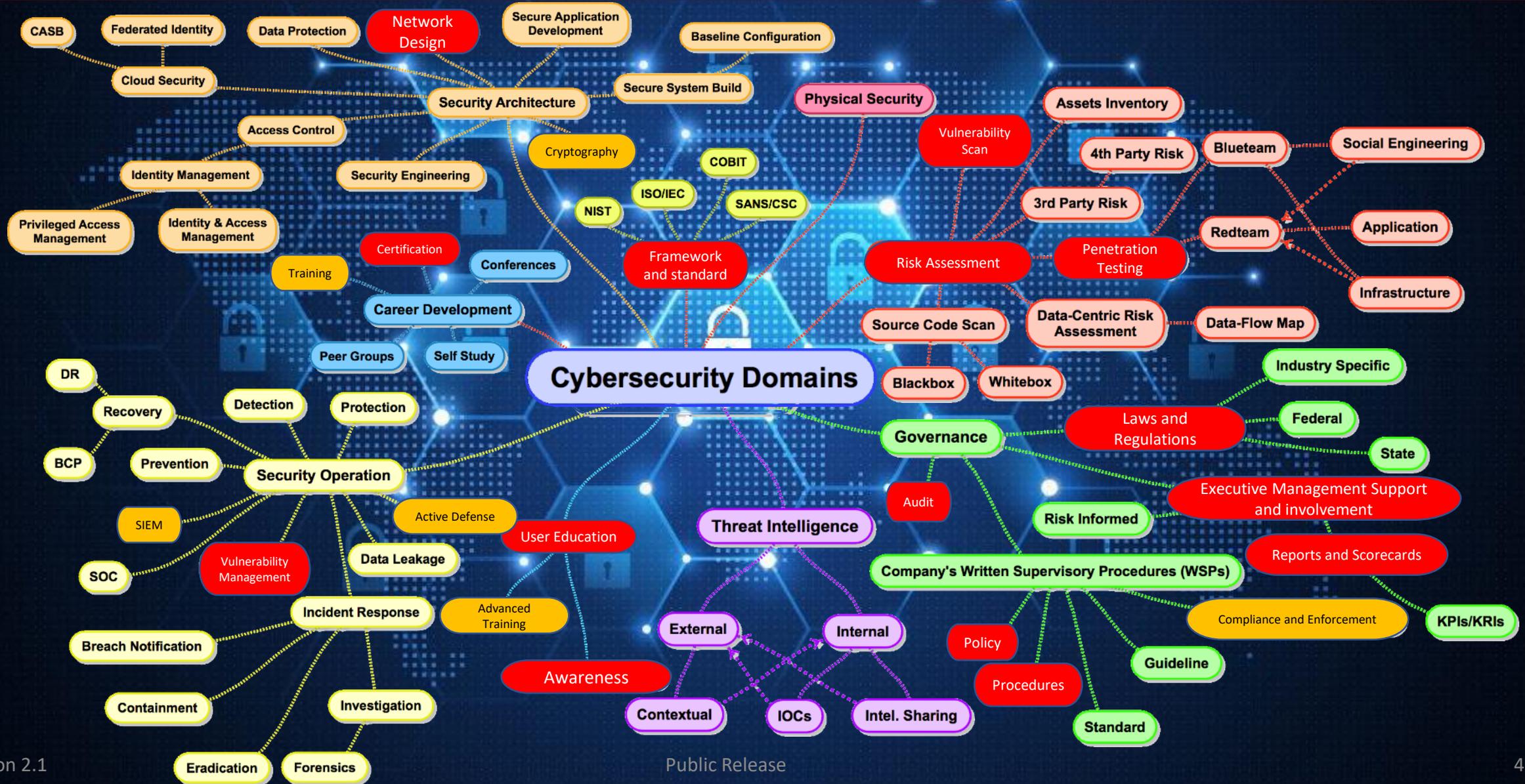
Trust in, and value from, information systems



The Institute of
Internal Auditors

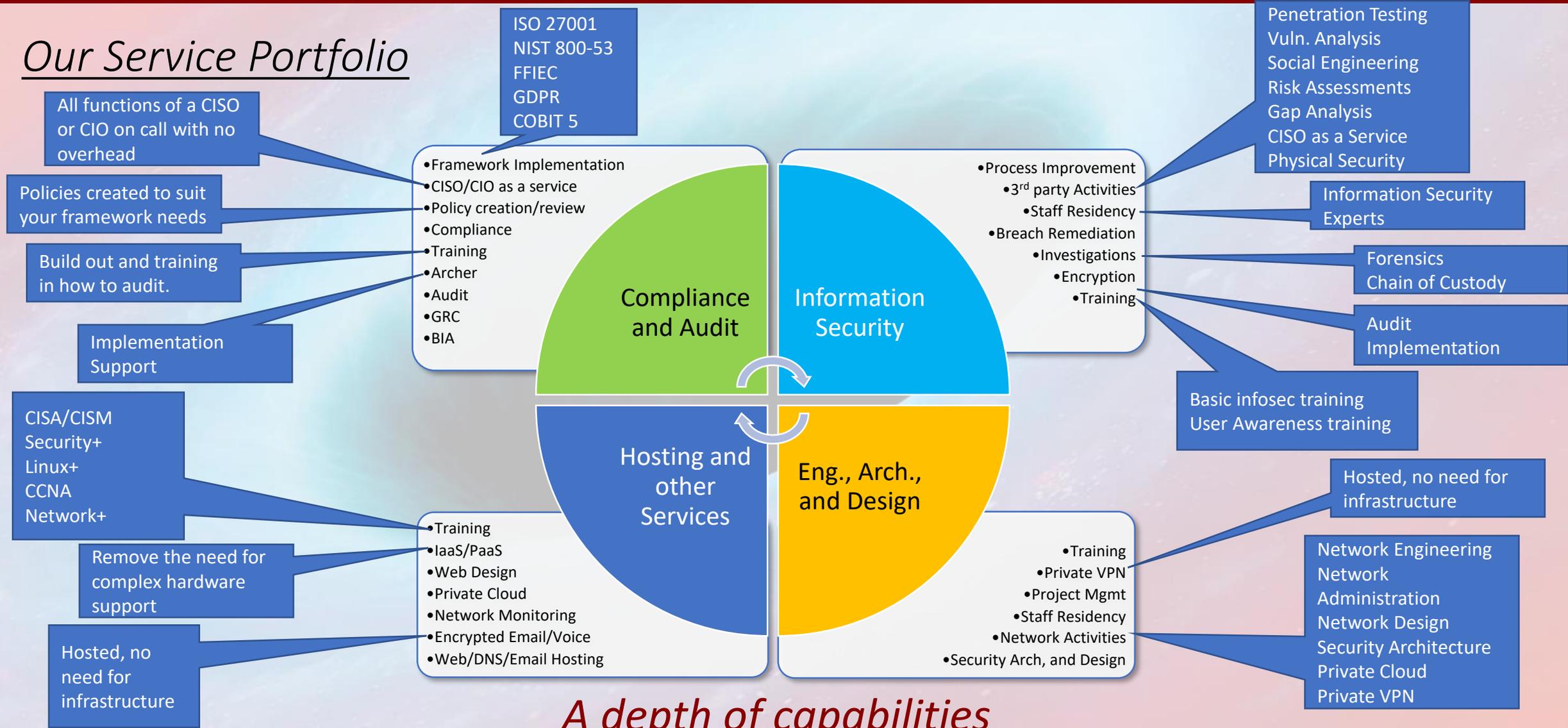


Arrakis is well rounded





Our Service Portfolio



A depth of capabilities



Compliance and Audit

Framework Implementations

CIO/CISO as a Service

Policies and standards

Audit and Compliance

GRC and Risk Management

BIA and PIA

Get compliant with your regulations

- Arrakis can help implement the security framework of your choice to help ensure full compliancy. Arrakis is extremely experienced in ISO27001, NIST, FFIEC, GDPR, and COBIT5. For entities that deal, in any way, with EU/UK data, you should be extremely interested in GDPR compliance.
- A majority of small to medium sized businesses simply do not have the budget to fully staff an IT department and sacrifice two of the most important positions. Arrakis can fill that role at a reduced price to give you high quality IT leadership without a huge financial impact.
- As a standard part of any framework implementation there is always a focus on policies and to ensure policies are worded correctly as well as enforceability. Most companies fail in this area and can be held accountable. Arrakis can help ensure that your risk is reduced by ensuring an understanding of what you must comply with.
- As a part of all frameworks, an audit and compliance function must be performed by a 3rd party. Arrakis can be your unbiased auditor and holds industry recognized certifications to further enhance your compliance. Arrakis can also help build out and train an internal audit team if you want to ensure a higher level of compliancy for a long term reduced cost.
- Arrakis is positioned to support your GRC needs regardless of what GRC platform you choose. Additionally, Arrakis personnel are fully trained and experienced in the realm of risk management and can provide an unbiased opinion based on industry frameworks or take on some of the responsibility with risk management to unburden other FTEs.
- Arrakis can perform high quality business impact analysis (BIA) or privacy impact analysis (PIA) per GDPR requirements. While an unbiased BIA is always a good idea with a company to uncover business related weaknesses, in several cases it is not required. However, a PIA is a GDPR requirement.

Information Security

*Ensure you
are protected.*

3rd Party Activities

- Arrakis can perform all aspects of acceptable 3rd party activities with special emphasis on vulnerability assessments, penetration testing, social engineering, physical security, and CISO as a service.

Investigations

- An investigation performed without a complete understanding of how investigations should be performed will rapidly leave into failure. Arrakis has numerous years of experience in investigations of all types and understands the legal aspects of properly performing all activities.

Breach Remediation

- Similar to investigations, breach remediation is not something to avoid or learn on the job. First order of business is to stop the bleeding then figure out how the breach occurred. Additionally, depending on how bad the breach was, it is vital that the company consider the political impact of breach notification and the importance of doing it right.

Training

- Arrakis has numerous training courses available to train up your people to perform their security related job or increase their level of current training to improve productivity and overall security. Additionally, Arrakis can provide basic user level training.

Risk and Threat Assessments

- As a part of compliance, 3rd party risk and threat assessments should be done routinely. Depending on your risk you may consider performing this monthly. Arrakis has numerous highly trained professionals that can offload this for you.

Process Improvement

- Given the extensive amount of time Arrakis personnel have in the technology, security, and business areas, Arrakis can easily help point areas of improvement and what we can do to help.



Eng., Arch., and Design

Architecture and Design

- Arrakis can fully support a new architecture or help design an architecture that will conform with regulatory requirements as well as flex and grow as your company increases in size or complexity.

Private VPN

- Arrakis can support your private VPN requirements in either designing a custom private VPN for your use or host a private VPN service for you which reduces infrastructure requirements and support needs. A private VPN can help extend your network beyond your current infrastructure as well as increase the mobility of your employees.

Project Management

- Arrakis professionals have numerous years of experience leading or holding a senior position in relation to technology projects and incorporating new technology. If you have a project that needs to be done but not the resources to fully implement without creating risk then Arrakis is here to help you.

Staff Residency

- Most companies almost never account for a complete IT staff and generally fall short because of it. Arrakis can help fill that gap as well as bring cutting edge knowhow and methodologies to your team without the overhead of an FTE.

Network Activities

- Arrakis can cover all areas of your network activities including engineering, administration, design, and architecture.

Training

- Arrakis personnel have years of training experience and is fully capable of providing high quality and personable training to help get your people to the next level.

Ensure your network can grow with your vision.



Hosting and Other Services

Take the burden off your shoulders.

Training

- Arrakis personnel have years of training experience and is fully capable of providing high quality and personable training to help get your people to the next level. Specifically we can train your staff on CISA, CISM, Linux+, CCNA, Network+, Security+, and ISO27001

XXX as a service

- In todays world there are numerous opportunities to avoid having a complex environment that requires numerous persons to support. Arrakis can provide several platforms as a service which reduces the need for more staff and the overhead of keeping the equipment safe and healthy.

Web Design

- Arrakis can bring your vision of a high quality website to life. Avoid the monthly fees with other providers or the constant nervousness if someone is going to hijack your website if you don't pay your fee. With Arrakis you pay for the website and you own it outright.

Private Cloud

- Do you have a need for a secure cloud type location? Arrakis can help you get the security you need while still having cloud like functionality. Additionally, if you need to have a backup solution, we can have a dedicated Arrakis machine act as a backup client for you to ensure your company is constantly backed up.

Hosting

- Arrakis offers a full suite of hosting services including email, web, dns, shared folders, shared calendars, O365, etc... Take the burden of hosting off your shoulders and seek reduced prices with Arrakis.



Case Study: GDPR Compliance

The client is an average business, regardless of industry, that deals with the data of EU or UK citizens and is subject to GDPR as well as specific EU and UK country data privacy laws.

The client asks Arrakis to do a discovery of all GDPR regulated information as well as a 3rd party Privacy Impact Assessment. Based on the results of the PIA, Arrakis is asked to perform an overarching security assessment, vulnerability assessment and provide user training for regulated data. The services include all aspects of a security assessment of a company respective of their size to insure that all policies, procedures, controls, and technologies are correctly used to protect the company and the companies data.

Problem

- Rapidly changing or evolving threats
- Demands for compliance with a high risk for fines.
- Internal security organization is young
- High volume of technological use
- High demand for assessments
- Need for experience in security controls
- Challenges dealing with 3rd parties

Solution

- Flexible level of service based on the needs of the client
- Established process using a consistent methodology
- Risk and Threat Assessment services that can be scaled to fit the need of the client
- Vulnerability assessments, policy review, internal and external penetration testing, vendor risk assessments
- Implement a solid process that is easily scalable for future needs

Outcome

- Access to Arrakis resources that have the skills and knowledge to deal with threats
- Increase speed of execution for deliverables to reduce risk.
- Adaptable skillsets that allow for and adjust to a changing environment.
- Transparency of all Arrakis involvement with the client.
- Long term partnership with Arrakis that reduces the needs for continuous negotiation.



Case Study: Intelligence Services

The client is a person of popularity or influence where a negative image may impact their business, stock price, or professional influence in the circles the client revolves in. It is important to the client that negative influences in his/her life be minimized to a reduced and manageable situation.

Problem

- The client is well known in the industry.
- The client is a thought leader.
- The client is worth over \$50MM USD.
- The client has had occasional newsworthy mishaps that have been a negative impact.
- The client has had threats of blackmail as well as attempted KNR.
- Any future mishaps will drastically impact the client in relation to social circles, stock prices, potential for future business, and influence in professional circles.
- Overly negative incidents will cause the client to be shunned.

Solution

- Ensure a complete understanding of all new actors in the clients current and immediate future.
- Ensure a reliable set of misinformation to misdirect adversaries of the client.
- Ensure a solid counter-surveillance program is in place.
- Train the client on basic misdirection, counter-surveillance, and situational awareness.
- Ensure a solid protective plan is in place and provide reliable operational intelligence for PSD to increase safety.
- Provide technology assets that increase the electronic security of the client.

Outcome

- The client has increased freedom of movement without public knowledge.
- The safety of the client is increased.
- The client has more opportunities for secure communication.
- The client has further knowledge of the nearby persons.
- The client has increased awareness in business dealings.
- Adaptable skillsets that allow for and adjust to a changing environment.
- Long term partnership with Arrakis that reduces the needs for continuous negotiation.



Case Study: Security Assessments as a Service (SAaaS)

The client is a leading provider, for their business area, and has operations on a wide scale.

Arrakis and the client team-up to allow Arrakis to perform SAaaS as an unbiased 3rd party. The services include all aspects of a security assessment of a company respective of their size to insure that all policies, procedures, controls, and technologies are correctly used to protect the company and the companies data.

Problem	Solution	Outcome
<ul style="list-style-type: none">• Rapidly changing or evolving threats• Demands for compliance• Internal security organization is young• High volume of technological use• High demand for assessments• Need for experience in security controls• Challenges dealing with 3rd parties	<ul style="list-style-type: none">• Flexible level of service based on the needs of the client• Established process using a consistent methodology• Risk and Threat Assessment services that can be scaled to fit the need of the client• Vulnerability assessments, policy review, internal and external penetration testing, vendor risk assessments• Implement a solid process that is easily scalable for future needs	<ul style="list-style-type: none">• Access to Arrakis resources that have the skills and knowledge to deal with threats• Increase speed of execution for deliverables to reduce risk.• Adaptable skillsets that allow for and adjust to a changing environment.• Transparency of all Arrakis involvement with the client.• Long term partnership with Arrakis that reduces the needs for continuous negotiation.



Case Study: GLBA Compliance Assessment

The client is a leading provider, for their business area, and has operations on a wide scale and processes extremely large amounts of funds.

To remain competitive, the client must be compliance with GLBA which requires technological growth and the unplanned inclusion of extra technology.

Problem

- Rapidly changing or evolving threats
- Demands for compliance
- Client must ensure proper controls are in place to protect sensitive data.
- Client has concerns relating to competitive advantage
- Compliance is required as well as other possible financial regulations.
- Client would like a solid growth plan to ensure a lower risk for “threats of the future”.

Solution

- Assess current policies, procedures, and controls to ensure alignment with FFIEC.
- Established process using a consistent methodology
- Detailed report with suggestions on remediation and using prior experience dealing with financial clients.

Outcome

- Access to Arrakis resources that have the skills and knowledge to demonstrate compliance to regulators and auditors.
- Remediation activities to manage risk
- Adaptable skillsets that allow for and adjust to a changing environment.
- Transparency of all Arrakis involvement with the client.
- Long term partnership with Arrakis that reduces the needs for continuous negotiation.
- Executive level report generation to show status of compliance and where improvement can be sought



Case Study: ISO 27001 Assessment and implementation

The client has an international presence in a regulated industry and must be compliant in an every changing landscape of regulation.

Arrakis provides an ISO 27001/2 assessment to help the client identify information security risks, develop or encourage risk prioritization, and help develop a remediation plan.

Problem

- Comprehensive assessment of the entire information security program.
- Demands for compliance
- Demands for a plan to mitigate risk
- Compliance is required as well as other possible financial regulations locally to branch offices in specific countries.
- Client would like a solid growth plan to ensure a lower risk for “threats of the future”.

Solution

- Assess current policies, procedures, and controls to ensure alignment with ISO 27001.
- Conduct interviews with key personnel and evaluate artifacts as they are provided.
- Provide an executive summary of the current state of the client in comparison to ISO27001 as well as a detailed report showing risk and remediation recommendations.

Outcome

- Access to Arrakis resources that have the skills and knowledge to demonstrate compliance to regulators and auditors.
- Identified areas with risk and suggestions for improvement.
- Remediation activities to manage risk and presented in a prioritized manner.
- Transparency of all Arrakis involvement with the client.



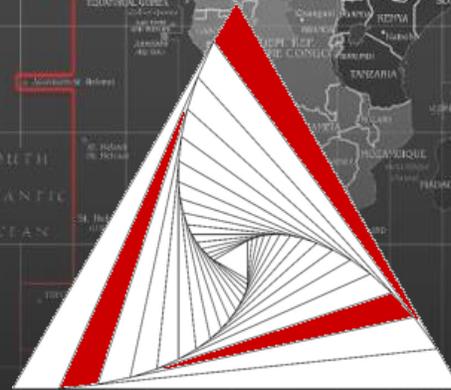
World Wide range of capabilities and reach

Q/A?

For further information, please do not hesitate to contact sales@arrakisconsulting.com or make contact with your personal account manager.

Other interesting hyperlinks

- [General Company Presentation](#)
- [Cybersecurity](#)
- [Compliance and Audit](#)
- [Stages of an Attack](#)
- [Private Hosting Services](#)
- [Hosting and other Services](#)
- [Engineering, Architecture, and Design](#)



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