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**Securing your digital  
world, one bit-byte at a  
time.**



# CYBER SECURITY SERVICES



- ✓ CISO as Service
- ✓ GRC Advisory & Audit
- ✓ Cloud & DevSecOps
- ✓ Application Security
- ✓ Cyber Forensics
- ✓ Cyber Security Solutioning
- ✓ Network Security
- ✓ VAPT
- ✓ Red Teaming
- ✓ IOT Security
- ✓ Phishing Simulation





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# SYSTEM INTEGRATION

- ✓ Managed Infrastructure
- ✓ Managed Cloud
- ✓ Remote Infrastructure  
Monitoring &  
Management – RIMM  
(Proact)
- ✓ Capability Services
- ✓ Infrastructure  
Automation Services



# Technology Experience & Expertise

## Cyber Security Services



| CISO as Service   | GRC Advisory & Audit  | Cloud & DevSecOps  | Application Security  | Cyber Forensics   |
|---|---|--|---|---|
| <ul style="list-style-type: none"><li>✓ Expertise</li><li>✓ Flexibility</li><li>✓ Cost-Effective</li><li>✓ Customization</li><li>✓ Risk Management</li><li>✓ Governance and Compliance</li><li>✓ Strategy Development</li><li>✓ Incidence Response</li><li>✓ Business Continuity Planning</li></ul> | <ul style="list-style-type: none"><li>✓ Risk assessment and management</li><li>✓ Compliance and regulatory management</li><li>✓ Internal controls and governance</li><li>✓ Cybersecurity and information security</li><li>✓ Third-party risk management</li></ul> | <ul style="list-style-type: none"><li>✓ Cloud security assessment</li><li>✓ Cloud security architecture design</li><li>✓ Cloud security management</li><li>✓ Cloud compliance</li><li>✓ Secure software development</li><li>✓ Continuous security testing</li><li>✓ Security automation</li><li>✓ Compliance and regulatory management</li></ul> | <ul style="list-style-type: none"><li>✓ Application security assessment</li><li>✓ Application security testing</li><li>✓ Secure coding practices</li><li>✓ DevSecOps integration</li><li>✓ Security automation</li><li>✓ Compliance and regulatory management</li></ul> | <ul style="list-style-type: none"><li>✓ Incident response</li><li>✓ Digital forensics</li><li>✓ Malware analysis</li><li>✓ Network forensics</li><li>✓ Forensic readiness planning</li><li>✓ Expert witness testimony</li></ul> |

# Technology Experience & Expertise

## Cyber Security Services



| Cyber Security Solutioning  | Network Security  | Vulnerability Assessment and Penetration Testing (VAPT)  | Red Teaming   | IOT Security   | Phishing Simulation  |
|---|---|--|---|--|--|
| <ul style="list-style-type: none"><li>✓ Security risk assessment</li><li>✓ Security solution design</li><li>✓ Security solution implementation</li><li>✓ Security solution monitoring and management</li><li>✓ Compliance and regulatory management</li><li>✓ Security training and awareness</li></ul> | <ul style="list-style-type: none"><li>✓ Network security assessment</li><li>✓ Firewall management</li><li>✓ Intrusion detection and prevention</li><li>✓ VPN management</li><li>✓ Wireless security management</li><li>✓ Network segmentation</li></ul> | <ul style="list-style-type: none"><li>✓ Vulnerability Assessment</li><li>✓ Penetration Testing</li><li>✓ Reporting</li><li>✓ Risk Analysis</li><li>✓ Compliance Assessment</li><li>✓ Remediation Support</li></ul> | <ul style="list-style-type: none"><li>✓ Planning</li><li>✓ Reconnaissance</li><li>✓ Attack Simulation</li><li>✓ Reporting</li><li>✓ Risk Analysis</li><li>✓ Remediation Support</li></ul> | <ul style="list-style-type: none"><li>✓ Device Assessment</li><li>✓ Network Segmentation</li><li>✓ Access Management</li><li>✓ Data Protection</li><li>✓ Security Monitoring</li><li>✓ Compliance Assessment</li></ul> | <ul style="list-style-type: none"><li>✓ Realistic Scenarios</li><li>✓ Employee Training</li><li>✓ Customization</li><li>✓ Reporting and Analysis</li><li>✓ Continuous Simulated Testing</li><li>✓ Click rate reduction</li></ul> |



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# Benefits of v-CISO

With our v-CISO program, you will have access to a pool of seasoned cybersecurity practitioners who will fill the role of a Chief Information Security Officer (CISO) in your organization and business. Equip your organization with the leadership and skill of a CISO who will define the vision, strategy and cybersecurity program to ensure your organizations information assets and technology protection.



Provide leadership on risk, governance, Incident response, Disaster recovery & Business continuity



Provide consultation to build effective security posture



Assist with integration and interpretation of information security controls



Facilitate the integration of security into your business strategy, process & culture



Serve as an Industry expert (HIPAA, PCI-DSS, NIST, ISO 27000 etc.)



Provide Expert assessment on security threats, risks compliance



Manage development, roll out, & ongoing maintenance of security programs



Serve as security liaison to auditors, assessors and examiners

# GRC Advisory & Audit



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Consultants help identify, assess, and prioritize potential risks to an organization's operations, assets, and reputation. They develop risk management plans and help implement controls to mitigate those risks.

**Risk  
Management**

Consultants help organizations stay up-to-date with the latest regulations, and industry standards. They develop compliance management programs, conduct compliance audits, and help organizations prepare for regulatory examinations.

**Compliance  
Advisory**

Consultants help organizations improve their internal controls and governance practices to increase efficiency, effectiveness, and transparency. They can assist with internal control assessments, policies and procedures development, and board governance support.

**Control  
Regulation**

Consultants help organizations manage and mitigate cybersecurity and information security risks. They conduct risk assessments, develop cybersecurity strategies, and help organizations implement security controls and protocols.

**Strategizing  
Security**

Consultants help organizations manage risks associated with third-party vendors and suppliers. They conduct due diligence on vendors, assess vendor risk, and help organizations implement controls to mitigate those risks.

**TPRM**

# Cloud & DevSecOps

## Cloud security assessment

This involves assessing the security posture of an organization's cloud infrastructure, including identifying potential vulnerabilities and making recommendations for remediation.

## Cloud security architecture design

This involves designing secure cloud architecture that meets the organization's security and compliance requirements.

## Cloud security management

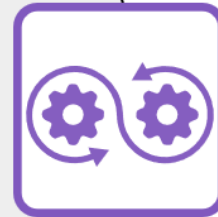
This involves providing ongoing monitoring and management of cloud security, including access control, data protection, and incident response.

## Cloud compliance

This involves ensuring that the organization's cloud infrastructure meets relevant compliance requirements, such as HIPAA or PCI-DSS.



**CLOUD Security**  
as a  
service offering



**DevSecOps** as a  
service offering

## Secure software development

This involves incorporating security into the software development process, including secure coding practices, security testing, and threat modeling.

## Continuous security testing

This involves conducting ongoing security testing of software applications and infrastructure to identify and remediate potential vulnerabilities.

## Security automation

This involves automating security processes, such as vulnerability scanning and patch management, to improve efficiency and reduce the risk of human error.

## Compliance and regulatory management

This involves ensuring that software development processes and applications meet relevant compliance standards, such as GDPR or CCPA.





# Application Security



This involves assessing the security posture of an organization's software applications, including identifying potential vulnerabilities and making recommendations for remediation.



This involves training software developers on secure coding practices, including common vulnerabilities and how to prevent them.



This involves automating security processes, such as vulnerability scanning and patch management, to improve efficiency and reduce the risk of human error.



This involves conducting security testing of software applications, such as penetration testing or vulnerability scanning, to identify and remediate potential security issues.



This involves integrating security into the software development process, using DevSecOps principles to ensure that security is built into applications from the beginning.



This involves ensuring that software applications meet relevant compliance requirements, such as GDPR or HIPAA.

# Cyber Forensics



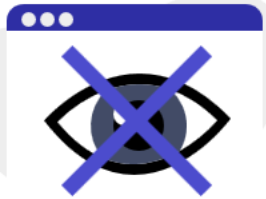
## Incident response

This involves responding to cyber security incidents, such as data breaches or network intrusions, to contain the damage and prevent further harm.



## Digital forensics

This involves collecting and analyzing digital evidence related to a cyber security incident, including computer systems, network logs, and other data sources.



## Malware analysis

This involves analyzing malware to determine its behavior, origins, and potential impact on an organization's systems and data.



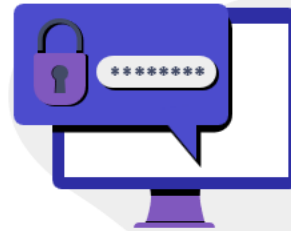
## Forensic readiness planning

This involves developing plans and procedures to ensure that an organization is prepared to respond to a cyber security incident and to conduct effective forensic investigations.



## Network forensics

This involves analyzing network traffic to identify potential security incidents, such as unauthorized access or data exfiltration.



## Expert witness testimony

This involves providing expert testimony in legal proceedings related to cyber security incidents.

# Cyber Security Solutioning



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## Security risk assessment

This involves assessing an organization's security posture and identifying potential security risks, including vulnerabilities in their systems and processes.

## Security solution design

This involves designing comprehensive security solutions that are tailored to the organization's specific needs and requirements, and that address the identified security risks.

## Security solution implementation

This involves implementing the designed security solutions, including the installation and configuration of hardware and software solutions, and the development and implementation of security policies and procedures.

## Security solution monitoring and management

This involves ongoing monitoring and management of the security solutions to ensure that they remain effective and that any new security risks are identified and addressed in a timely manner.

## Compliance and regulatory management

This involves ensuring that the organization's security solutions meet relevant compliance requirements, such as GDPR or HIPAA.

## Security training and awareness

This involves providing training and awareness programs to employees and stakeholders to ensure that they understand the importance of security and are able to recognize potential security threats.



# Network Security



This involves assessing an organization's network security posture, including identifying potential vulnerabilities and making recommendations for remediation.



This involves managing and maintaining firewalls to ensure that they are configured correctly and that they provide adequate protection against potential security threats.



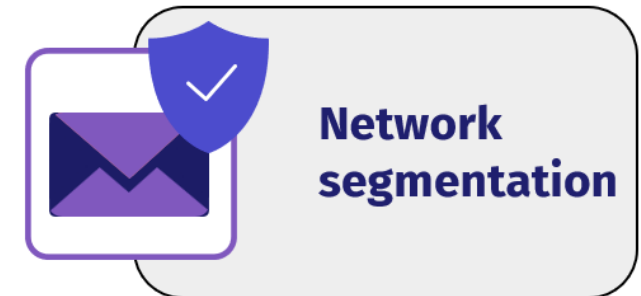
This involves monitoring network traffic for signs of potential security breaches, such as unauthorized access attempts or malware infections, and taking action to prevent them.



This involves managing and maintaining virtual private networks (VPNs) to ensure that they provide secure remote access to the organization's network.



This involves managing and securing wireless networks, including the use of encryption and other security measures to protect against unauthorized access.



This involves dividing an organization's network into smaller, more secure segments to reduce the risk of a security breach affecting the entire network.

# Vulnerability Assessment and Penetration Testing (VAPT)



## Vulnerability Assessment

This involves identifying potential vulnerabilities in the organization's applications, networks, and systems using automated tools and manual techniques.



## Risk Analysis

This involves analyzing the identified vulnerabilities to determine the level of risk to the organization's systems and data.



## Penetration Testing

This involves simulating real-world cyber attacks to identify potential attack vectors and assess the effectiveness of the organization's defenses.



## Compliance Assessment

This involves assessing the organization's compliance with relevant security standards and regulations, such as PCI DSS or HIPAA.



## Reporting

This involves providing detailed reports on the identified vulnerabilities, potential attack vectors, and recommendations for remediation.



## Remediation Support

This involves providing support to the organization in remediation efforts, including guidance on prioritizing and addressing identified vulnerabilities.



# Red Teaming

## Planning

This involves identifying the scope of the Red Team engagement, developing the rules of engagement, and defining the objectives and goals of the engagement.

## Reconnaissance

This involves gathering information about the target organization, including its infrastructure, networks, employees, and security posture.

## Attack Simulation

This involves simulating real-world attacks on the organization's systems, networks, and facilities using a combination of social engineering, phishing, and other techniques.

## Reporting

This involves providing detailed reports on the identified vulnerabilities, potential attack vectors, and recommendations for remediation.

## Risk Analysis

This involves analyzing the identified vulnerabilities to determine the level of risk to the organization's systems and data.

## Remediation Support

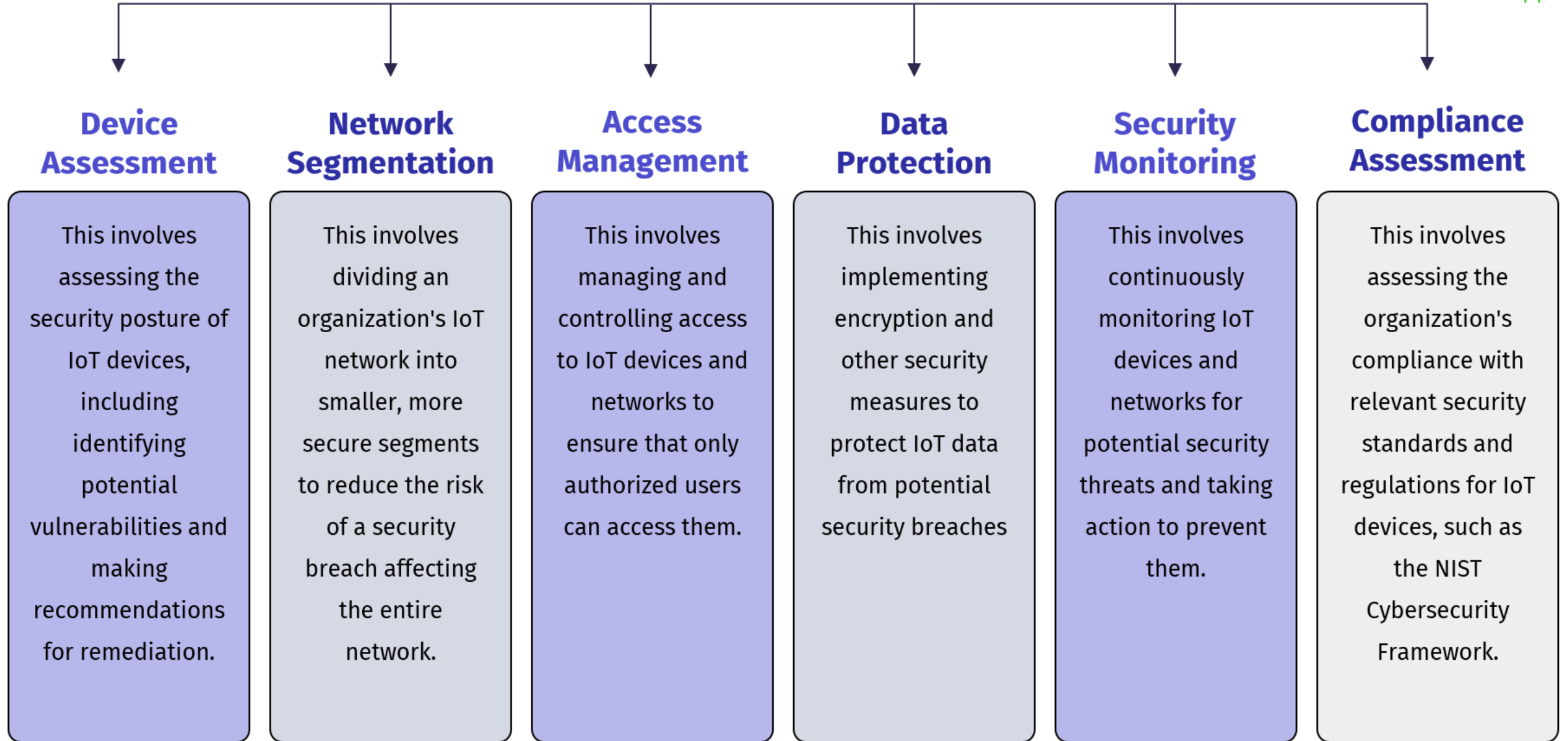
This involves providing support to the organization in remediation efforts, including guidance on prioritizing and addressing identified vulnerabilities.



# IoT Security



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# Phishing Simulation

## Everything you need to tackle human risk, managed for you

- ✓ Drive security awareness
- ✓ Demonstrate compliance
- ✓ Reduce human error
- ✓ Combat phishing attacks
- ✓ Safeguard exposed users
- ✓ Implement security standards



36% of data breaches involve phishing, 11% more than in 2020.

**Humans are targets**

Human error is a key factor in over 90% of data breaches.

**Humans make mistakes**

Key standards like ISO 27001 require regular security awareness training.

**Compliance is essential**





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# SYSTEM INTEGRATION



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# System Integration

Making a difference in helping our clients to successfully exceed in achieving their business goals



**IT  
MANAGEMENT**



**REMOTE  
MANAGEMENT**



**IT  
SECURITY**



**APPLICATION  
MANAGEMENT  
& SUPPORT  
(AMS)**



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# Managed IT Services

We help clients to transform their operations—to harness talent, data and intelligence—to deliver the right information where and when its needed, so they can See More, Do More and Be More.



# Technology Experience & Expertise

## Generic Technology Stack



| Microsoft  | IBM RedHat  | CISCO  | Cloud   | Security   |
|--|---|--|---|--|
| <ul style="list-style-type: none"> <li>✓ Business Applications</li> <li>✓ Cloud</li> <li>✓ Technology Services</li> <li>✓ Cybersecurity</li> </ul> | <ul style="list-style-type: none"> <li>✓ Infrastructure &amp; Integration</li> <li>✓ Cloud</li> <li>✓ Application Development</li> <li>✓ Automation &amp; Management</li> </ul> | <ul style="list-style-type: none"> <li>✓ Security</li> <li>✓ Collaboration</li> <li>✓ Data Center</li> <li>✓ Enterprise Network</li> </ul> | <ul style="list-style-type: none"> <li>✓ Cloud strategy, assessment and roadmap</li> <li>✓ Cloud transformation and migration</li> <li>✓ Cloud management and optimization</li> <li>✓ Software as a Service (SaaS)</li> <li>✓ Cloud application services</li> <li>✓ Cloud security</li> </ul> | <ul style="list-style-type: none"> <li>✓ Strategy &amp; Risk</li> <li>✓ Cyber Defence</li> <li>✓ Digital Identity</li> <li>✓ Application Security</li> <li>✓ Managed Security</li> </ul> |

# Technology Experience & Expertise

## Cloud Stack



### Cloud strategy, assessment and roadmap

Define your Journey to Cloud with our suite of application-led services that include industry-tailored insights and strategies to help you prioritize business planning and actions to maximize results.

### Cloud transformation and migration

Modernize and migrate your applications, build new cloud-based applications, and transform your architecture and infrastructure while moving to a new technology operating model.

### Cloud management and optimization

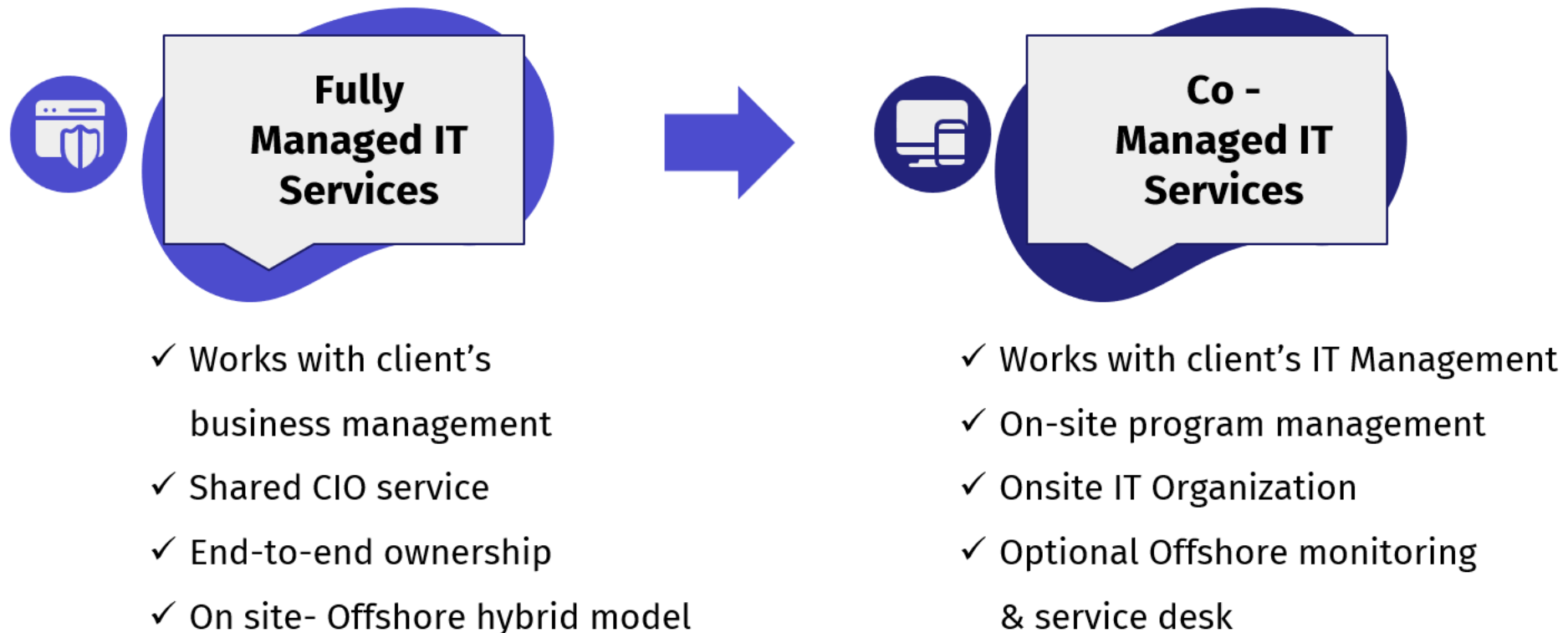
Manage cloud spend with highly reliable cloud services and advanced analytics that support your cloud infrastructure with service management, service desk, monitoring and flexible security operations.

### Cloud security

Protect your business with our cloud security services including governance and compliance, application security, data privacy and protection, foundation security, digital identity and cyber defence.

# Managed Infrastructure Services

Managed Infrastructure Services can simplify hybrid infrastructure management with modular services as you only pay for what you need. We can globally deliver services for a broad range of traditional and upcoming IT infrastructure models. We focus on automation and analytics to manage critical infrastructure components.



# Value Proposition: Managed Services



Based on the Industry Best service practices, stringent quality checks and robust training methodology our services assure Reliability of service.



Our value of Customer Centricity enables us to respond quickly to any demand of the situation, be it an incident, a problem or exploring new technologies for proactive support.



Every customer is unique, and we tailor our service engagement models, pricing options, technology adoptions and delivery locations to our customer's choice.



Platform, Framework and partner Managing services are time tested and adopt to business needs of our customers.

# Why Newtons Apple ?

## Expertise and experience

With our vast experience and knowledge, we can provide you with the most effective and efficient security solutions to protect your business from potential threats.

## Customizable solutions

We take the time to understand your business and identify potential vulnerabilities, and then create a bespoke security solution that meets your needs..

## Comprehensive solutions

We use a multi-layered approach to security to ensure that your business is fully protected, and our team of experts is always available to provide ongoing support and maintenance.

## Cost effective

We use the latest technology to ensure that you are getting the most effective and efficient security solutions at the most competitive prices.



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## Trust

We take the time to understand your business needs, and we work with you to develop a tailored security solution that you can trust. Our reliable and effective security solutions are designed to meet the specific requirements of your business, and we are always available to provide ongoing support and maintenance.

## Compelling value proposition

With our comprehensive and customizable solutions, you can trust that your business is in safe hands and that you are getting the best possible value for your investment.

## Scalability

We provide a security solution that will scale with your business. Our security solutions are designed to be flexible and adaptable, allowing us to quickly respond to any changes in your security needs.

## Partnerships and collaborations

We have formed strategic partnerships with leading security technology providers and industry experts to ensure that we can provide our customers with the latest and most effective security solutions.

## Reliability

We use only the latest and most advanced security technology, and our team of experienced professionals works tirelessly to ensure that your security system is always up and running.





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