



# Security Consultation & Assessment

Secure Cloud Services for your online business since 1999.  
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**OUR CONSULTANTS & CYBERSECURITY EXPERTS HELP YOUR ORGANIZATION ADAPT, MITIGATE RISK**



ISO Consulting



GDPR Consulting



Virtual CISO



HITECH Consulting



PCI DSS Compliance



SOC Compliance



Blockchain Consulting



# Security Partnerships

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## SSL Certificates



## Endpoint Security



## Firewall Security



## WAF + CDN + DDoS



## DNS Security

## Secure Web Gateway



## Email Security



## Phishing Mitigation (Anti-Phishing)



## Network Security



## Network Access Control



## Vulnerability Management



## File Integrity Monitoring



## Container Security



## Threat Intelligence Platform



## SIEM + SOC Management



## Security Automation (SOAR + DevSecOps)



## Deception & IR Platform



## UAM + UEBA



## Governance Risk Compliance



## Application Security Testing



## Digital Risk Management



## Data Classification



## Identity & Access Management



## CASB

## Security Hardware



## Software Defined Perimeter





# Security Staff Certifications

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## ISC



## ISACA



## CREST



## GIAC



## IAPP



## PCI



## DSCI



## Service Delivery





# Security Certifications

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## EC-Council



## BSI



## Cloud Security Alliance



CSA STAR Self Assessment



CSA STAR Certification



CSA STAR Attestation



## AICPA



SOC 1 TYPE II



SOC 2 TYPE II



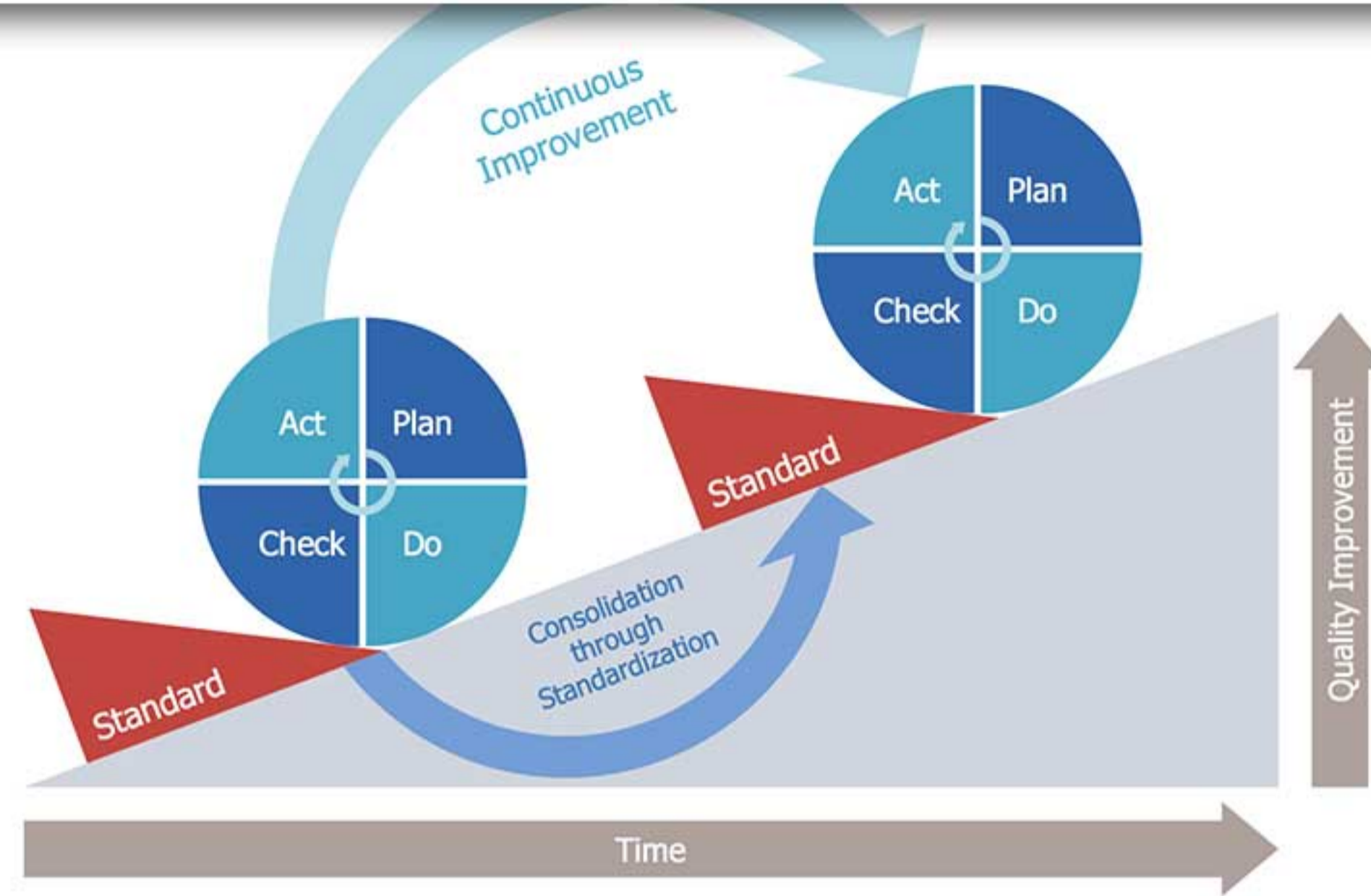
SOC 3



# ISO Process Consulting

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## Help you implement ISO standards by effectively documenting your processes in a clear graphic language

### Why Choose Us



A complete package of systems and implementation solutions



Customization to the customer's unique requirements



One-stop training, & consulting services



Strategic Planning Consultant



Gap identification & adherence to industry standards



Quality problem assessment and optimization services

### Key Benefits



Reduction in production costs



More Effective Operations



Improvement of technological aspects



Operating Profits



Increased Productivity



Increased Efficiency



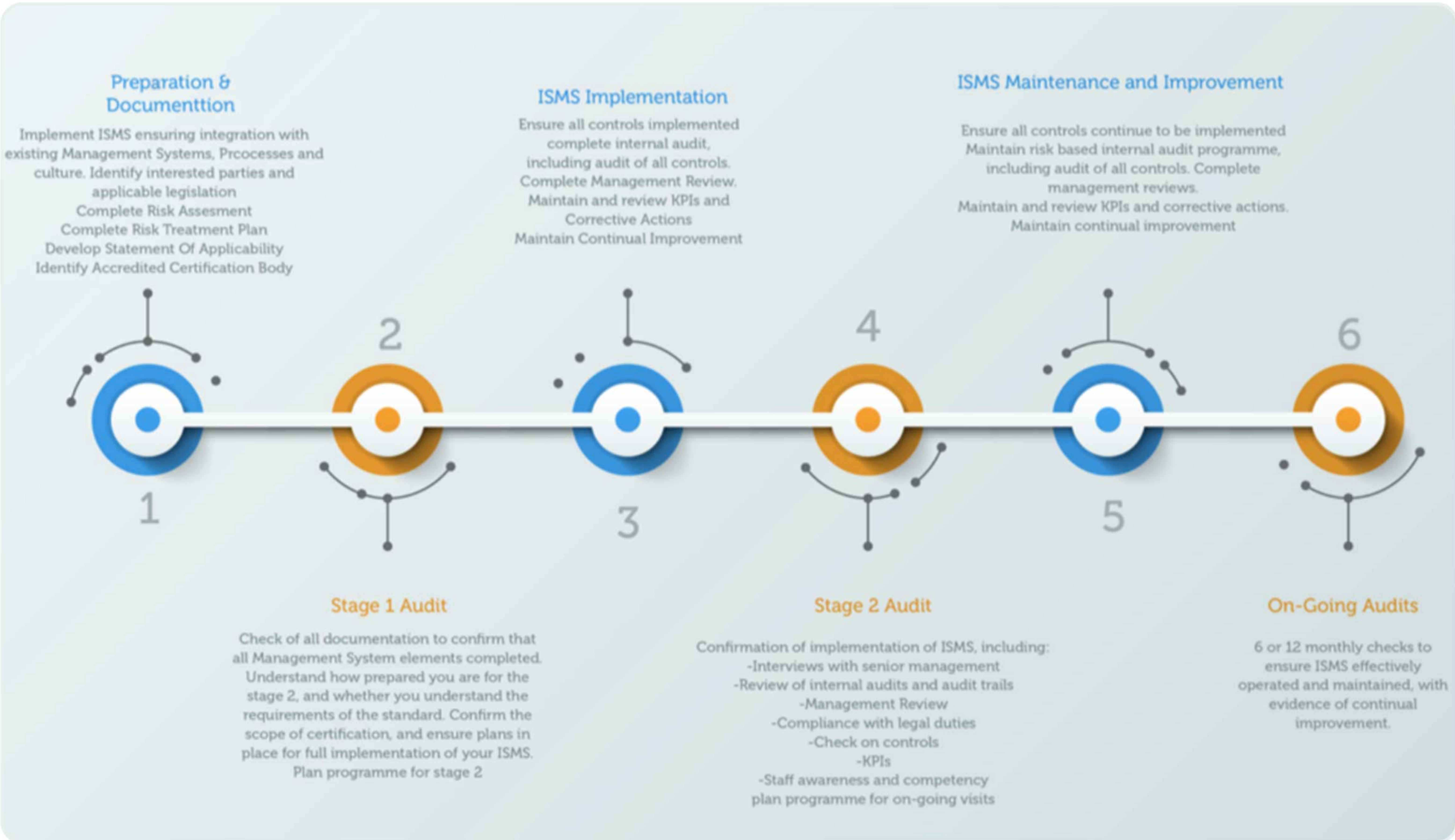
Reduction of waste



Better inventory turnover

Learn More <https://www.xcellhost.cloud/isoprocess>

ISO Process Flow





# GDPR Consulting

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The EU GDPR regulation forces you to protect your customer data you store or communicate... all while making you also improve its accuracy, governance, & management.

## Why Choose Us



Use Our Tech to Get Your Data in Shape for GDPR



A Simple, Straight Path to Becoming GDPR Compliant



Decades of Experience with Data Privacy & Protection



Gain Instant Access to 20+ Years of Security Expertise



The Right GDPR Implementation Plan for Your Org



Follow a Cost-Effective Approach to GDPR Compliance

## Key Features



System Study and Scope Finalization



Data Discovery and Assessments



Control Framework Design and Roadmap Preparation



Implementation Support and Advisory



Internal Audit



Privacy Impact Assessment

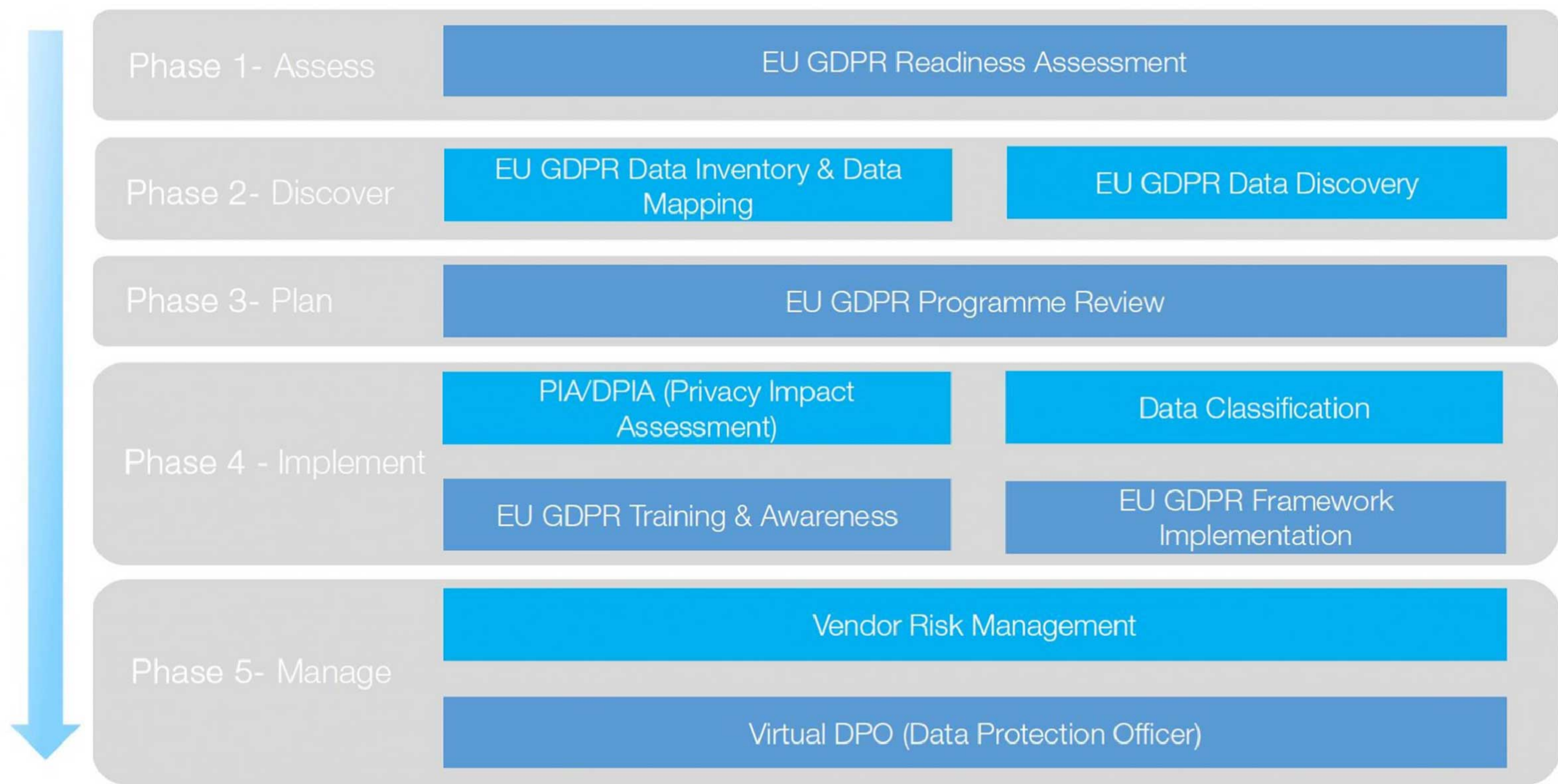


Managed GDPR Services

Learn More <https://www.xcellhost.cloud/GDPR>



XcellHost Methodology





# Virtual CISO

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XcellHost vCISO service designed to make top-tier security analysts available to your organization for security expertise & guidance.



## Features



Experienced security experts



Operates as an extension of your business



Tailored to business needs



Clear support and advice



Full reporting and KPIs



Highly scalable

## Key Benefits



Receive trusted advice



Achieve compliance



Complete Coverage & Increase Efficiency



Enhance business confidence



Measure security effectiveness



Identify real security improvements



Reduce management overheads

Learn More

<https://www.xcellhost.cloud/vCISO>

Process





# HITECH Consulting (HIPAA + HYTRUST)

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Strengthen security postures and identify weaknesses with a consultative risk assessment while navigating the complex HIPAA compliance landscape.



Discover



Access



Prioritize



Plan



Build



Run

## Our Services Includes



HIPAA regulatory compliance consulting



Privacy and Data Breach Notification



Remediation and Management



Meaningful Use Risk Assessment



Security Auditing and Testing



Privacy Auditing and Testing



HIPAA Gap Analysis



HIPAA Risk Analysis



HIPAA policy and procedures implementation



Organizational HIPAA Training

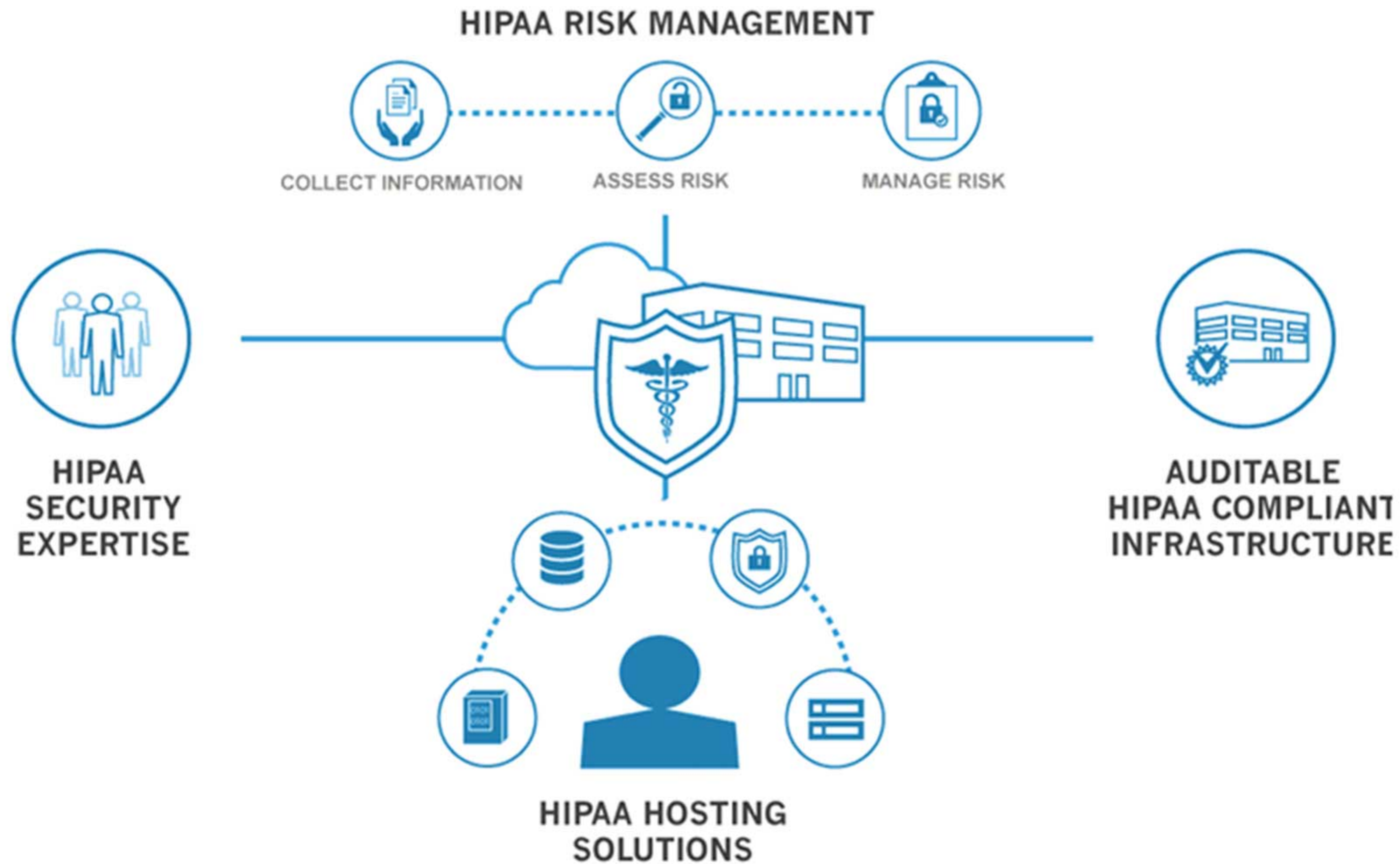
Learn More

<https://www.xcellhost.cloud/HITECHconsulting>



## HIPAA Consulting

XcellHost ensures clients successful compliance of policies and procedures. Our team of Subject Matter Experts have the knowledge and skills to provide the consultancy and implementation services for the standard implementation. XcellHost consultants ensure this compliance by systematic checks of compliance.



### Predict Threats

Gain proactive insights into the threats facing your organization.

### Discover Vulnerabilities

Identify potential weaknesses in your environment before hackers do.

### Augment Capabilities

Supplement in-house resources with expert HIPAA cybersecurity support.

### Maintain Readiness

Develop an Incident Response Plan for rapid response to a breach.



# PCI DSS Compliance

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Our PCI compliance consulting service gives you end-to-end support to implement, strengthen, and certify with PCI DSS regulations.

## Process



Review of cardholder data systems



Evaluate System Security



Evaluate Environment Security



Evaluate Non-Technical Environment



Remediation support



Comprehensive review for cardholder data locations (CDE) & Applications

## Benefits



Reduces the cost of a data breach



Improve customer relationship



Protects your clients



Provides a security standard



Scope Assessment



Gap Analysis



Implementation Support

Learn More

<https://www.xcellhost.cloud/pciconsulting>

## PCI Compliance Consulting Services



Gain Comprehensive Visibility on Current State



Get Streamlined Processes that Stay Operational



Let Our Consultants Take the Helm



Get Swift Compliance for a Value-Driven Fee



Get all the Support You Need



Gain Instant Access to 18 Years of Security Expertise

## The 12 pillars of the PCI DSS

Goals	PCI DSS requirements
Build and maintain a secure network	<ol style="list-style-type: none"> <li>1. Use a firewall</li> <li>2. Do not use default parameters</li> </ol>
Protect card holder data	<ol style="list-style-type: none"> <li>3. Protect stored cardholder data</li> <li>4. Encrypt transmission of cardholder data</li> </ol>
Maintain a vulnerability management program	<ol style="list-style-type: none"> <li>5. Use anti-virus software</li> <li>6. Develop secure systems and applications</li> </ol>
Implement strong access control measures	<ol style="list-style-type: none"> <li>7. Restrict access to cardholder data</li> <li>8. Assign a unique ID to each person</li> <li>9. Restrict physical access to cardholder data</li> </ol>
Regularly monitor and test networks	<ol style="list-style-type: none"> <li>10. Monitor all access to network and cardholder data</li> <li>11. Regularly test security systems and processes</li> </ol>
Maintain an information security policy	<ol style="list-style-type: none"> <li>12. Maintain a security policy</li> </ol>

## Achieve PCI DSS Compliance Audit

All merchants from small to large organizations must comply with PCI DSS. The compliance requirements require a yearly security audit beyond an annual amount of transactions defined as follows:

	Criteria	Annual QSA Audit	Annual SAQ	Quarterly ASV Scan
Merchants	L1 6 million transactions per year or compromised	V		V
	L2 1 million to 6 million transactions per year		V	V
	L3 20 000 to 1 million e-commerce transactions per year		V	V
	L4 Others		V	V
Service providers	L1 Payment gateways	V		
	L2 Store, process or transmit 1 million accounts/transactions per year	V		
	L3 Others		V	V



# SOC1 SOC2 SOC3 Compliance

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Service Organisation Controls aims to protect the interest of the user entity while receiving services from the service organisation.

## Our Approach



Initial Study



Scope Definition



Gap Analysis



Conduct Awareness Session



Asset Inventory



Risk Assessment



Risk Treatment



SOP Document Set



Rolling Out Recommendations



User Training



Pre-Assessment

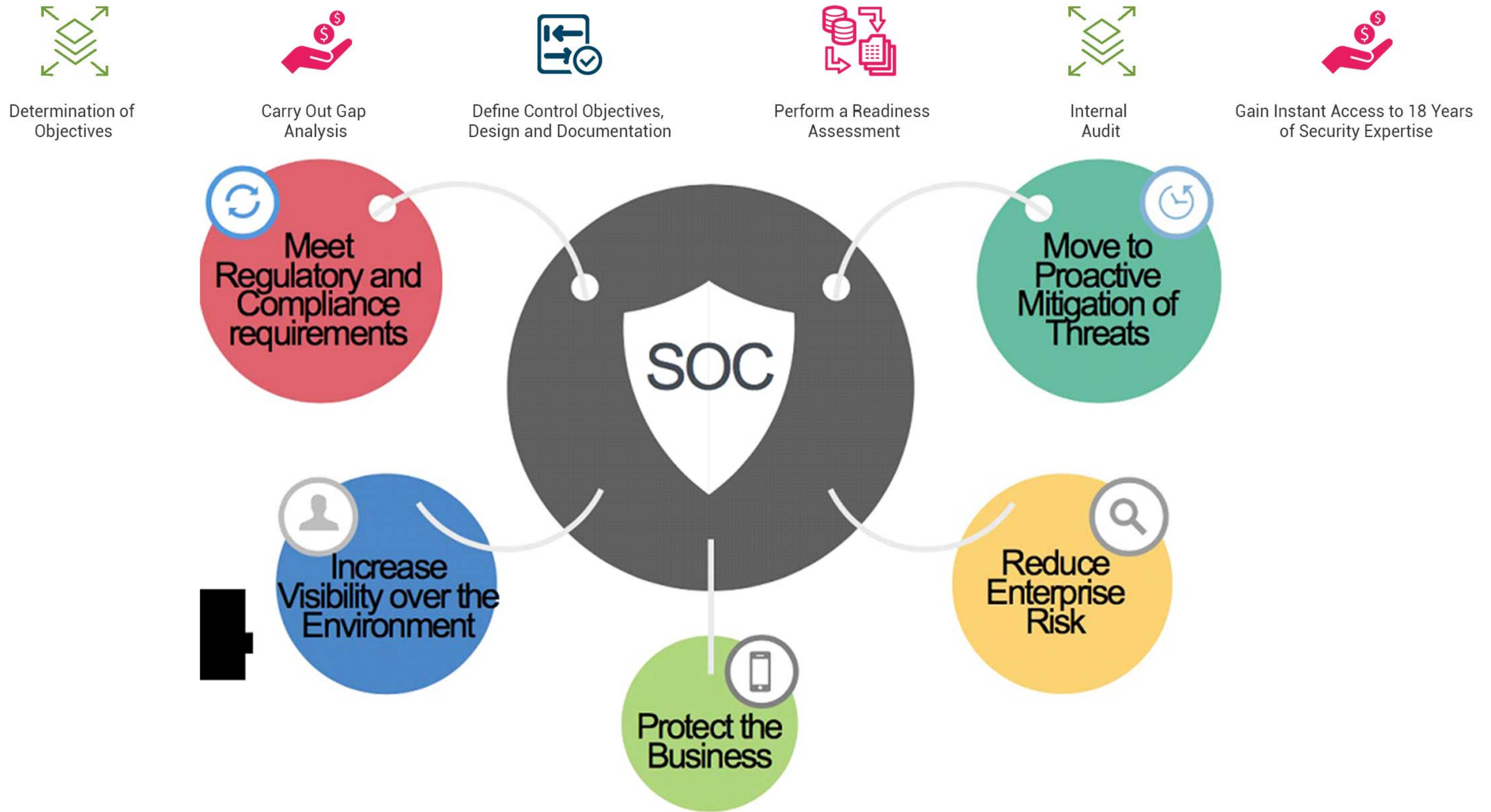


Certification & Continual Support

Learn More <https://www.xcellhost.cloud/socconsulting>



## SOC Compliance Steps



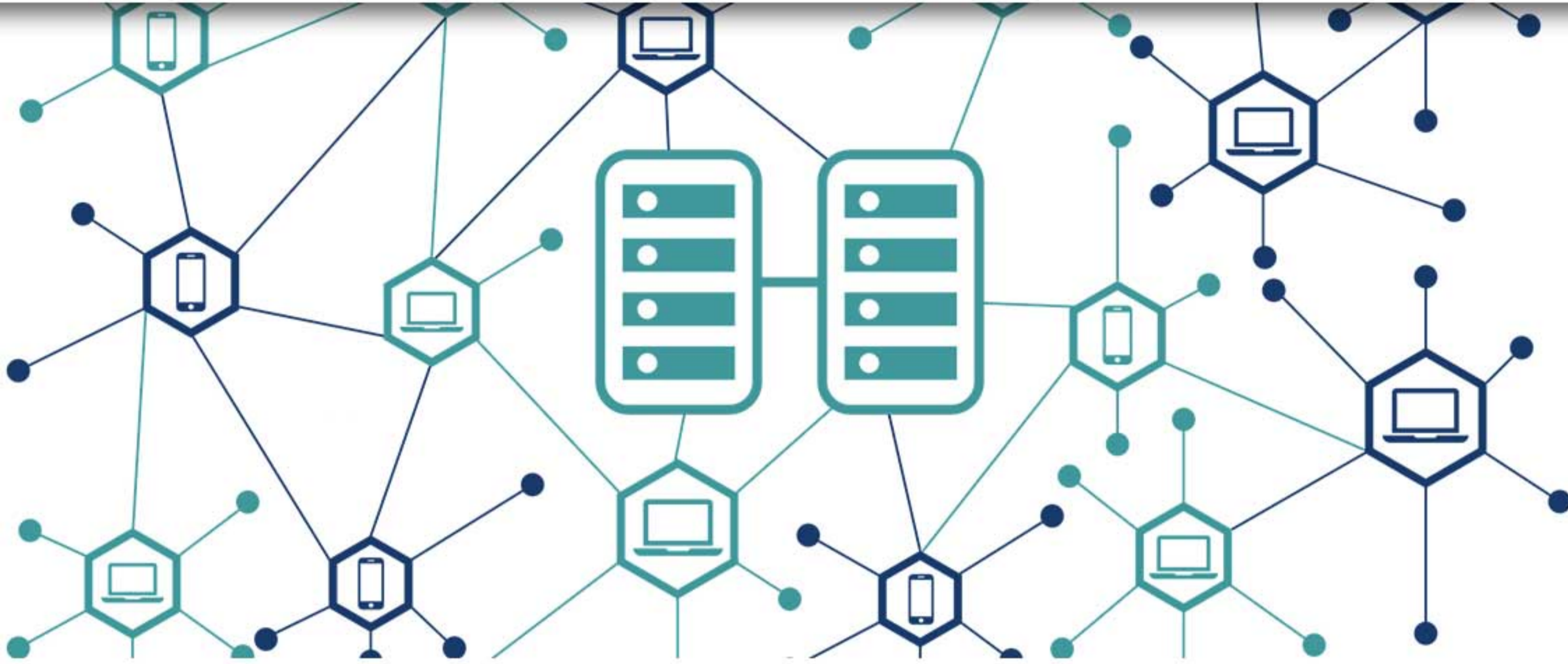
Upon implementation of the framework, it is a demonstration of internal control over financial reporting (ICFR).  
At XcellHost we have methodology to obtain SOC compliance for our clients.



# Blockchain Consulting

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Exploring the deep treasure of data efficiency with the right expertise. We help enterprises to identify the potential of Blockchain for their businesses with our consulting

## Process



Ideation



Assessment



Technical Component Definition



Integration



Prototype



Build a Product

## Benefits



Payments & Transactions



Smart Systems & Data Storage



Content Distribution & Intellectual Property



Remittances & Smart Contracts



Operation of Decentralised Grids



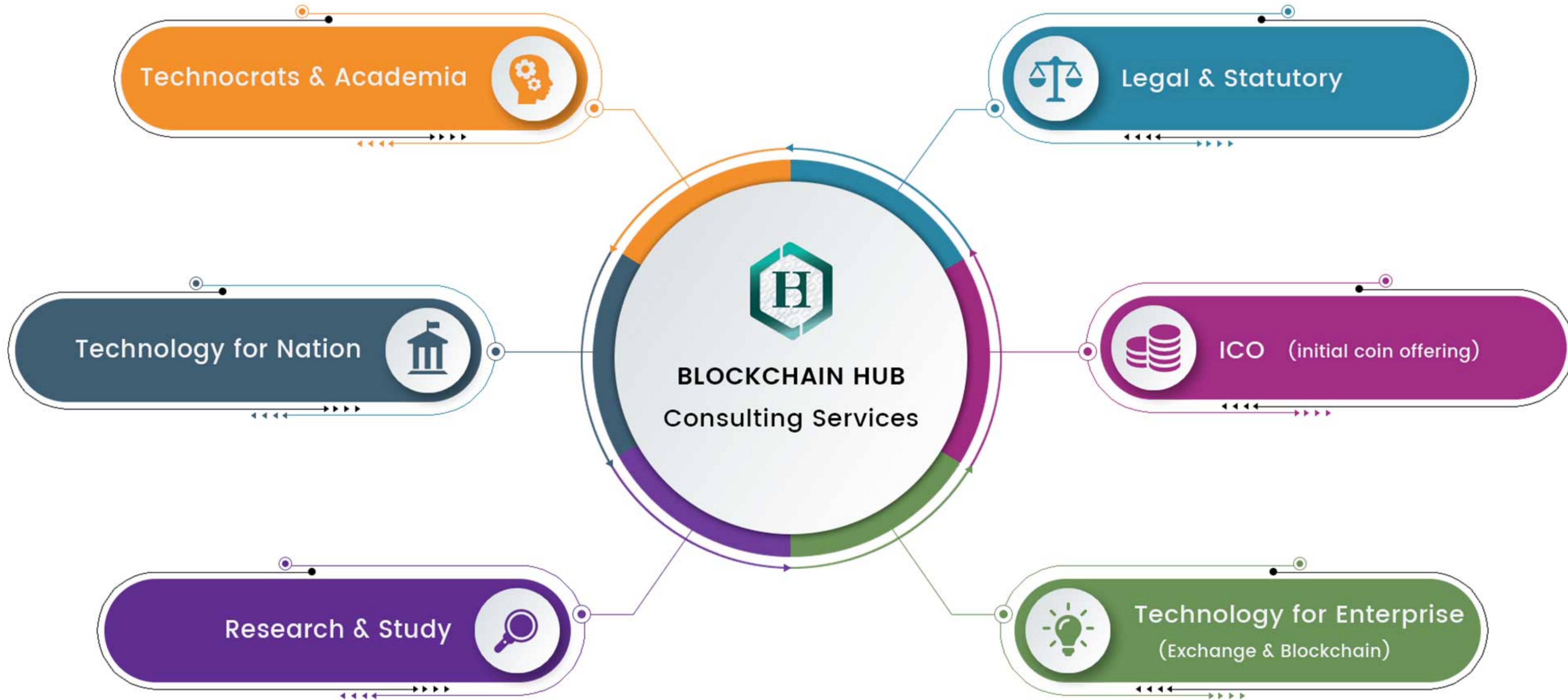
Supply Chains

Learn More

<https://www.xcellhost.cloud/blockchainconsulting>

## Our Blockchain Consulting Services

- Blockchain Platform Identification
- Blockchain POC
- Understanding Business Logic
- Operational Efficiency
- Blockchain MVP Builds
- Smart Contract Development Product Design (UI/UX)



### Supported Tools

- Hyperledger Fabric
- BlockExplorer
- Hyperledger Composer
- Hyperledger Sawtooth
- Mist
- Caliper
- Multichain
- NXT
- Exonum
- Parity



# Social Engineering Testing

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XcellHost social engineering testing assesses your people, processes, & procedures via email phishing, telephone vishing and onsite attempts to breach physical safeguards.

## Why Choose Us



Pretexting



Diversion Theft



Phishing



Spear Phishing



Water-Holing



Baiting



Quid Pro Quo



Tailgating



Honeytrap



Rogue

## Process



Reconnaissance



Test Planning



Attack vectors Identification



Penetration attempt



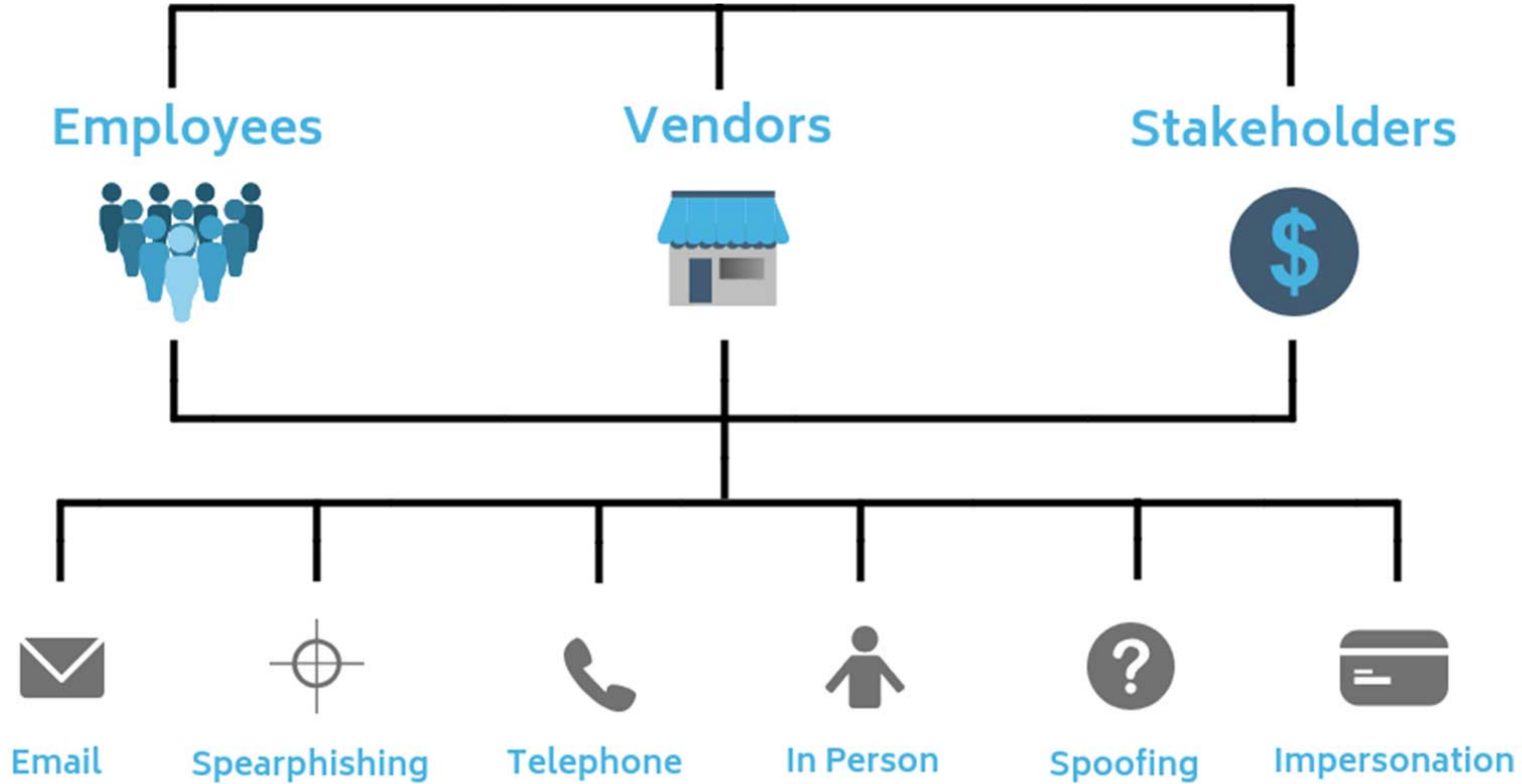
Root Cause Analysis and DREAD Reporting



Vulnerabilities Elimination

Learn More <https://www.xcellhost.cloud/socialengineeringtesting>

Social Engineering Testing Approach



Threat Landscape

Examples of each factor in the threat landscape:

**Email**

- Phishing
- Spear phishing
- CEO fraud (aka Business Email Compromise or BEC)

**Social Media and Internet**

- Reconnaissance
- Fake friends
- Watering hole attacks
- Use of breach data

**Trends**

- Ransomware
- Pseudo-ransomware
- False flag operations
- Extortion
- Automation
- Search result poisoning

**Criminal Groups**

- Malicious insiders
- Organized crime
- Hacktivists
- Nation states
- Terrorists

**Attack Vectors**

- Physical on-site attacks
- Endpoint
- Mobile
- Network
- Cloud
- IoT



# ISAE 3402 Assessment

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## Elevate customer confidence globally with ISAE 3402

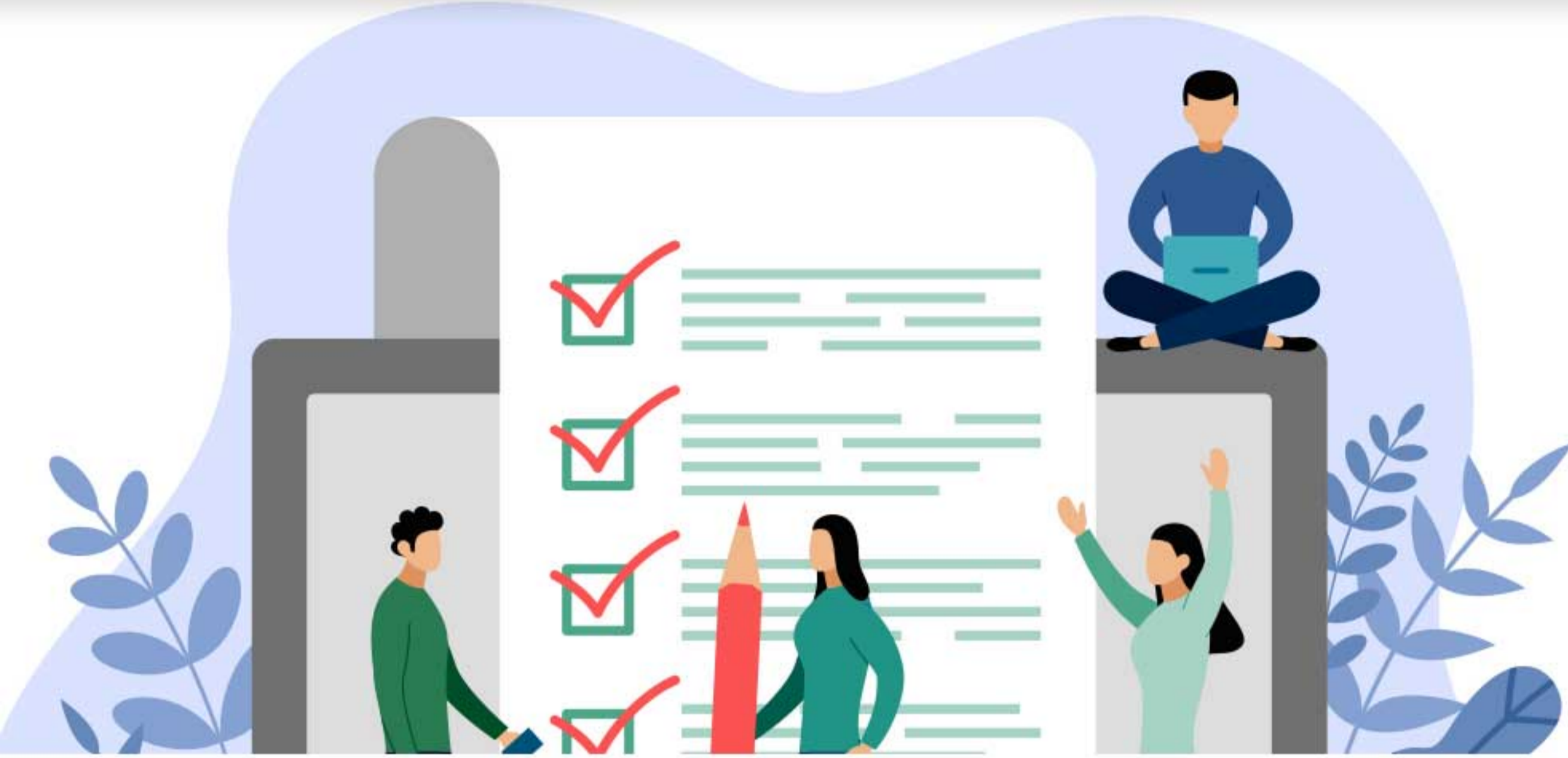
Reinforcing Confidence through Demonstration of Effective Controls

**14**  
Clients Served

**94%**  
Client Satisfaction Rating

**9.7**  
Average Years of Experience

**92%**  
Client Retention Rating



### ISAE 3402 Assessment



Prepare and present a complete and accurate description of the 'system'



Specify the control objectives



Identify the risks that threaten the achievement of the control objectives.



Design, implement and maintain controls to provide reasonable assurance that the control objectives will be achieved



Provide a written assertion to accompany the description as to the completeness and accuracy

### ISAE 3402 – Your Outsourcing Solution



Information Technology



Finance and accounting



Customer care & Custody



Payment and administration



Fund administration & Transfer agency



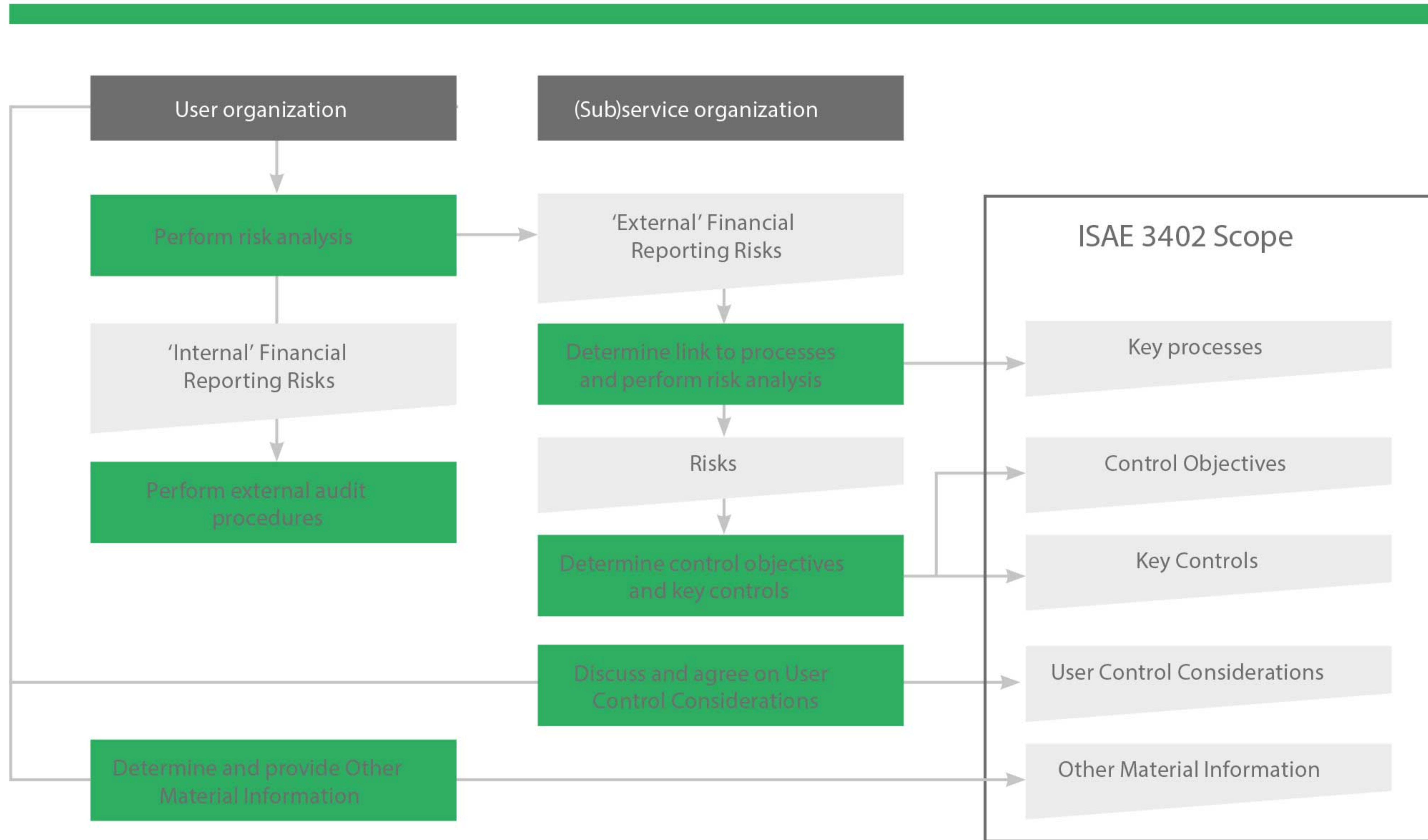
Human resource and benefits management

Learn More

<https://www.xcellhost.cloud/isae3402>



## How XcellHost helps



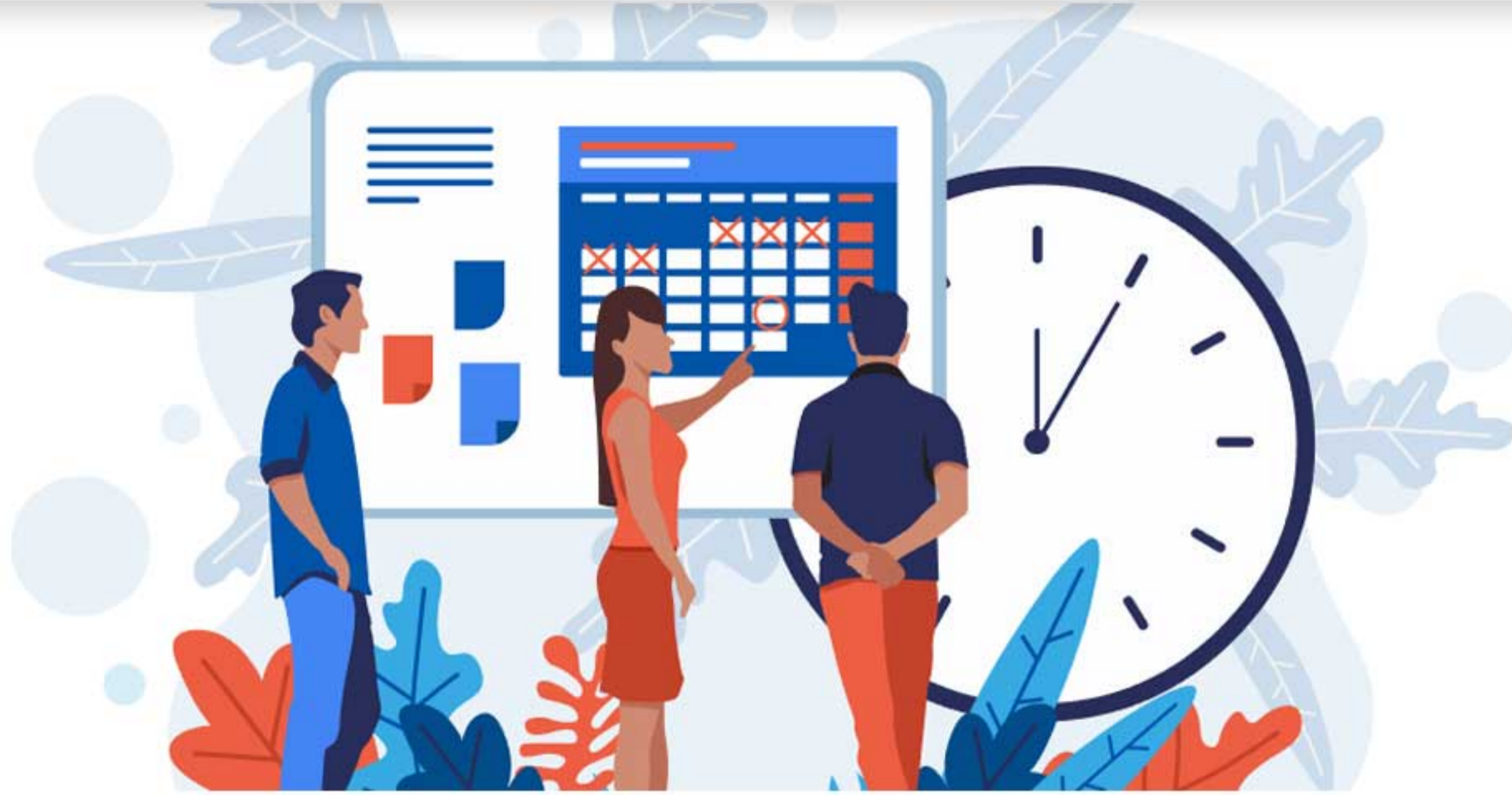
The scoping process.



# Microsoft SSPA Attestation

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## Elevate your relationship with Microsoft through the SSPA Attestation

RSM provides an SSPA DPR assessment that offers a scalable and efficient approach for your company.

### SSPA Attestation attributes



Data class = Highly Confidential



Microsoft Procurement managed supplier



Automated data subject rights obligation



Cloud service (e.g., software as a service or "SaaS")



Website hosting services



Use of subcontractors to Process Microsoft Personal/Confidential Data

### SSPA programmes to help you



Assess your organisational controls



Complete a DPR gap analysis



Deliver an audit report against the relevant core Sections



Provide advice on remedial actions



Complete your letter of attestation

Learn More

<https://www.xcellhost.cloud/sspa>



## Our SSPA DPR assessment approach includes



Evaluation of SSPA DPR applicability



Policy and procedures reviews and updates

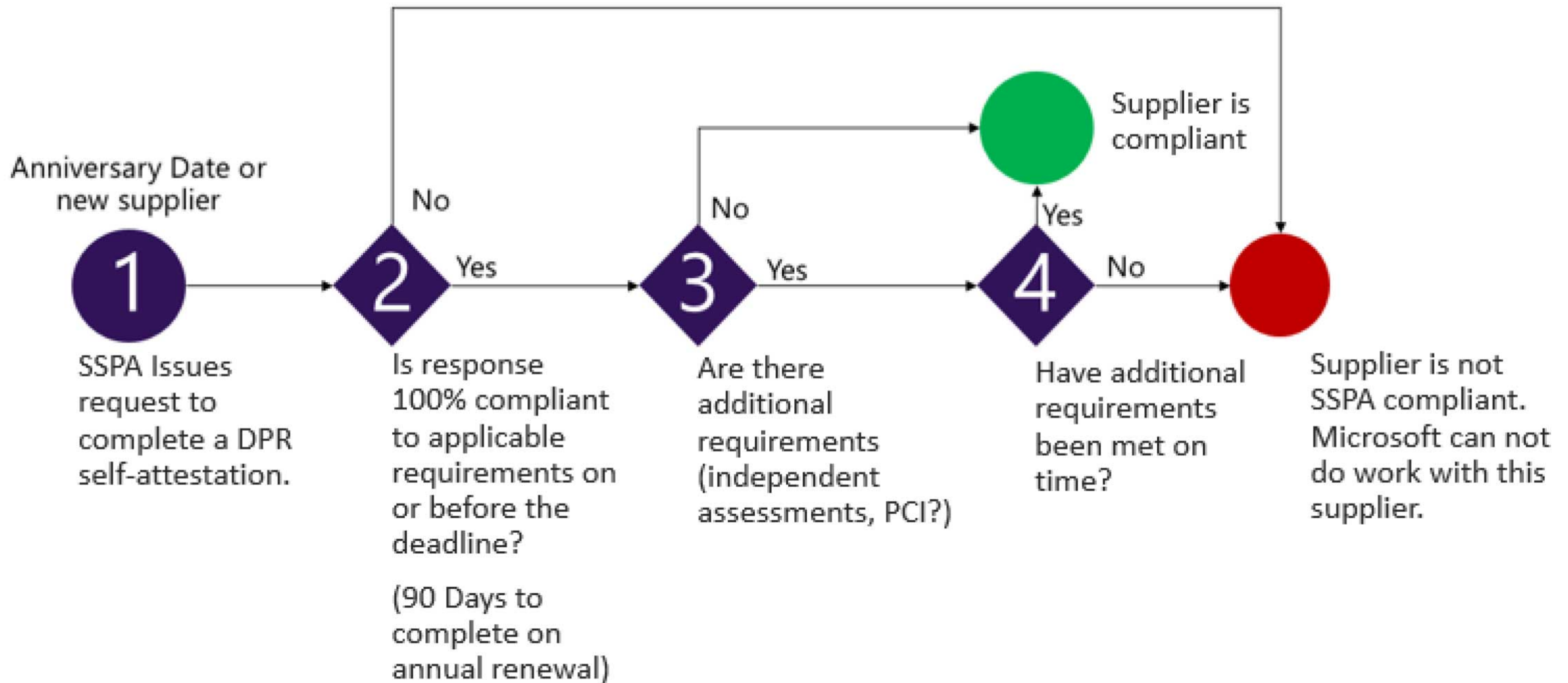


Data classification reviews



A letter asserting whether or not your organization is compliant, to be shared with Microsoft

## SSPA Annual Process Steps Diagram





# SOC for Cybersecurity Assessment

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## Elevate your client's confidence with a SOC for Cybersecurity report

Demonstrating effective processes & controls are in place to detect, respond to, mitigate & recover from breaches & other security events.

### SOC for Cybersecurity Assessment



Nature of the entity's Operations



Nature of the information at risk



The entity's cybersecurity risk management program objectives



Factors that have a significant effect on the entity's inherent cybersecurity risks



The entity's cybersecurity risk governance structure



The entity's cybersecurity risk assessment process



The entity's cybersecurity control processes



Monitoring of the cybersecurity risk management program



The entity's cybersecurity communications & quality of cybersecurity information



Nature of the entity's business

Learn More

<https://www.xcellhost.cloud/socassessment>

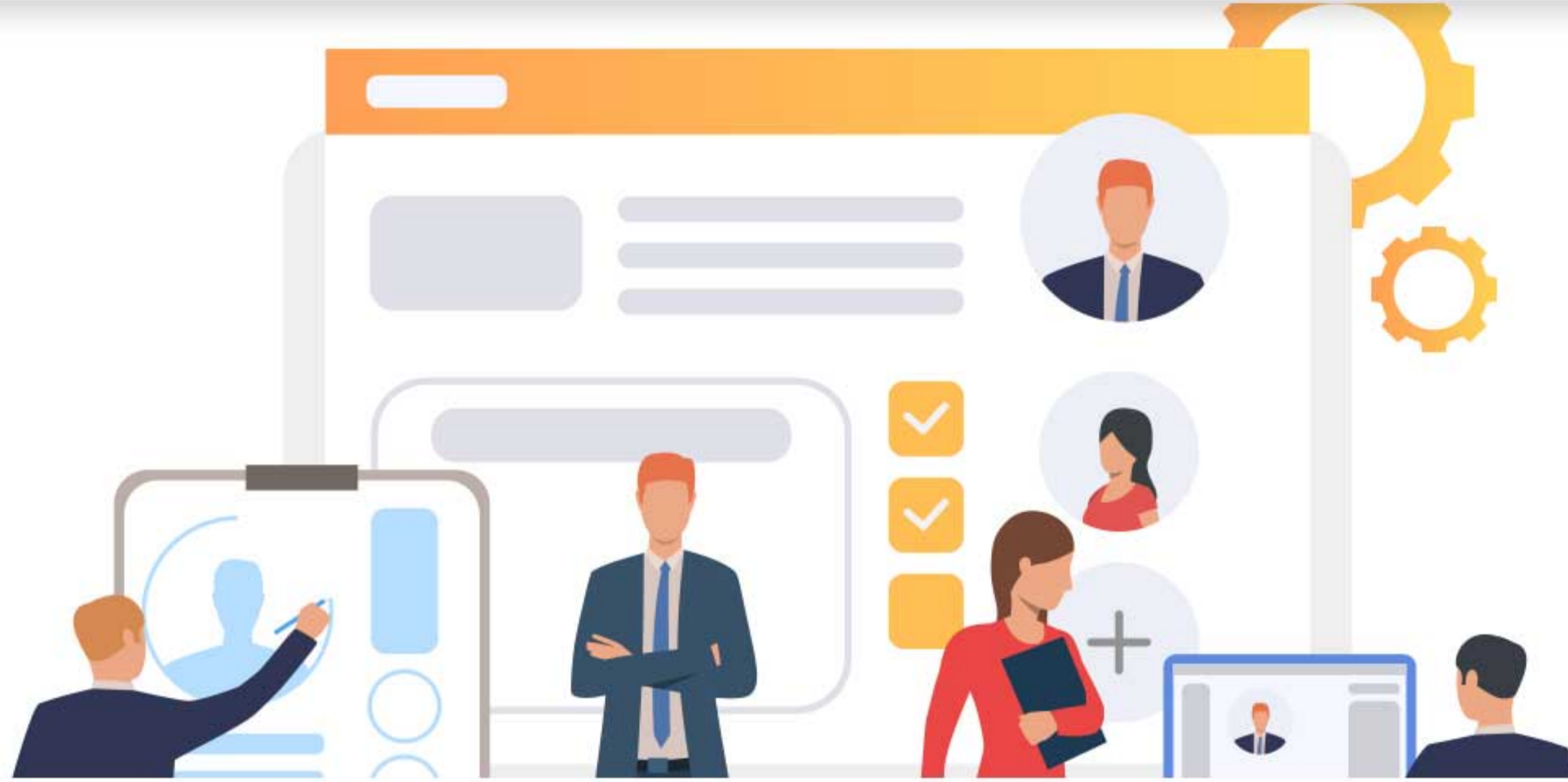




# Agreed Upon Procedures Assessment

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## Elevate your customer's confidence with Agreed -Upon Procedure Testing

An agreed-upon procedure assessment is an audit performed on a subject matter of the customer's choosing.

### XcellHost Key controls in domains of Risk Management



Information security policy



Organization of information security



Asset Management



Human Resources Security



Physical and environmental security



Access Control



Communications & operations management



Information security incident management



Business continuity Management



Information systems acquisition, development & maintenance



Compliance and Fourth party controls management



Management of privacy programs

Learn More

<https://www.xcellhost.cloud/aup>

## XcellHost services, including evaluations



Accounting-related internal controls



Policies and Procedures



Processes



Systems



Technology

## Scoping the Assessment



Understanding the service provider's environment

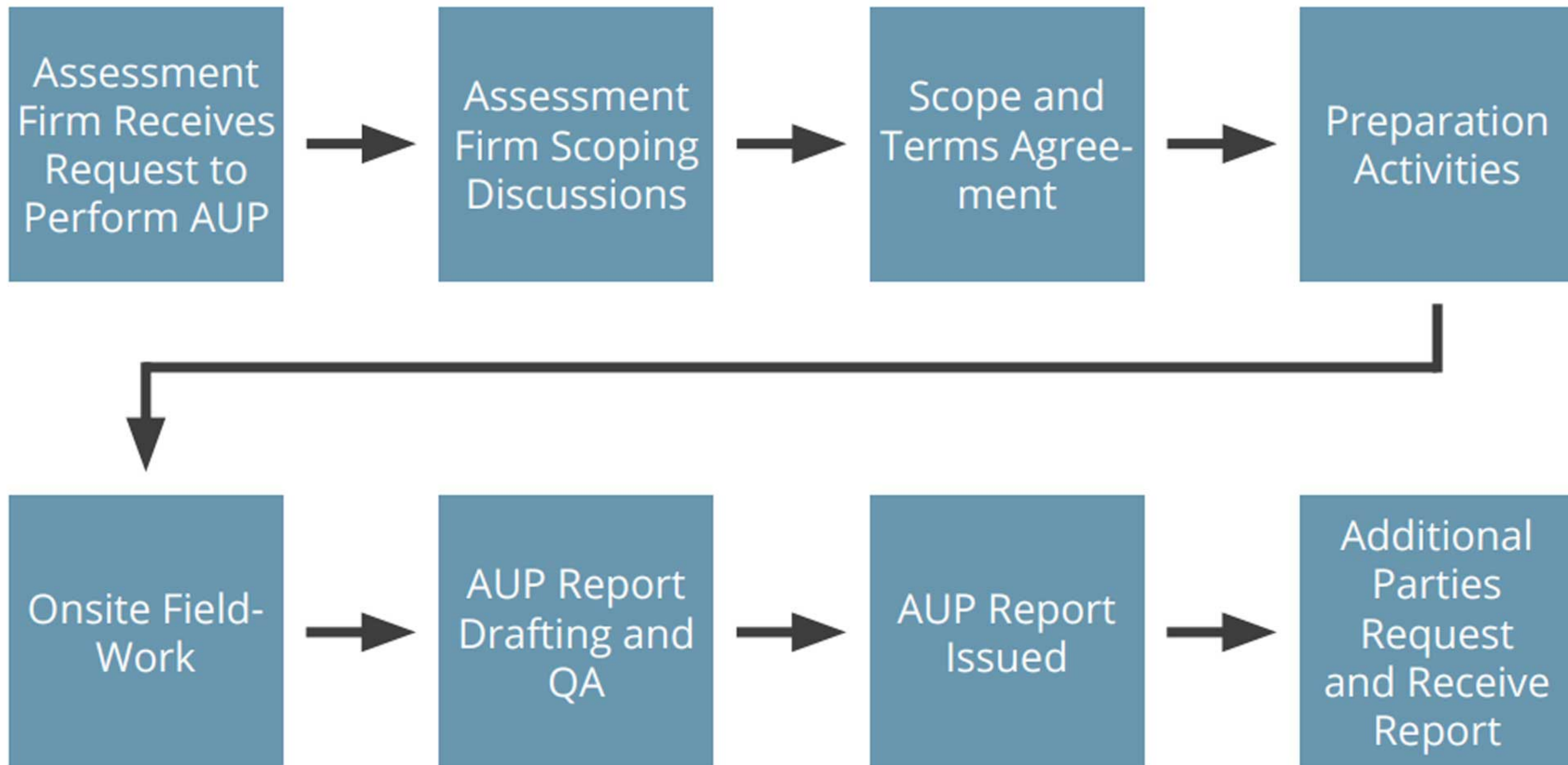


Identifying the documentation the service provider will need to submit



Determining the order in which the procedures will be executed

## Typical AUP engagements proceed





# Security Ratings

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## It all starts with a score. Get your personalized scorecard today

We then provide you with the tools and intelligence you need to improve the cyberhealth of your entire ecosystem.

### Why Choose XcellHost Security Rating



Provide a measurable range of risk



The only ratings solution with a third party verified correlation to breaches.



Data-driven rating of security performance



Non-intrusive SaaS platform



Continuous monitoring with 12 month history



Active Oversight AT SCALE

### Threat Indicators



Network Security



DNS Health & Patching Cadence



Endpoint Security & IP Reputation



Cubit Score



Web Application Security



Hacker Chatter & Leaked Credentials



Social Engineering

[Learn More / https://www.xcellhost.cloud/securityratings](https://www.xcellhost.cloud/securityratings)

## Key Capabilities



Remediation



Prioritization



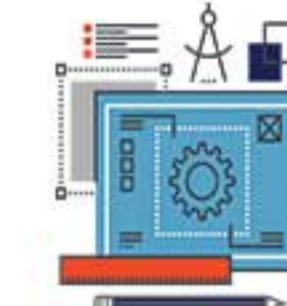
Benchmarking



Peer Analytics



Forecasting



Progress Tracking

## Benefits



Harness Data breach predictive capabilities



Broaden risk analysis beyond IT Infrastructure



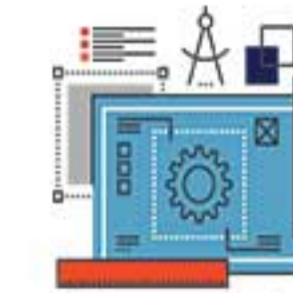
Improve your ability to meet regulatory requirements



Continuously monitor third-party security risk



Measure the impact of your security investments



Receive complete visibility into third & fourth party risk

## Dashboard

72  
SECURITY SCORE

EverFinance  
evergrocery.com | FINANCIAL SERVICES | 80 followers

Invite Company ?  
Download a Report v

Scorecard | History | Issues 21 | Compliance | Malware Events | Digital Footprint ->

### Score Breakdown Expand all Collapse all Show only detected issues

52	<b>NETWORK SECURITY</b> Detecting insecure network settings	15 findings		
74	<b>DNS HEALTH</b> Detecting DNS insecure configurations and vulnerabilities	7 findings		
75	<b>PATCHING CADENCE</b> Out of date company assets which may contain vulnerabilities or risks	2 findings		



# Assurance Exchange

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## The Key to Identifying & Mitigating Third-Party Risk

XcellHost brings efficiency, scalability & accuracy to third-party programs

**63%** of data breaches are linked to a third party

**17%** have confidence in third-party security program

### Features



Stay up to date on cyber security threats & trends



Be informed about potential data breaches



Leverage insights to safeguard your company from potential threats



Set up secure, private discussion groups



Connect with cybersecurity experts & government officials



Review reports, trends and documents in one easy-to-navigate platform

### Key Benefits



Reduce Risk while Reducing Cost



Make Rapid, Informed Risk-Based Decisions



Assess Once, Share with Many



Say Goodbye to Shared Spreadsheets



Streamline and Simplify your Third-Party Program



Implement a Scalable & Cost-Effective Solution

Learn More / <https://www.xcellhost.cloud/assuranceexchange>

XcellHost Solutions

Enterprises

- Evolve your team from data collectors to risk managers
- Identify the third parties that pose you the greatest risk
- Create a prioritized risk-based mitigation strategy
- Continuously monitor your ecosystem
- Cost-effectively scale your program
- Benefit from crowd sourced mitigation efforts

Third Parties

- Never complete another shared spreadsheet again
- Identify and understand the remediation with the most yield
- Share a single assessment with multiple upstream partners
- Spend more time on proactive risk management
- Drive business growth with proactive security engagement

Approach

Always know which third parties pose the most risk to your enterprise. Spot data risk sooner, respond to threats from third parties faster.



Enterprise

The XcellHost Modern Approach

- Cost-Effective
- Always Up To Date
- Full Coverage
- Total Visibility
- Efficient
- Scalable



Third Parties





• INDIA      • DUBAI      • SINGAPORE

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MAHARASHTRA, INDIA