ISF ALIGNED TOOLS SUITE

ASSESS. COMPLY. ASSURE.
Securing your organisation and your suppliers
8 Cyber Challenges in an Uncertain World

Cybercrime flourishes in an economic downturn, and as more organisations adopt digitalisation and move operations online, their need to protect data and critical assets increases.

We live in an uncertain world where budgets and resources are tight, yet the need to manage information risk and establish resilience has never been more important. *ISF Aligned Tools Suite 2020* has been designed to help you be agile and confident when making decisions on meeting the challenges of this new world.

Building on over 30 years of information security knowledge and collaboration, supporting Members with their assessment, compliance and assurance needs, *ISF Aligned Tools Suite 2020* helps you answer questions such as:

- How do you prioritise when resources are under pressure?
- How do you determine a manageable level of information risk?
- How do you assure your supply chain?
- How do you manage compliance across multiple standards?

Available exclusively to ISF Members – *ISF Aligned Tools Suite 2020* helps organisations to save time, prioritise investment and make smarter decisions.
ISF ALIGNED TOOLS SUITE 2020
ASSESS. COMPLY. ASSURE.

The ISF Aligned Tools Suite 2020 brings together 14 ISF tools and cross reference aids, including a rebuilt Benchmark platform and the new IRAM2 WebApp. Aligned to the latest version of the Standard of Good Practice for Information Security 2020 (SOGP 2020), the suite – which also includes Security Healthcheck, Supply Chain accelerator tools and SOGP 2020 cross-references – helps Members to demonstrate compliance with international standards and assure security across their external suppliers.

SOGP 2020 is the leading authority on information security. It provides policies, procedures and a framework to support Members in implementing an ISMS and a cyber resilience programme. The SOGP 2020 is designed to help meet the compliance requirements of other common information security-related standards and frameworks, and provides Members with cross reference aids for ISO/IEC 27002:2013, NIST Cybersecurity Framework, CIS Top 20, PCI DSS and COBIT 5 for Information Security.

Benchmark is a strategic online tool for reviewing and improving security arrangements. It enables Members to assess their security status at varying review levels to support all compliance and assurance activities. Members are able to compare themselves against other parts of their own organisation as well as their choice of peer groups and perform comparisons with various geographic regions and industry sectors - providing objective real-world data to steer investment decisions. The Benchmark can also be used to gain assurance on suppliers’ performances against multiple international security standards and frameworks.

Security Healthcheck is a quick, easy to use, excel-based assessment tool that allows Members to measure the security status of individual environments within their organisations (e.g. business units or critical applications). The Security Healthcheck can also be used to measure the security status of an external service provider. A Summary Tool version is provided to consolidate and compare results from multiple control assessments. For greater benefit the Security Healthcheck results can be imported into the Benchmark providing Members with additional functionality such as peer analysis and comparison against international security frameworks. In addition, assessment results can be used in the IRAM2 and Supply Chain SSE activities helping to save time and resource.
IRAM2 WebApp is an online tool for performing information risk assessments using the ISF Information Risk Assessment Methodology 2 (IRAM2) methodology across an organisation. The methodology describes how organisations can identify, assess and treat information risk by implementing a six-phase process consisting of Scoping, Business Impact Assessment, Threat Profiling, Vulnerability Assessment, Risk Evaluation and Risk Treatment.

The introduction of dynamic updating, increased risk treatment assistance and centralisation of assessment results featured in the IRAM2 WebApp help Members to focus on the most important risks across the business.

IRAM2 applies a simple, practical, yet rigorous approach to risk assessments and enables Members to speak a common language with various key stakeholders.

The easy-to-use spreadsheet-based Supplier Security Evaluation (SSE) Tool and Summary Tool (SSE ST) helps Members to assess and track the performance within their existing supplier relationships and develop a consolidated view of information risk profiles across multiple suppliers, including contractual and exit arrangements. The Supply Chain Assurance (SCA) Tool is designed to help Members insert the appropriate security controls and requirements into the procurement process for new (i.e. potential) suppliers, providing assurance mechanisms from the outset of the relationship.

To support Member certification and compliance requirements the SOGP, along with the Benchmark provide complete coverage of the topics set out in ISO/IEC 27002:2013, NIST Cybersecurity Framework, CIS Top 20, PCI DSS and COBIT 5 for Information Security. Using the SOGP as the basis for policy coupled with the Benchmark for ongoing assessment helps Members to minimise efforts and investments when looking to comply with any or all of these international industry standards and frameworks.
8 CYBER CHALLENGES IN AN UNCERTAIN WORLD
AND HOW THE ISF ALIGNED TOOLS SUITE EQUIPS YOU TO RESPOND

1. Organisations are facing hard choices about how to prioritise funds available

Corporate budgets are under strain in a way not seen in recent times, and cyber security is no exception. The IRAM2 WebApp plays a crucial part in helping you target spend, as it enables you to prioritise risks across your information systems and identify the most effective controls for mitigating those risks. It equips you with the facts you need to present the business case for investment to top management.

2. Management is placing renewed focus on business resilience

The SOGP 2020 – which underpins the ISF Aligned Tools Suite – includes detailed guidance aimed specifically at helping organisations stay cyber-resilient. From crisis management to business continuity, good practice is presented in an accessible format that enables you to identify improvements fast – while also providing a great basis for policy development or improvement. If you need to diagnose how your cyber resilience rates right now, the Benchmark has three levels of questionnaire (the Security Radar, Security Healthcheck and Security Benchmark) to help you get the information you need quickly.
**3 Compliance has always been obligatory, but a risk-based approach is essential**

Organisations can’t afford to drop the ball when it comes to compliance. The Benchmark provides you with the tools you need to demonstrate your level of compliance – and identify gaps that need to be addressed – irrespective of which standard or framework you’ve chosen to align with.* But given the current global environment, neither can organisations afford to neglect underlying cyber risk, which a purely compliance-based approach might not pick up. The IRAM2 Web App enables your organisation to apply a risk lens to its compliance efforts by identifying and addressing cyber risk in a systematic and consistent manner.

* ISO 27002, NIST CSF, CObIT 5, PCI/DSS, CIS cross-references to the SOGP 2020 are all available.

**4 Remote working is here to stay. Cyber criminals know that too**

As businesses shift working practices to more flexible models, cyber criminals are targeting remote working technologies and playing on people’s insecurity as they adapt to home working. The SOGP 2020 provides the good practices needed to identify and mitigate cyber risk in remote environments, but also addresses the human dimension. As the status of security arrangements in your remote working environments should be monitored on a regular basis, the Security Healthcheck and Benchmark provide the ideal tools to deliver flexible ongoing assessment.
Supply chains are operating in flexible new ways, with little short-term consideration of the risks

Protecting critical information in your supply chain and third party relationships is a challenge at the best of times. This is likely to become exacerbated as partner organisations attempt to collaborate online in increasingly innovative ways, and decisions about new and redundant supplier relationships are made fast. The Supply Chain accelerator tools provide everything you need for managing supplier risk in a way that uses your resources as efficiently as possible. It supports procurement teams by offering a framework for managing supplier risk (SCA), whilst also enabling specific suppliers to be assessed and managed in line with their level of criticality to the business (SSE).

Businesses are being forced to achieve more in-house as external support budgets are slashed

It’s a hard reality that in-house security teams are being required to achieve more themselves, with less recourse to additional (often external) resources. The ISF Aligned Tools Suite provides the complete toolkit you need to implement and monitor a world class, risk-based, cyber security improvement programme in-house - and the ISF is here to support you along the way. As an example, a combination of the SOGP 2020, IRAM2 WebApp and Benchmark will support your organisation in enhancing its cyber security strategy, developing best practice policies and guidelines, identifying information risk in critical systems and then monitoring progress over time.
Organisations are faced with the need to identify and focus on core, critical systems and capabilities

In the current global climate, many organisations are focussing on their core capabilities and services, which are often supported by a small number of mission-critical systems and processes. This is sometimes easier said than done, especially in organisations where systems have not been previously mapped or categorised in terms of their contribution to business success or relative level of risk. The IRAM2 WebApp enables your organisation’s systems to be identified in terms of their criticality to the business, and then protected in line with that criticality.

Boards are demanding innovation at lightning speed, and cyber security has to catch up

Innovation is likely to accelerate in the coming years as businesses jostle to be a step ahead of their competitors. But as demonstrated in the past, experience has shown that fast speed to market is all too often accompanied by cyber security weaknesses. The SOGP 2020 sets out core disciplines that should never be compromised when introducing new systems and products. IRAM2 enables cyber security focus to be applied where it’s needed most in terms of potential business exposure. In addition, the Benchmark enables the effectiveness of individual cyber security controls to be monitored as new systems or services are introduced.
TAKING ACTION

During these challenging times, ISF is focused on helping Members to meet business needs, manage risk effectively and provide assurance of the highest levels of protection across their enterprise.

The ISF Aligned Tools Suite 2020 presents Members with a way to support their assessment, compliance and assurance needs. The tools help Members demonstrate compliance to international standards and assure security across their external suppliers.

ISF Aligned Tools Suite 2020 can be used individually, or together as a suite, to complement an organisation’s existing approach. The tools offer Members a pragmatic approach to addressing a wide range of challenges – whether they be strategic, compliance-driven or process approaches.

ADDITIONAL RESOURCES

ISF Aligned Tools Suite 2020 is supported by a series of webinars where you can learn how to maximise the value of your ISF Membership and gain support with your assessment, compliance and assurance needs.

To view the full range of support resources available to Members please visit:
https://www.isflive.org/s/isf-aligned-tools-suite

CONSULTANCY SERVICES

The ISF provides Members with consultancy services to assist in the implementation of the ISF Aligned Tools Suite 2020.

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ABOUT THE ISF

Founded in 1989, the ISF is an independent, not-for-profit association of leading organisations from around the world. The organisation is dedicated to investigating, clarifying and resolving key issues in cyber, information security and risk management and developing best practice methodologies, processes and solutions that meet the business needs of its Members.

ISF Members benefit from harnessing and sharing in-depth knowledge and practical experience drawn from within their organisations and developed through an extensive research and work programme. The ISF provides a confidential forum and framework, which ensures that Members adopt leading-edge information security strategies and solutions.

By working together, ISF Members avoid the major expenditure required to reach the same goals on their own.

Consultancy services are available to support the implementation of ISF Products.

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