TEKGEM

LOOP

MANAGING
CYBER SECURITY
RISK

WHAT IS TEKGEM LOOP?

It's a flexible service providing annual cyber support services to you and your organisation. It offers a way to stay up to date with changes to regulations, and to continually review your OT cyber posture while maintaining ongoing compliance.

By continually reviewing your cyber status you can demonstrate you are doing everything you can to manage your cyber security risk, ensuring risk reduction is as low as reasonably praticable (ALARP).

As your environment evolves having Tekgem Loop will allow you to continue adapting your governance in line with regulation and prevent security gaps from being established.

As we work with you we will continue to educate and share relevant industry best practices, improving and closing local knowledge gaps.

WHAT ARE THE OPTIONS?

STANDARD			COMPREHENSIVE	
LOOP 1	LOOP 2	LOOP 3	LOOP 4	LOOP 5
Annual reviews for Health Check | CSMS | Risk Assessment	Annual reviews for Health Check | CSMS | Risk Assessment + 5 maintenance days	Annual reviews for Health Check | CSMS | Risk Assessment + 10 maintenance days + Agreed SLA	Annual reviews for Health Check | CSMS | Risk Assessment Retained resource agreement Dedicated monthly resource Managed local OT cyber security	Annual reviews for Health Check | CSMS | Risk Assessment Dedicated on-site resource Full-time Tekgem Engineer Managed local OT Environment Cyber Security & Infrastructure

Loop 1 is the first option and offers an annual review of your existing health check assessment, cyber security management system (CSMS) and a review and update of your risk assessment.

Loop 2 includes the annual reviews above and adds five days of engineering and maintenance resource that can be utilised as you require throughout the year.

Loop 3 adds additional maintenance days and also includes an SLA to the agreement whereby our response to maintenance requests is timebound.

Loop 4 falls into the comprehensive offerings. Tekgem will provide a dedicated engineer for a set number of days per month to manage your OT cyber security, this includes carrying out annual reviews of your health check, CSMS and risk assessments.

Loop 5 provides a full time Tekgem engineer into your organisation to manage your OT environments cyber security and infrastructure. They will assist and lead if required any OT related infrastructure projects ensuring cyber security is core to its delivery.

LOOP 1

An annual review of your existing health check assessment, CSMS and an update to your risk assessment.

HEALTH CHECK

Your first health check laid the foundations for managing security risks efficiently and effectively but now it's time to review and update it in line with changes to your environment, organisation and regulations.

Once concluded we will again publish a detailed report on our findings. This will include feedback on the effectiveness of your current environment, what works well and what could be done better, and what you're not doing that you should.

Recommendations for improvement will be published along with the familiar priority fix ratings. The report will also provide an overview comparing the previous report results with the new findings so you can clearly demonstrate the progress you have made.

CSMS

We will sit down with your team to review the CSMS and ensure it continues to align with your organisation, ensuring any changes to regulations are incorporated.

As an output from the review we will deliver an updated and agreed CSMS. If any new policies are required, we will create these during the annual review.

RISK ASSESSMENT

We will carry out a review of your existing risk assessment and update any elements where changes to the IEC62443 standard, HSE COMAH, and NIS regulations may have occurred.

We will work with you to classify any new assets and identify potential vulnerabilities and associated threats, updating security zones and countermeasures where required.

As an output from the review, we will issue an updated and approved risk assessment report with all changes highlighted.

In addition, we will update any simple network diagrams and topologies to ensure they reflect the current environment.

LOOP 2

An annual review of your existing health check assessment, CSMS and an update to your risk assessment as described in Loop 1.

We then add five maintenance days that can be utilised throughout the year by you as and when you need them. This covers you for any cyber security work that requires the additional expertise of Tekgem.

Days must be planned and booked in advance. If the days are unplanned or very short notice, we may need to offer an alternative.

LOOP 3

An annual review of your existing health check assessment, CSMS and an update to your risk assessment as described in Loop 1 plus ten maintenance days as described in Loop 2.

We will then agree a service level (SLA) for the maintenance days. This means we will guarantee a response to requests within the SLA window even if the days are unplanned or very short notice.

LOOP 4

Loop 4 falls into the comprehensive category. Tekgem will provide a dedicated engineer for remote or physical site visits for an agreed number of days per month to manage your OT cyber security.

Our engineer will provide you with additional specialist resource needed to maintain cyber security defences in your OT environment.

They can lead or support any cyber security projects and routine maintenance activities that are required to manage your cyber security risks.

They will also work towards ensuring you are fully compliant with your cyber security management system policies.

All work is planned and always includes formally documented change plans to align with your Management of change (MoC) processes.

The type of engineer visit that takes place will largely depend on the type of work that needs to be carried out and whether or not there is capability for secure remote access into your environment.

Loop 4 also includes an annual CSMS review, health check & risk assessment update.

Please note however these activities will likely be carried out by a different engineer to ensure a level of independent analysis.

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LOOP 5

Loop 5 provides you with Tekgem engineering resource on a full-time basis, dedicated to your organisation. Our engineers are able to work remotely or be site-based at your preferred location depending on the work being carried out.

Our engineers will provide you with additional specialist resource needed to maintain cyber security defences within your OT environment.

They can lead or support any cyber security projects and routine maintenance activities that are required to manage your cyber security risks.

They will also work towards ensuring you are fully compliant with your cyber security management system policies.

In order to ensure continuity of service our engineers share their knowledge of your OT environment with the wider Tekgem engineering team to ensure we always have engineering resource who understand and know your people, processes and technologies. This allows for holiday cover or sickness if required.

Loop 5 also includes an annual CSMS review, health check & risk assessment update.

Please note however these activities will likely be carried out by a different engineer to ensure a level of independent analysis.

ISO 9001   ISO 14001   ISO 27001   ISO 45001

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www.tekgem.co.uk

NORTH EAST BUSINESS AWARDS WINNER 2020

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TEKGEM
BRIDGING THE GAP BETWEEN IT & OT