

# Cyber Checkup

Cyber risk assessment  
for informed  
decision-making.

[abacusgroup.io](https://abacusgroup.io)



## Solution Brief

# Cyber Checkup

**Cyber Checkup** is a structured cybersecurity posture assessment service designed to provide management with a clear, objective, and documented view of the organization's cyber risk exposure.

Through an integrated analysis of infrastructure, governance, and regulatory compliance, **Cyber Checkup** transforms cyber risk into clear operational priorities and a concrete improvement roadmap.

## The Challenge

Many organizations lack a complete view of their cybersecurity posture.

### Typical situations include:

- Limited visibility across IT assets
- Difficulty interpreting regulatory requirements (NIS2, DORA, ISO 27001)
- Lack of continuous vulnerability monitoring
- Exposure to supply chain risks

This lack of visibility makes it difficult to demonstrate security posture to partners, boards, and regulatory authorities.

## The Solution

**Cyber Checkup** provides an objective and structured assessment of enterprise IT infrastructures and security processes.

The service combines technical analysis, documentation review, and organizational interviews to identify vulnerabilities, risks, and compliance gaps.

The result is a prioritized remediation roadmap enabling organizations to strengthen cyber resilience and demonstrate regulatory compliance.

## Assessed Environments

- IT architecture and infrastructure
- Governance and compliance (NIS2, DORA, ISO 27001)
- Vulnerability and patch management
- Supply chain security
- Monitoring and incident response
- Business continuity and disaster recovery

## Deliverables

- Executive summary for the Board
- Technical and regulatory compliance mapping
- Remediation roadmap
- Documentation for audits and assessments

## Business Impact

- Greater visibility into cyber risk
- Reduction of critical vulnerabilities
- Improved security governance
- Strategic support for management



## Case Study

# Cyber Risk Assessment for Manufacturing

A mid-sized automotive company needed to comply with new security requirements introduced by the NIS2 Directive and the Machinery Regulation.

The organization operated distributed IT and OT infrastructures across manufacturing facilities and offices, with limited visibility into cyber risks and supply chain security.

## The Challenge

- Compliance with EU security regulations
- Limited visibility into OT systems
- Lack of structured supplier assessment processes

Management required concrete evidence to present to the Board and industrial partners.

## The Solution

**Abacus** implemented **Cyber Checkup** integrated with attack surface analysis and supply chain assessment tools.

### The engagement included:

- Portal architecture design
- Web platform development
- CRM integration
- Private area creation and content management



## Results

# -40%

### Reduction of critical vulnerabilities

- Audit-ready compliance roadmap
- Greater visibility into supply chain risks

## Industry

Manufacturing –  
Automotive Supply Chain



## Architecture

# Architecture Overview

**Cyber Checkup** uses a structured framework combining technical analysis, governance, and regulatory compliance assessment.

## Core Layers

**Asset & Infrastructure Layer**  
**Mapping of IT assets**  
and critical infrastructures.

**Security Operations Layer**  
**Assessment of monitoring, detection,**  
and incident response capabilities.

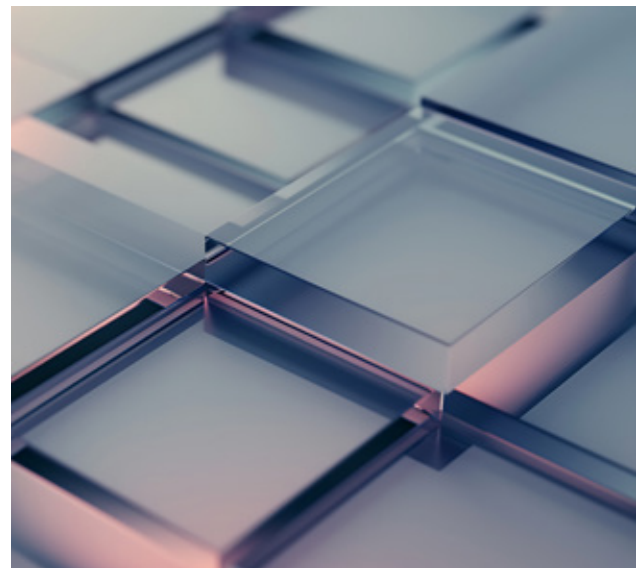
**Vulnerability Management Layer**  
**Evaluation of vulnerability scanning,**  
patch management, and remediation  
processes.

**Governance & Compliance Layer**  
**Review of security policies, cyber governance,**  
and regulatory compliance.

**Supply Chain Security Layer**  
**Assessment of supplier and technology**  
**partner security posture.**

## Core Components

- Asset Discovery
- Vulnerability Scanning
- Policy Review
- Compliance Mapping
- Risk Prioritization



## Security & Confidentiality

All activities are conducted under confidentiality agreements (NDAs), with restricted access controls and encrypted protection of analyzed data.

## Output

The framework produces a structured improvement plan enabling organizations to strengthen cyber resilience and demonstrate regulatory compliance.

# One Abacus. Many Minds. One Vision.

**Request a Cyber Checkup**  
and obtain an independent  
assessment of your organization's  
security posture.



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