# ALPHA
## THINK QUALITY

# CYBERSECURITY
## AS AN INTERNATIONAL MARKET ACCESS REQUIREMENT

Compliance with cybersecurity standards and norms is becoming mandatory for a majority of products in the EU, but is also a critical factor for the successful implementation of projects worldwide and export abroad. Security vulnerabilities in hardware chips and Internet routers, as well as increased reports of cyberattacks on laboratories, corporate databases and individual factories, repeatedly illustrate the point: In times of advancing digitalization, the question of securing digital systems, data centers and cloud services is increasingly coming into focus.

The advancement of Industry 4.0 concepts also contain risks: Since networked machines produce a large amount of data and these are to be sent across the world, they must logically also be adequately protected. Every network has its weak points, and these must be identified and reduced.

In this context, the automotive industry with its electronics and software as well as industrial production (mechanical engineering) and plant engineering including the critical infrastructure involved with its automation, process control and management systems (ICS) are the focus of cybercrime.

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## ALPHA HOLISTIC APPROACH
### FOR YOUR IT SECURITY

ALPHA identifies your weak points in the IT area and develops a holistic concept to improve your cyber security, which not only affects your machinery and equipment and their associated processes, but also the human factor.

Our experts will also help you to find out and implement the relevant norms and standards in Europe, the EAWU and Asia. Especially in international business this factor will be decisive for success and failure.

**For this we proceed in 4 steps:**

ASSESSING
- Identify potential security risks from an organizational and technical point of view

MONITORING
- Effectively monitor the industrial environment, assets and connections

SECURING
- Mitigate identified security risks related to people, processes and technology

ADOPTION
- Reduce future potential risks with adoption of the identified results to the further process in the company