



Executive Summary

The **Greenbone Cyber Resilience Report** was commissioned by Greenbone Networks GmbH and conducted by the renowned market researchers **Frost & Sullivan** in Spring/Summer 2019. The survey covered 370 organizations in the CRITIS sectors: energy, finance, healthcare, telecommunications, transport and water supply.

The studies were conducted in five of the world's largest economies which account for 41.2 % of the world's gross domestic product (GDP) (USA, UK, France, Japan and Germany). 52 % of the respondents had management positions. The average number of employees was 13,500 and the average revenue was USD 1.84 billion with an average IT budget of USD 110 million.

The examined key areas were:

- Abilities to cope with a cyber attack
- Capabilities to mitigate the potentially serious effects of cyber attacks
- Corporate culture and practices related to cyber resilience
- Perceived advantage in terms of cyber resilience in comparison to other companies within the sector

Our result leads to a critical conclusion: **only every third company** can be classified as a company with high cyber resilience. Financial and telecommunication companies are more cyber resilient, while companies in the transportation sector are the least resilient.

We also asked the participants about their existing processes. This enabled us to identify those „best practices“ that actually help to improve the cyber resilience of a company:

- Vulnerabilities can be systematically found, tested and reported.
- All affected organizational levels can be mobilized quickly to close gaps and recover fast from attacks.
- In the event of cyber attacks, new processes can be quickly implemented or existing ones can be quickly revised.
- Business processes and cyber security architecture are coordinated.

Even though the effects of cyber attacks are increasingly affecting business processes as digitalization continues to advance: cyber resilience is still seen as an essentially technological challenge by the interviewed companies.

About Greenbone Networks

Greenbone Networks was founded in 2008 and is a leading global provider of Resilience and Vulnerability Management solutions. The Greenbone Security Manager in its various forms – including the Greenbone Vulnerability Manager (formerly OpenVAS) – is used in more than 30,000 installations and integrations in a variety of industries and company sizes. It has been downloaded more than 2.5 million times.