The Next-Generation Firewall and SIEM (Security Information and Event Management ) were the chosen technologies in the initial discussion post regarding security technologies and the context they could be employed in.

In the first part, SIEM's functions were mentioned: the data collection, analysis, correlation amongst the organization's systems, and the prevention of incidents by monitoring for deviations. Moreover, the implementation of Artificial Intelligence in SIEM systems was a point that supported the argument about the efficiency and the workload decrease in security teams. SIEM has improved over time, and many industries have this tool as a prerequisite nowadays. Although this may be true, it seems that cyber crooks have found ways to circumvent it (Navaratnasingam, 2021).

As Charlotte pointed out (Wilson, 2021), despite the fundamental contribution a SIEM system adds to an organization, there are limitations regarding the events it can handle. Therefore, it should not be considered as a standalone solution. A SOAR (Security Orchestration Automation and Response) system was an example of enriching SIEM's potential by adding automation in repetitive tasks and evolving the data analysis (Basey, 2021).

Next-Generation Firewall, the evolution of the already known firewall types, has the previous versions' capabilities yet enhanced with additional anti-malware services. Packet inspection up to the application layer and rule-setting for individual groups or users make this tool a more sophisticated solution, despite the demanding rule-setting and maintenance.

Regarding the shortcomings of the NGFW, the network's throughput decrease was a commonly agreed point with Panagiotis (Tolis, 2021). A significant comment by Panagiotis was that the variety of the vendors' products and the different service levels are vital issues companies have to deal with before the initial purchase.

Given the discussion's points, the technologies mentioned are widely-accepted and vital in cyber security. They have been adopted by many organizations nowadays, even though they are cost demanding in terms of human resources and technological investment. Hence it is not feasible for every organization to adopt their additional security value.

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