Supply chain (SC) cybersecurity are more crucial as corporations integrate suppliers into their systems and SC.

About 40% of data security breaches arise from attacks on suppliers (Melnyk, 2022). Despite this, vendor oversight in cybersecurity is one area that lacks in-depth investigation.

There is a lack of cyber capability development between supplier assessment and subsequent collaboration.

The supplier development process intends to provide a guideline for procurement, cybersecurity, and risk management professionals to assess and develop software, hardware, and service suppliers on an ad-hoc and regular basis. The framework serves to augment business processes with the best practices in SC management.

Defines persona using this process as a larger purchasing organization (client) working with its SME suppliers.

Process runs independently of other processes, focusing on supplier development in cybersecurity capabilities.

The framework assumes the client, because of sourcing needs, is considering and qualifying suppliers for an approved vendors list (AVL) consisting of both larger and smaller suppliers.