

7. Cyber Resilience Goal: EVOLVE



Figure 8: Overview of Evolve goal

7.1. EV.ST: Strategies

i. EV.ST: Objective

A major component of cyber resilience is the ability to adapt and improve the security posture to stay ahead of threats.

ii. EV.ST: Standard

1. REs shall formulate strategies to anticipate new attack vectors by removing or applying new controls to compensate for identified vulnerabilities or weaknesses, reducing or manipulating attack surfaces, and proactively orienting controls, practices, and capabilities to prospective, emerging, or potential threats.
2. REs shall demonstrate heterogeneity to minimize common mode failures, particularly threat events exploiting common vulnerabilities.
3. REs shall confirm post-incident modification of business functions and supporting processes to handle adversity and address environmental changes more effectively. In case of a cybersecurity incident, learning shall be incorporated to improve and evolve their cyber resilience posture.
4. MIIIs and Qualified REs shall continuously adapt and evolve to counter new cybersecurity threats and challenges.
5. Mid-size and Small-size REs shall periodically evaluate their cyber resilience posture.