



## Harmonizing Man & Machine In Cyber Security

In-line with Silicon Comnet's culture & vision, our cyber security practitioners firmly believe that harmonizing man and machine is not just a strategy; it is a necessity. The evolving nature of cyber adversaries demands agile, precise and right first time approach that leverages the strengths of both humans and machines. Together, they can rapidly detect, respond, and mitigate threats, ultimately fortifying the digital frontier.

As technology continues to advance and threats become more sophisticated, the partnership between human expertise and machine intelligence will be the linchpin of effective cybersecurity in the years to come.

As per Stanford research conducted in March, 2023, more than 88% of Data breaches were caused by human errors. In fact, most of the high profile breaches way back, like Target & Electracard in 2013, Equifax in 2017, Ericsson & Marine Corps in 2018, AllIMS Data breach in 2022 and many more were predominantly caused because of human sluggishness, Alert fatigue, lack of actionable Data and un-monitored assets. In-fact all these could have been proactively identified and appropriately acted upon with coordinated human skill & machine intelligence.

Our Cyber Security Practitioner's adversarial mind-set has helped them evolve a synergistic approach in co-working with automated tools and effectively secure customer's assets. Silicon's COE lab is equipped with diverse defensive and offensive tools for the team to extensively evaluate and strengthen cyber readiness.

Silicon's team has mastered 6 core areas of collaboration with machine intelligence in safeguarding against sophisticated hackers.

- 1. Visibility & Orchestration across threat vectors**
- 2. Data Analysis & Threat Detection**
- 3. Threat Intelligence and Hunting**
- 4. Vulnerability Management & Penetration Testing**
- 5. Effective Red Teaming exercises**
- 6. Incident Response**

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