

Cyberspace Security Econometrics Systems Enhancements for Balancing (CSES-E)

Disclosure Number

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Technology Summary

The invention relates to a cyber-security system and more specifically to a tool to quantify improvements to counter vulnerabilities. The Cyberspace Security Econometrics System enhancements (CSES-E) provides a measure (i.e., a quantitative indication) of reliability, performance, and/or safety of a system that accounts for the criticality of each requirement as a function of one or more stakeholders' interests in that requirement. For a given stakeholder, CSES-E accounts for the variance that may exist among the stakes one attaches to meeting each requirement. The basis, objectives and capabilities for the CSES-E including inputs/outputs as well as the structural and mathematical underpinnings are contained in this novel embodiment of the enhancements to the original CSES.

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