

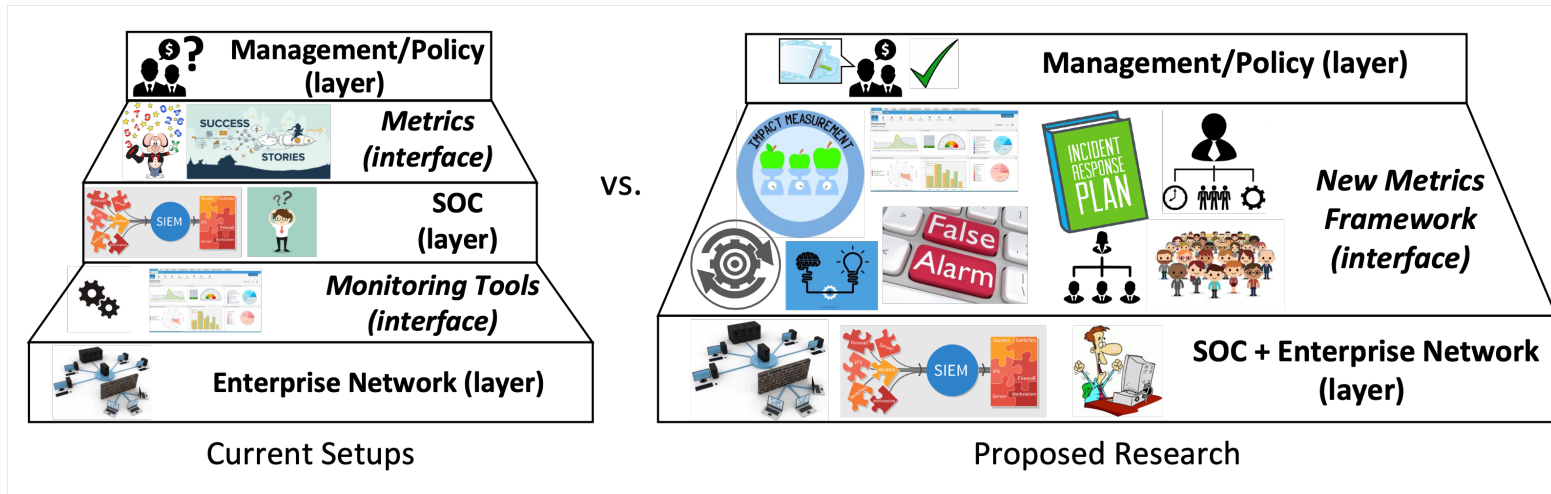
A Sociotechnical Metrics Framework for Network and Security Operation Centers

Challenge:

- Network and Security Operation Center (SOC) metrics do a poor job at linking these components together: especially the security posture of the network and the human operations of the SOC

Solution:

- We are developing a new metrics framework that will harmonize SOC performance against enterprise network security—by treating the SOC as an integrated part of the network itself



Scientific Impact:

- Ignite a major shift in the network (and thus internet) security landscape by changing the way networks are monitored: with tailored metrics for real-world environments

Broader Impact:

- Fundamentally alter SOC operations by incentivizing behavior that is aligned with the realities of that network