



# SECURITY FABRIC ALLIANCE

## Our Community Origin

The Security Fabric Alliance is an informal collection of companies, organizations and individuals that have through discussions designed conceptual reference architecture called the “security fabric”. We are a growing Community of Practice that was formed by people who engage in a process of collective learning in a shared domain of human endeavor focused on securing all critical infrastructures.

Our subject matter expert’s knowledge is intended to be shared in the form of a practice with practitioners to achieve a higher value of collective competency for all within our community. In short a shared practice that takes time and sustained interaction focused on continuous improvement of the Domain of Knowledge and the Practice in parallel with user groups that one must cultivate in such a community. Finally our core operating principles are the Laws of Simplicity; Lean Management; and Interoperability that will assure our success at achieving end to end security within the ecosystem of all critical infrastructures. *Request for SFA White Papers email: [charles\\_speicherjr@mcafee.com](mailto:charles_speicherjr@mcafee.com)*

## Our Foundation

The security fabric architecture is an approach for securing the electric grid end to end in a fashion that meets all NIST IR 7628 guidelines. The security fabric architecture includes the tailored trustworthy space, moving target and designed in security features that are the subject of the Federal NITRD Report Trustworthy Cyberspace: Strategic Plan for Federal Cyber Security Research and Development Program.

The security fabric alliance community of practice is focused on the following mission:

- Vulnerability assessment and mitigation strategies
- Defining the Cyber Security Reference Architecture
- Providing the key components through partnership
- Integrate the parts and components
- Certify against governing standards for conformance and interoperability
- Assembling the best-in-class partners to deliver an integrated system of systems solution

## Our Mission

We are passionate about learning and its potential to transform the most complex machine on the planet. It has been said that the electric grid was the single greatest achievement in the 20<sup>th</sup> century. We believe the single most important achievement this century will be the rebuilding of the electric grid.

Learning is what defines us all as human beings and it is the foundation for success for individuals’, organizations and communities and it is fundamentally social at its core. Building a safe, reliable and resilient grid is a team sport. Today’s problems are complex and things are changing fast. We believe now more than ever we should be developing our learning capabilities to take on these challenges. We see an urgent need to learn how to *learn in* and *across* all domains within the electric grid. In order to secure the critical assets that are vital to our way of life here and around the globe we must enjoin together as a team. Our mission is to develop new learning practices and reuse some old ones too like lean development to create the framework and practices to accomplish our mission and find others that share our interests in improving our social systems in the process.