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| **I/UCRC Executive Summary - Project Synopsis** | **Date**: |
|  **Center/Site**: Security and Software Engineering Research Center / Georgetown University |
|  **Tracking No**.: |  **Phone :** ( ) - |  **E-mail :** |
|  **Center/Site Director:** Eric Burger | **Type: (New or Continuing)** New |
|  **Project Leader:** Eric Burger | **Proposed Budget**: $ 260,000 |
|  **Project Description**: Enable secure inter-enterprise secure communications by creating protocols and network architectures that embody workable policy, economic, behavioral, and social drivers that today inhibit collaboration and communication. |
|  **Experimental plan**: Investigate policy, economic, behavioral, and social issues via surveys and interviews. Identify factors that inhibit interconnection. In parallel, analyze and characterize directory federation technologies, paying particular attention to how they impact collaboration. |
|  **Related work elsewhere**: There is a lot of directory and identity federation work. For example, the academic community has InCommon. However, the approach to date has been to build protocols and expect enterprises to meld themselves to the protocol. |
|  **How this project is different**: Experience shows that enterprises cannot meld themselves to existing protocols. Many would result in violation of law, regulations, or governance policy. This project is different in that it will start with the constraints of the legal and economic system, and use that to inform the development of the federation technology. |
|  **Milestones for the current proposed year**: Create and vet survey. Execute survey. Execute technology investigation. Deliver reports of results to S2ERC.   |
|  **Deliverables for the current proposed year**: The completed survey and technology investigation. |
|  **How the project may be transformative and/or benefit society**: Billions are being spent on information sharing, but most of the resources are going towards data formats and exchange protocols. Little is being spent on the real problem, how to get secure enterprises to collaborate securely. |
|  **Research areas of expertise needed for project success:** Economics, law, government, policy, and computer science. |
|  **Potential Member Company Benefits:** This will realize the mandates of the Anti-Terrorism Act of 2004 and Executive Order 13388, creating real markets in the federal space. Moreover, this technology is directly useful for the health care, financial services, and public company space. |
| **Progress to Date:**  |
| **Estimated Start Date**:  | **Estimated Knowledge Transfer Date**: |

The Executive Summary is used by corporate stakeholders in evaluating the value of their leveraged investment in the center and its projects. It also enables stakeholders to discuss and decide on the projects that provide value to their respective organizations. **Ideally, the tool is completed and shared in advance of IAB meetings to help enable rational decision making.**