The Cyber Challenge and The Resilience Imperative

America's globally connected and increasingly exploited critical infrastructures enable the spectrum of American Life. Their absence or degradation, regardless of cause, produces the opposite. From designing, developing and buying products to running businesses to finding directions to communicating with the people, an online world has fundamentally reshaped our daily lives. But just as the continually evolving digital age presents boundless opportunities for our economy, our businesses, and our people, it also presents a new "vector" and generation of threats and exploitable vulnerabilities which we must address. "Hacktivists" Criminals, terrorists, and Nation-States who wish to do us harm all realize that attacking America through cyberspace is infinitely easier, far less risky and consistently provides higher payoffs than attacking via kinetic means or in person. As more and more sensitive data is stored online, the consequences of probes and cyber-attacks attacks grow more significant by the millisecond. Identity theft is now the fastest growing crime in America. While innovators and entrepreneurs have reinforced our global leadership and sustained our economy, with each new report of a high-profile government agency and company hacked or a neighbor defrauded, more Americans have cause to wonder whether technology's benefits are being outpaced by its costs. Meeting these new and rapidly morphing threats requires both a new preparedness culture and technologies, Both are within our collective grasp. They require a bold reassessment of the way we approach security, safety and continuity of operations in the digital age and specifically, our growing reliance upon Cyberspace. If we're going to be connected, we need to be not only protected but operationally resilient. We must join together—Government, businesses, and individuals—to renew and sustain the spirit of continuous innovation and improvement in the Nation's safety, security, quality of life and future that has made America with worlds beacon of innovation and strength.

Cyber Center of Excellence (CCE) Alpharetta

Our mission is to build a local and regional Cyber Center of Excellence (CCE) with National and Allied reach. We will leverage cyber innovations and create synergies amongst Industry, Government, and Academia. We will build upon our proven capabilities in technology and leading-edge thought and research to address current and rapidly evolving Cyber challenges and their impact upon a Nation increasingly reliant upon globally interconnected cyberspace. As part our mission we will engage, inform and empower our community on cyber realities and the imperative of achieving and sustaining Cyber Resilience. Building protected, secure and operationally resilient information systems and networks, require pragmatism, and empowerment of individuals, businesses and American communities. The Cyber Center of Excellence (CCE) Alpharetta brings together highly experienced government, industry, Intelligence, security and technical experts share their expertise in cyber resilience and all it empowers, privacy protection, public safety, and economic and national security, to enable individuals and organizations in the CCE community to understand and continuously improve control of their digital security to address rapidly growing local, regional, and national Cyber challenges.

CCE supports the Cyber security National Action Plan (CNAP) that builds upon lessons-learned from Cyber trends, threats, and intrusions. This CNAP directs the Federal Government to foster the conditions required for long-term improvements in our approach to Cyber resilience across the Federal Government, public and private sectors, and throughout the spectrum of our personal lives.

The CCE is privately funded and supported by Smart Community Exchange (SCE). CNAP (the Federal Government) will need to invest additional resources in its cyber security. The 2017 Budget allocates more than $19 billion for cyber security – a more than 35 percent increase over the 2016 enacted level. These resources will enable agencies to raise their level of cyber security, help private sector organizations and innovators to better disrupt and deter adversary activity, and respond more effectively to incidents.

About Smart Community Exchange (SCE)

The SCE, is comprised of Industry, Government and Academic partners. It is dedicated to making Alpharetta a regionally recognized Smart Technology Center of Excellence. The SCE builds Smart Tech capabilities and supports Smart Tech commercialization; it fosters Smart Tech information exchange, coordinates and integrates Smart Tech economic growth. The SCE builds a Smart Tech workforce through Smart community education and workforce training programs. Learn more about SCE: www.SmartCommunityReview.com