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Input to the Commission on Enhancing National Cybersecurity
Executive Order 13718
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Safe-T Data www.safe-t.com is pleased to submit comments to The Commission on Enhancing National Cybersecurity.

Election data hacking is one of the Cyber topics du jour, but so are all branded enterprise, Federal, State and Local government as well as for that matter your local gym, physician and all the services we take for granted. This Commission on Cyber Security is vital to our "online" life so incredibly built around The Internet. It is relevant because against all odds and with massive investment, it appears that we are losing the battle to keep ourselves, our government and our businesses safe despite what seems like great technology and heavy investment.

The abject failure of current Cyber Security infrastructure and solutions has been well documented across all sectors of the economy. It is our vision at Safe-T Data to enable all Enterprise Perimeters to be closed to the Internet while simultaneously enabling authorized users to access the services they are entitled to without friction.

To net this down to a handful of reasons for current failures to protect the network and its contents:

- Perimeter security paradigms do not evolve with rapidly advancing cyber criminals and quickly become outdated
- Conventional DMZ models are complicated, full of exceptions, and not fit for purpose
- Identity is too easy to compromise and behavior is not sufficiently monitored
- Legacy and modern business applications evolve slowly and lack protections required to thwart progressive attacks
- Cloud and Hybrid Clouds have focused on Operational Efficiency at the cost of Enterprise Security
- Risks created by inertia, red tape, cost controls, lack of understanding and over selling by vendors

Safe-T Data, together with partners provide a profoundly innovative solution to better protect the enterprise by:

- Operating and maintaining a focused DMZ-as-a-Service Solution with world-class experts on the watch 24x7x365
- Providing a unique Reverse Access by terminating all TCP traffic at the Internet and Reversing it into the network
- Leveraging patented Reverse Access technology to provide a new level of security at the edge of the enterprise
 - All application services eliminated from the DMZ to thwart common IP attack vectors
 - All inbound ports at the perimeter firewall are closed to eliminate illicit access to unprotected resources
 - Application agnostic proxy drastically simplifies the DMZ landscape
- Incorporating centralized Identity Management with very progressive multi-factor authentication
- Connections are brokered to the application(s) they are entitled to no matter where the application is
- Policy Enforcement --- by default

Benefits of The Safe-T Data Solution:

- The most modern and innovative Security Platform on the web
- Our patented security approach keeps malicious players out of the Enterprise and key stakeholders out of the News
- World-class experts operate, monitor and evolve this service --- so you don't have to
- The platform is meticulously built and continuously maintained with the latest security measures for your protection
- Eliminates the ability of malicious players on the Internet to access the network through the firewall as it is permanently closed and reveals no IP Address
- Identifies and authenticates all users using innovative Multi-Factor techniques
- Proxies all users to the application(s) they are entitled to no matter where the application is including email
- Monitors behavior throughout the connection process and terminates all unnatural and unrecognizable behavior



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Safe-T breakthrough solutions operate at scale, are non-intrusive to existing legacy infrastructure, invisible to users, enable operational efficiency and are cost effective.

About Safe-T Solutions

Safe-T Data's Safe-T Box is a Secure Data Exchange Broker solution, which enables organizations to broker, control and secure data exchange of any type and size between people, applications, cloud solutions, and businesses. It is designed to rapidly add security and control across a wide variety of data exchange Patterns for enterprises of all types including to and from the Cloud.

Safe-T's RSAccess Secure Data Access solution is a disruptive and breakthrough secure reverse-access solution designed to overcome the challenges of today's DMZ networks and network segmentation, prevent criminal application access, application hacking, and protect classified networks within the enterprise infrastructure. Safe-T Data's secure front-end solution eliminates the need to store sensitive data in the DMZ, thereby reducing exposure to data breaches.

We look forward to and welcome participating in any further discussions with the Commission

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