



Ternary Security Model™

Ransomware Neutralization

A Zero Trust Approach

TSM Lockbox

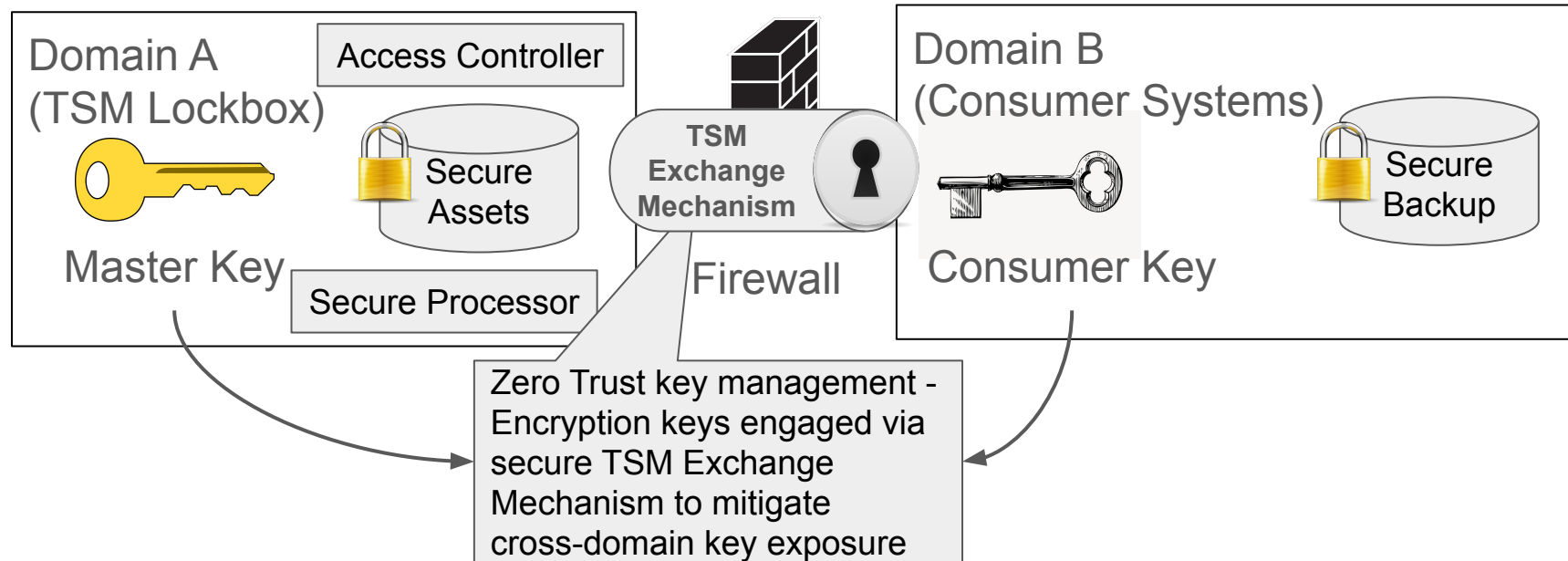
info@JJDSsoftware.com

<https://ternarysecuritymodel.com/>

US Patents: 11,899,812|11,038,691|10,399,325

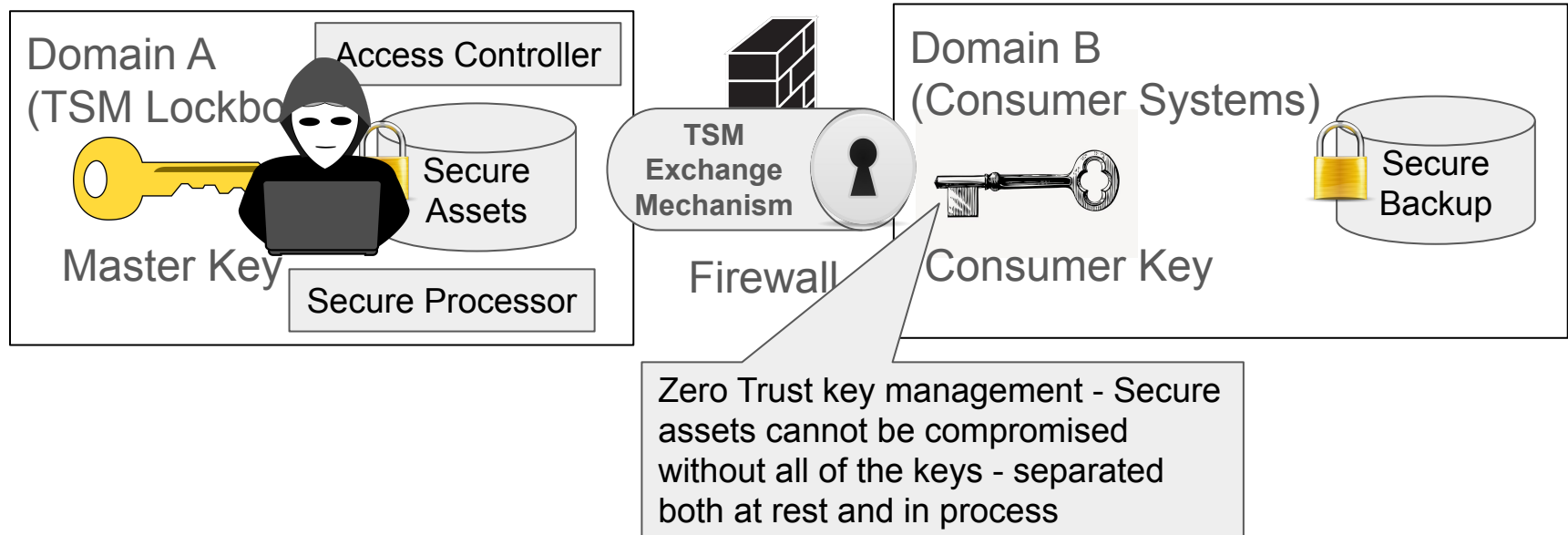
Welcome to the TSM Lockbox

A patented multi-key encryption TSM Exchange Mechanism engages separated keys (each housed in separate domains) mitigating cross-domain exposure...



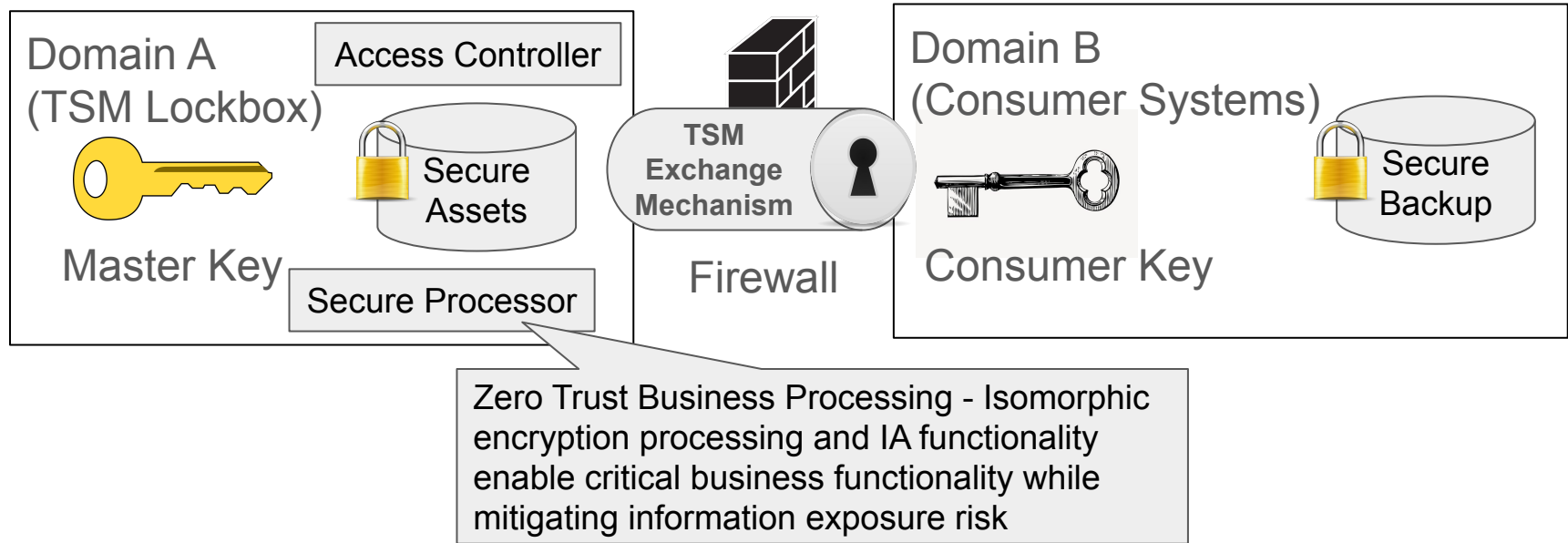
Welcome to the TSM Lockbox

A complete takeover of one of the domains is neutralized because one (or more) of the keys required to compromise assets is not present - even when running live



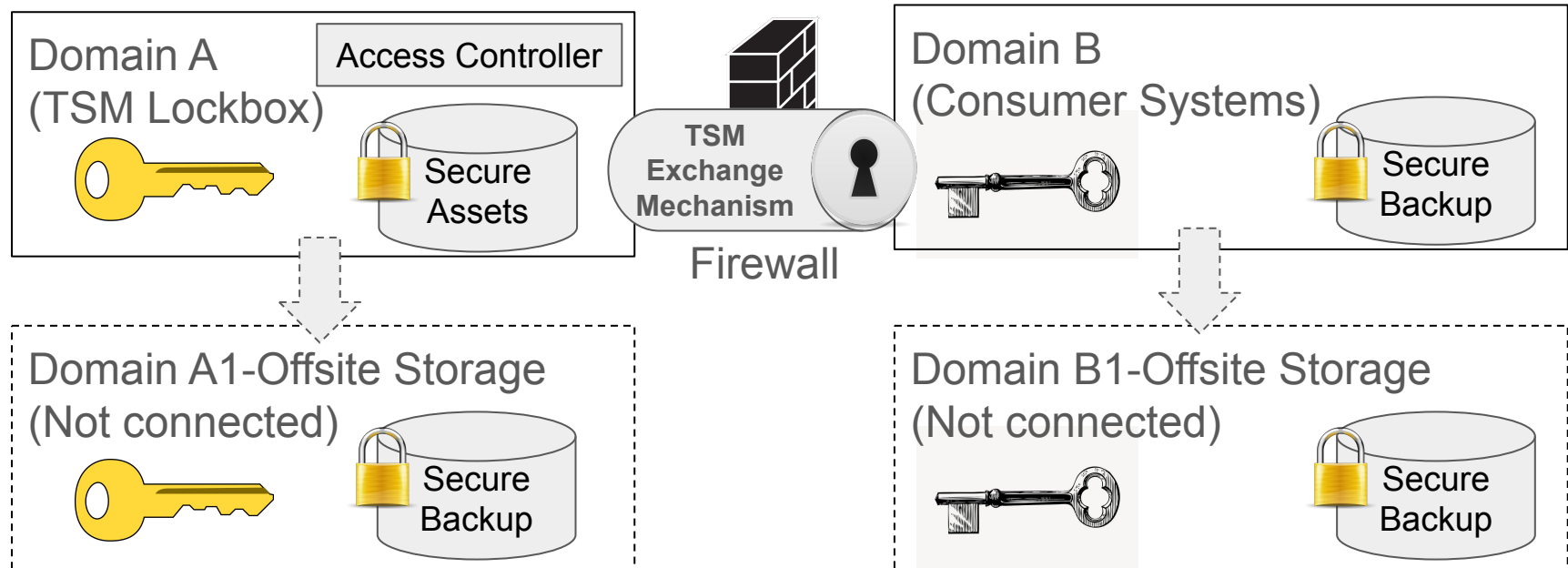
Welcome to the TSM Lockbox

Secure processing utilizing isomorphic encryption and IA drive crucial business responses without compromising protected information...



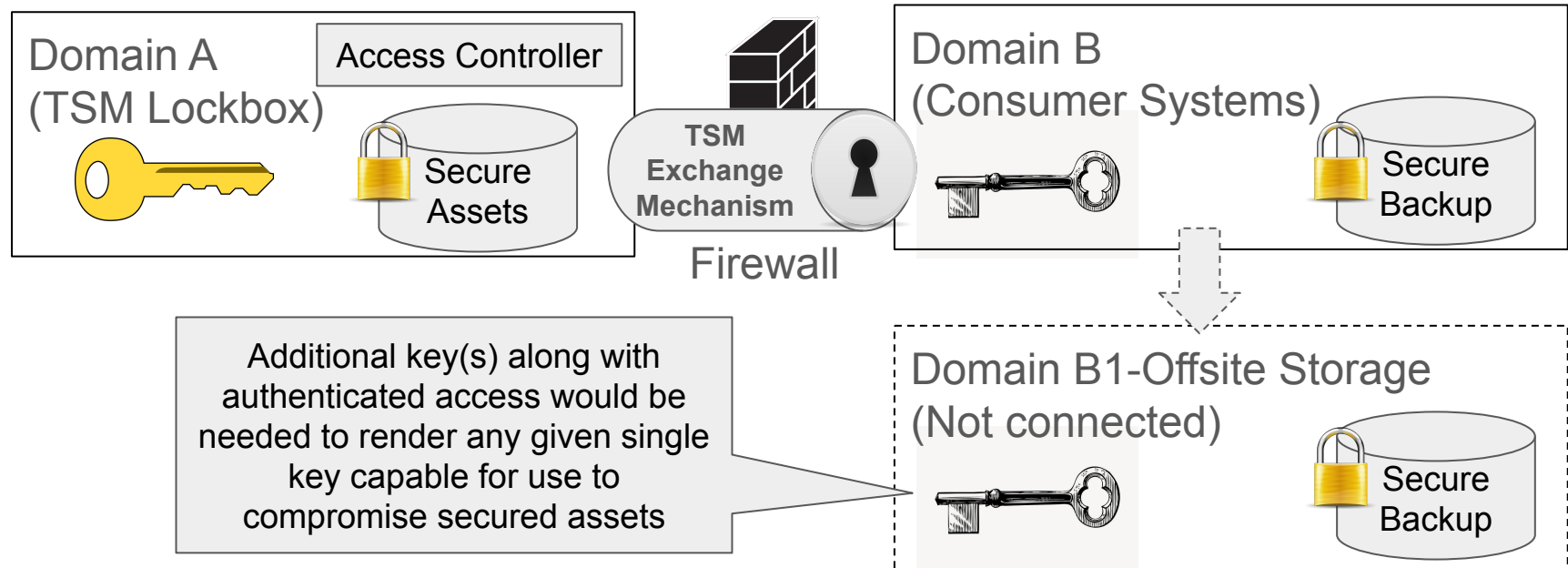
A Zero Trust approach to Neutralize Ransomware Threats

Because they can remain in separate domains, keys and secure backups are less fragile and can be safely stored offsite (based on customer preference)



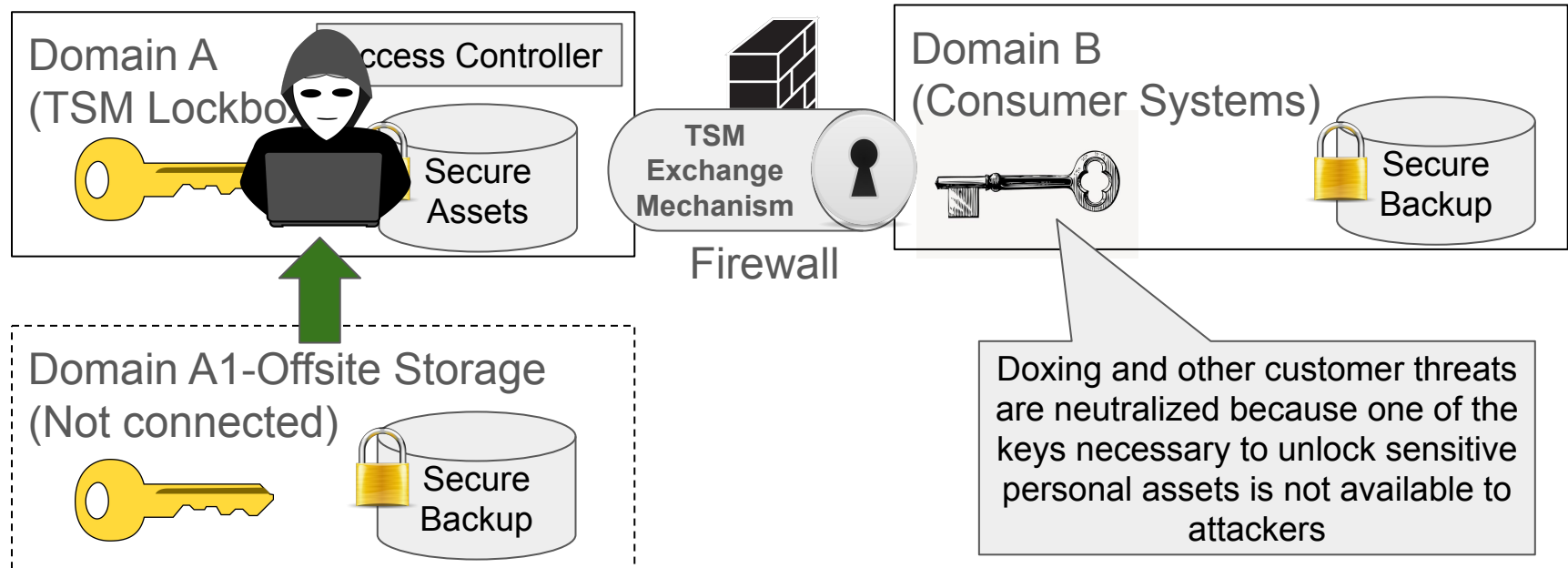
A Zero Trust approach to Neutralize Ransomware Threats

Because only one of the keys is available in any given domain, encrypted backups are safe from compromise if lost or stolen.



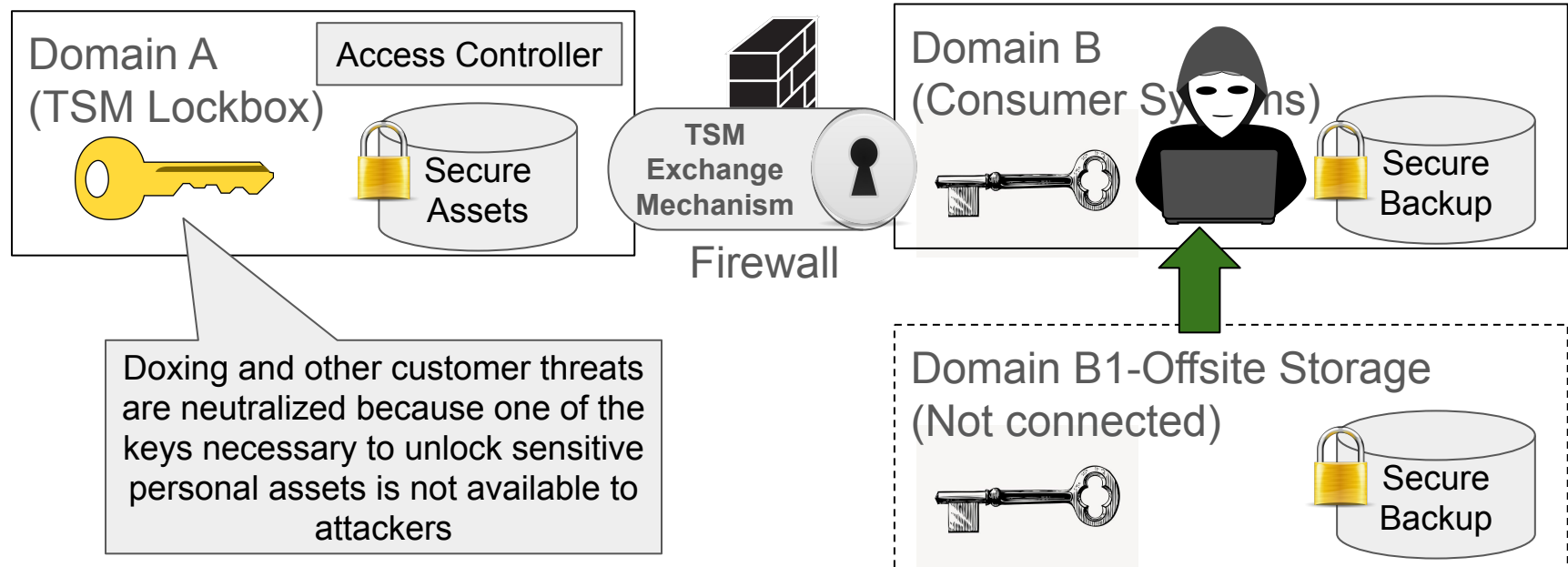
A Zero Trust approach to Neutralize Ransomware Threats

A Ransomware takeover of any active domain is quickly mitigated via restore from offsite backup



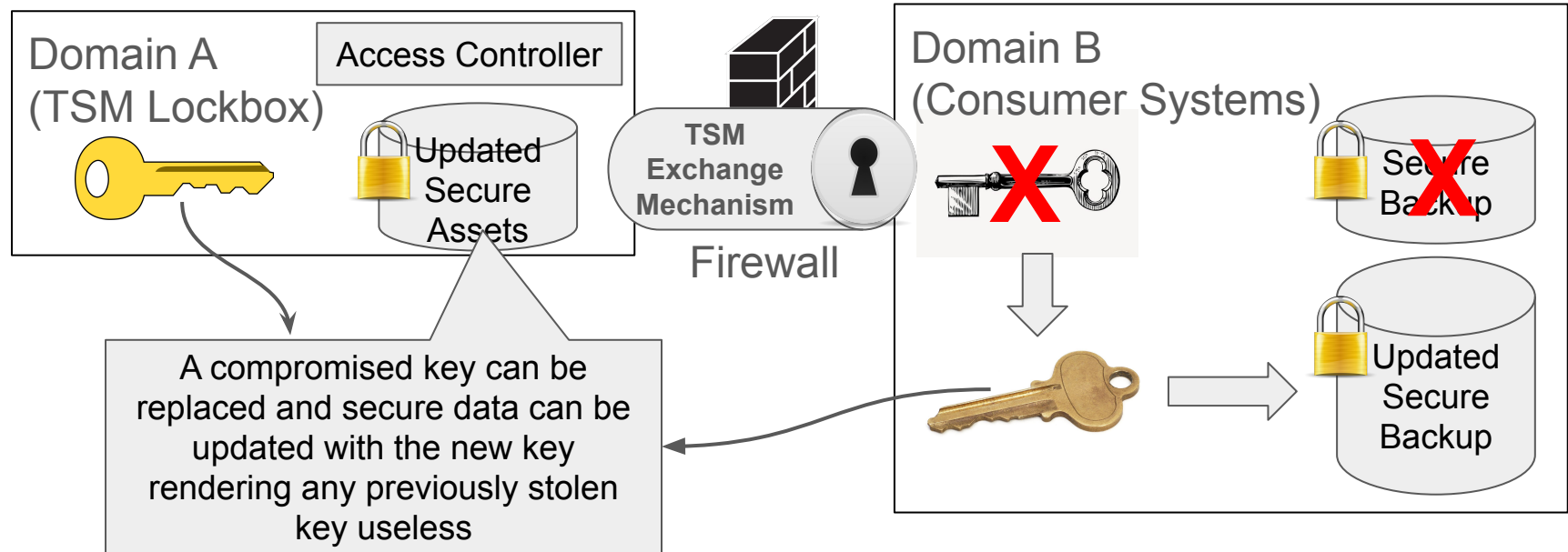
A Zero Trust approach to Neutralize Ransomware Threats

Consumer systems are also protected in the same manner



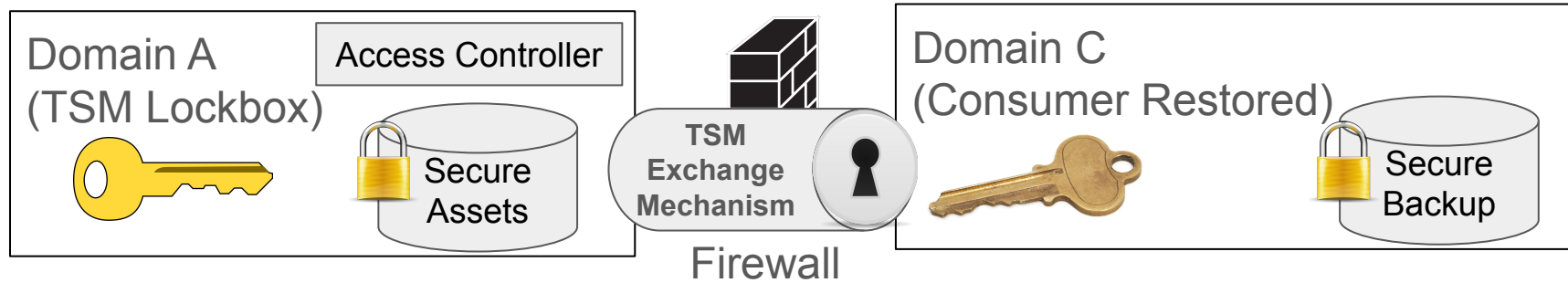
A Zero Trust approach to Neutralize Ransomware Threats

Once restored, keys can be regenerated to render any prior stolen keys and information unusable

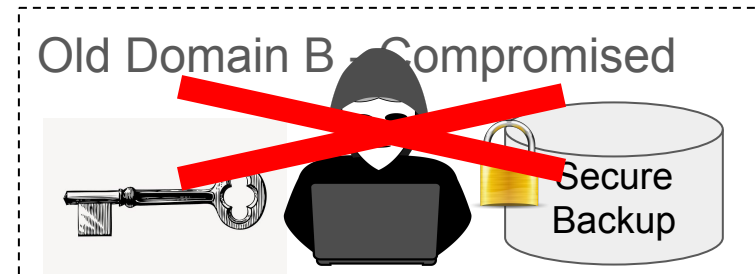


A Zero Trust approach to Neutralize Ransomware Threats

With new keys and a securely spun up restoration from backup, Consumer systems can be brought back online quickly, leaving attackers neutralized and with nothing *



* **Cyber experts say there are 2 types of organizations - those that know they are compromised and those that don't. It comes down to what options are available when that phone rings...**





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