WHITEPAPER

Netzilo

the next generation alternative to VDI & RBI solutions

In an era where cybersecurity threats have become increasingly sophisticated and pervasive, traditional perimeter-based security models are no longer sufficient.
The **accelarated adoption of Generative AI, SaaS, BYOD and remote work policies, third-party access and a global workforce,** has significantly heightened the risk of data breaches.

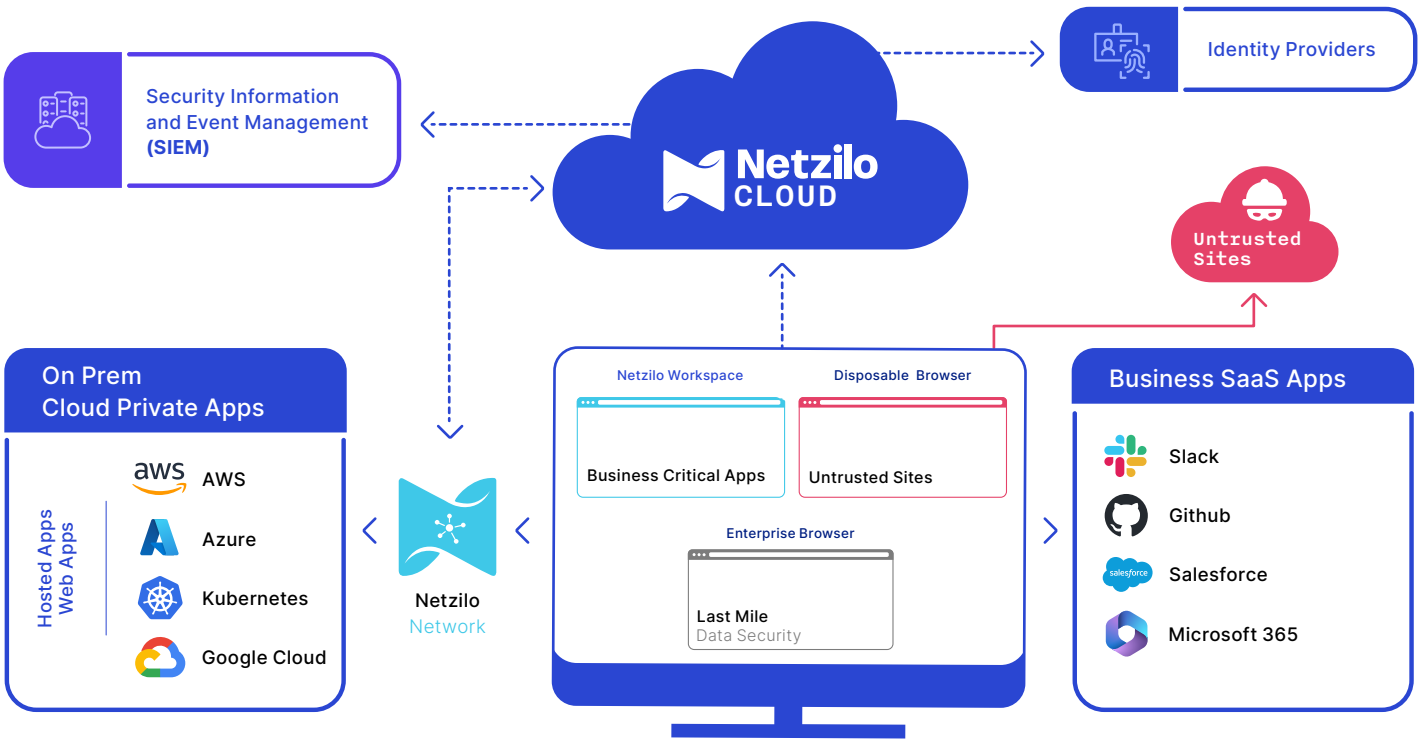
Consequently, the costs associated with cybersecurity measures have surged, and the complexity of IT infrastructure has escalated, making robust security maintenance more challenging than ever.

Netzilo offers an **endpoint access isolation platform** that provides a comprehensive solution to these modern cybersecurity challenges by directly addressing key risk drivers. By offering **a modernized, zero-trust alternative to legacy VDI (Virtual Desktop Infrastructure) and RBI (Remote Browser Isolation) solutions,** it mitigates risks associated with data breaches while bringing significant benefits [see Diagram I]

Diagram I

What is the value that Netzilo brings to an organization?

Diagram II
Netzilo Solution Architecture



The Netzilo platform offers four key components that together form a comprehensive end-to end solution for the aforementioned use cases: an enterprise workspace, an enterprise browser, a disposable browser and a zero-trust overlay network. These components are tightly integrated together to form a complete platform, delivered as a service or as on-prem.

The enterprise browser extension turns users' own browser into an enterprise browser on demand. Without having to install and support a new browser, organizations could gain last mile data protection and compliance on any device. The disposable browser protects endpoints with local browser isolation technology that is battle tested against zero day infections such as ransomware threats. The principle of least privilege is stitched into every aspect of the Netzilo platform such that continuous security posture checking is performed at every step of users' journey while allowing administrators to define granular policies.

The enterprise workspace provides an isolated enclave on the user's device, created on demand. By supporting thick client applications such as Microsoft Office or users own productivity apps, it closes the gaps that enterprise browsers cannot fill alone. Within this secure enclave, data is protected at the last mile through defenses against screen grabbing, key logging, clipboard snooping, and unauthorized printing. Additionally, data within the enclave is transparently encrypted, remaining inaccessible to applications running outside this secure environment. This comprehensive isolation approach ensures adherence to compliance policies such as PCI and HIPAA.

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Netzilo Inc.
166 Geary Str STE 1500 #2226
San Francisco, California, 94108

www.netzilo.com
sales@netzilo.com
+1 415 985 2636