

NetAbstraction™ Cloud Service

NetAbstraction is a Cloud-Based service that obscures, varies and isolates your network pathways across multiple providers, while protecting your identity and your systems.

THE PROBLEM:

Enterprise-level cyber attacks continue to increase dramatically. The threats are increasingly sophisticated and responses tend to be reactive rather than proactive.

Typical commercial and government systems are fixed, static, easily located and thus more vulnerable to attack

CAPABILITIES & SOLUTIONS

SECURE VIRTUAL PRIVATE NETWORKS

NetA establishes secure Virtual Private Networks (VPNs) and identity protected access.

DISTRIBUTED COMMUNICATIONS

NetA distributes your communications activity and data storage across multiple networks.

DYNAMIC ROUTING ACROSS MULTIPLE CLOUDS

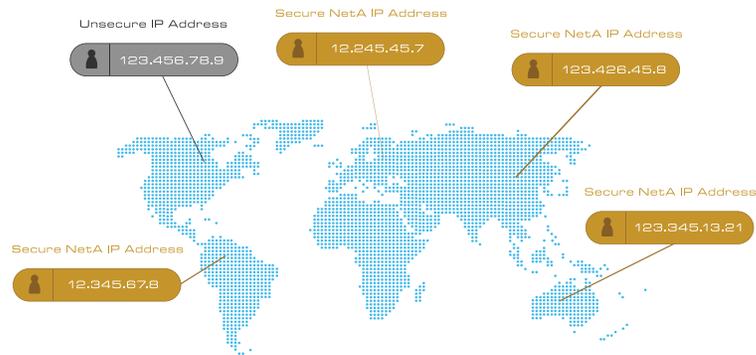
NetA works dynamically within and across multiple clouds simultaneously.

INTERNET IDENTITY MANAGEMENT

NetA provides a range of identity management and persona attribution options to alter or reduce your cyber profile.

ENHANCED SECURITY PROTECTIONS

NetA generates additional layers of encryption to defend against a variety of threats including malicious software, users, and organizations.



BUSINESS DESCRIPTION

NetAbstraction provides a unique cloud-based service that protects customer identities and provides enhanced security capabilities to safeguard customer access to the cloud and to the Internet. The NetAbstraction design is patent pending based on the use of commercial products and commercial cloud providers. NetA is a service of Cutting Edge C.A., which has a proven track record of delivering critical capabilities in the cyber arena.

WHAT IS NETABSTRACTION ?

NetAbstraction provides secure, varied, and non-apparent network connectivity, a range of identity management and persona attribution options to alter or reduce the cyber attack profile; support for migration on customer activities to the cloud; and system designs to help control customer information held within commercial cloud provider databases. NetAbstraction alters the attribution, transparently distributes the communications activity and any data storage, and dynamically works within and across multiple clouds simultaneously. In addition, NetAbstraction augments the multi-layered security capabilities provided by the commercial cloud providers with an additional layer of encryption and dynamic security policies to help ensure that malicious traffic is not allowed to enter the network. NetAbstraction allows organizations to take advantage of the benefits of cloud technology while improving their overall resiliency, security and exposure on the Internet.



POTENTIAL USERS & SOLUTIONS

FINANCIAL INDUSTRY

Modify users profiles, reduce possible hostile attack opportunities, protect customer data, and disguise Investment research.

FEDERAL & LOCAL GOVERNMENT

Alternate attribution provides access to the internet while helping to protect operational relationships and activities.

MEDICAL & LEGAL COMMUNITIES

Protect the routing and disbursed storage of electronic records transactions.

CORPORATE I.T. TRANSITION

Provide additional security and privacy options to encourage faster migration and adoption of lower cost commercial cloud services.

PHARMACEUTICAL & INNOVATION COMMUNITIES

Reduce attack opportunities on Intellectual Property development communication exchanges.



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KEY FEATURES

- Use of cloud technology to provide flexible lower cost, pricing structures.
- A network design and management capability that allows customers to manage both their external and internal environments independently from a common platform.
- Establishment of an additional layer of communication security.
- Infrastructure and identities rotated and replaced on a frequent basis.
- A unique market position, providing holistic cloud security services to public and private organizations.

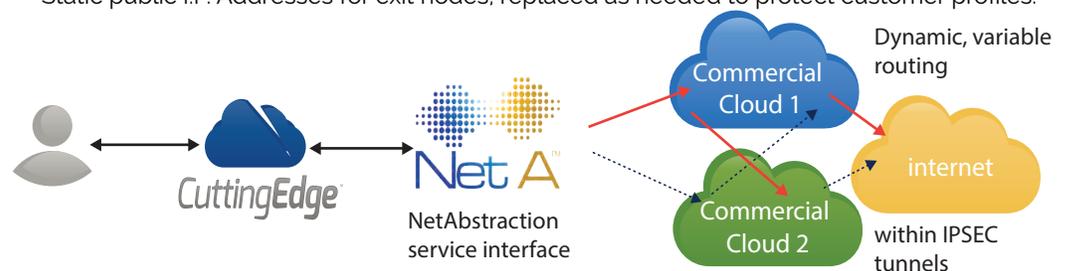
NETABSTRACTION'S SYSTEM OVERVIEW

NetAbstraction provides user protected access to the internet, secure two-way communications, and protected hosting. In the figure below we illustrate NetAbstraction's network approach, which includes:

- Choice of dynamic path between our cloud providers.
- Selection from our end nodes and alternative identity gateways for internet access.

Options:

- Dedicated end node identities accessible via the shared service.
- Exclusive end-to-end network for data communications.
- Static public I.P. Addresses for exit nodes, replaced as needed to protect customer profiles.



MARKET ENVIRONMENT

- Public cloud spending by enterprise end-users was estimated to be \$100 billion in 2012.
- Between 2010-2016 the total cloud expenditure by public enterprise level end-users has a projected CAGR (Compound Annual Growth Rate) of 17.1%, resulting in a \$207 billion market for cloud services by 2016.
- Within the public cloud market, security spending was estimated to be \$2 billion in 2012 and increase 30% in 2013.
- In 2016, spending on cloud security is anticipated to reach \$4.1 billion.

ABOUT US

NetAbstraction is a service of Cutting Edge CA.

Cutting Edge C. A. was formed in 2012 to bring together a diverse team to innovate and develop practical Internet communications solutions based on "best of breed" technologies, particularly cloud technology.

The Cutting Edge CA leadership team possesses extensive cyber, technology and identity management expertise.

