

Managed Email and Web Security Services

Securing Your Communications



The world of IT security is changing radically. Traditional threats such as spam, viruses, spyware, botnets and thousands of other advanced Internet-based threats are becoming more sophisticated. Businesses are faced with having to defend themselves against this onslaught, while also having to find ways to reduce IT cost, boost productivity and simplify their networks.

NCS Managed Email & Web Security Services while leveraging on cloud based solutions, provide the most comprehensive set of service offerings. It is a fully integrated email and web security platform that can help to mitigate business risks and simplify IT administration. All anomalies can be quickly isolated through NCS real-time monitoring which can also provide an instantaneous access to any transaction data and provide summary views with interactive drill-down capabilities.



Security Services in The Cloud

NCS' Email & Web Security Services provides extensive coverage protecting against malware, flow control and data leakage prevention. This service will also enable enterprises to take advantage of the various benefits such as active directory integration, security policy, data loss prevention policy, and reporting across email and web to provide consistent policy with complete coverage across the globe.

Managed Email Security Services

As email volume grows, organizations are faced with the mounting task of managing the growing number of appliances to secure their email infrastructure. Appliance based solutions cannot keep up with the volume of email and are forcing organizations to add more appliances each year just to keep up.

NCS' Email Security Services uses cloud technology and provide the most scalable comprehensive suite of services to ensure that your organizations' email infrastructure are well protected against viruses, worms, Trojans, phishing and spam. These solutions include:

- **Anti Virus and Anti Spyware** – With constant updates on the latest signatures and dynamic counter measure to protect against a comprehensive array of spyware and viruses

- **Anti Spam** – In order to block the latest spam outbreaks, our service prompts to send out updates every 30 seconds and at the same time, the anti-spam engine will also detect image spam, malicious URLs and mutations in real-time
- **Encryption** – Based on combination of sender, receiver or content of an email, this service can help to enforce delivery of emails over an encrypted channel to ensure secure delivery of email messages when connecting to a remote Mail Transfer Agent (MTA)
- **Inbound and Outbound Mail Flow** – Through simple and intuitive policy rules, Managed Email Security Services offers very granular mail flow rules that allow any email to be routed based on sender, receiver and attachment file-types
- **Alias and Masquerading** - Alias and masquerading policies help to simplify alias management, mail routing and creating copies. This is applicable to those organizations that have multiple email domains to ensure that consistent email addresses are presented for any emails external to the organization
- **Delivery Assurance** – Backed by highly reliable cloud architecture, this feature will help to receive and hold emails if your organization's exchange server is not available
- **DLP Rules** – To scan all data leaving your organization over any email including the message body and attachments.





Managed Web Security Services

NCS' Managed Web Security Services is a Software-as-a-Service (SaaS) based solution that provides protection against all the web security threats such as spyware, adware and other malicious software. This service will help your organization to simplify increasingly complex web security needs and enable you to focus more on Strategic Security needs such as policy planning and architecture. Not only does Managed Web Security Services protect your company's network from the threats in the internet, it also allows you to extend protection to the users as they surf the web.

NCS' Web Security Service offering integrates multiple layers of comprehensive compliance enforcement which includes:

- **Anti Virus & Anti Spyware** – This service is constantly kept up to date with the latest signatures and dynamic counter measure to protect against a comprehensive array of spyware and viruses
- **Advanced Threats** – Leveraging on NCS comprehensive real-time 24x7 monitoring, all of the next generation threats such as malicious active content, botnets, cross site scripting (XSS), cross site request forgery (CSRF), phishing and a new generation of hostile threats thriving in a Web 2.0 world can be identified and blocked immediately
- **Browser Security** – This feature is to ensure that browsers are fully up to date before employees are allowed to access the internet. It also provides 'Vulnerability Shielding' to protect old browsers against attacks and warns users when they use a vulnerable browser or plug-in
- **URL Filtering** – Our advanced Web filtering integrates powerful classification engines and our classification teams, including more than millions of URLs across five continents. With Dynamic Content Classification technology which analyzes pages as they are accessed, it will help to provide a second layer of real-time URL protection
- **Web 2.0 Controls** – Powered by the high performance scanning engines which monitor thousands of Web 2.0 sites, this will filter out the malicious content that rapidly spreads in the Web 2.0 world and if any malicious content is identified, it will be immediately blocked
- **Bandwidth Control** – This will help to maximize bandwidth by keeping unnecessary and unauthorized traffic off of your network and at the same time, it will boost productivity and lowers cost
- **Applications** – This service scans all data leaving your organization over any web application, including all Microsoft document formats, PDFs or compressed archives. Rules can be set at the granularity of users, locations and specific web applications like social networks, webmail or instant message



Benefits

Consolidate and simplify enterprise email and web security

The Managed Email and Web Security Services provide benefits such as having a single administrative console for policy definition for both email and web security. When subscribed to both services customer has an integrated view of both services without having to refer multiple screens. It also has eight fully integrated modules covering security, liability and data leakage risks aspects of the network. The service also delivers real-time reporting enables businesses to have overview of the service and also provides instant access to the logs while freeing the IT team from the mundane chore of researching the logs.

Ease of implementation and ultra-low latency security for any employee, any device, anywhere in the world

Cloud based services enable customers to enjoy state of the art technology without having to deploy any appliances. Much of the complex infrastructure is presented to the customer in simplified views which are intuitive yet granular in policy definitions ensuring easy mail flow management. There is also provision for end-user quarantine in the service without the requirements of additional servers in customer network. The infrastructure is built robust with high availability and failover designs ensuring local, regional and inter-continental redundancy. User level multi-tenancy enables the user to access any data center yet stay secure on the Internet.

Cost Savings

As the customer need not deploy any hardware, software or any desktop clients, there is immediate cost savings in using the service. With no purchase upfront the customer makes no capital expenditure and the service subscription can be aligned with the expansion of their network paying for what they use only. Customer also does not need to carry out capacity planning as the cloud allows scaling the solution as the needs arise.