

# SaskTel E-mail Protection Services



***E-mail is a critical part of your day-to-day business, but managing it can be a big headache and a burden on resources. Spam, Viruses, Phishing, Denial of Service (DoS) and Directory Harvest Attacks (DHA) are just a few of the daily perils threatening to infiltrate your in-house e-mail system. In the last year, global spam doubled in volume, surpassing three trillion messages with an estimated cost to business of more than CDN\$155 billion.***

***Let SaskTel E-mail Protection Services safeguard your in-house e-mail system, minimizing the amount of spam and viruses that reach your servers and freeing up your IT resources to pursue important business objectives.***

## ***What is SaskTel E-mail Protection Services?***

SaskTel E-mail Protection Services is a managed e-mail service that scans all incoming and outgoing messages and attachments to ensure spam, viruses and other threats are detected and dealt with before they reach your network.

SaskTel E-Mail Protection Services utilizes the expertise of Postini Inc., the industry leader in e-mail security and message management, to bring you a comprehensive threat prevention system for your in-house e-mail system. Postini's patented, multi-layer technology provides comprehensive e-mail protection. Postini earned the highest effectiveness rating in Network World magazine's recent comparison test of leading anti-spam vendors.

## ***Key Benefits***

### ***Reduce Threats***

Choose SaskTel E-Mail Protection Services for your business and you'll minimize spam and viruses, allowing your business to focus on legitimate e-mail. Stopping spam, viruses, DoS, DHA and other e-mail system threats before they reach your gateway results in increased network performance and delays the need to expand your e-mail capacity.

### ***Easy Administration***

The Web-based "Administrator" console offers easy and powerful command over e-mail management, monitoring and reporting. You can filter globally and fine tune locally by implementing "set and forget" policies on junk e-mail blocking, graded spam filtering and approved sender lists. Attachment filtering lets you restrict unwanted inbound attachments such as MP3 music files, as well as potentially sensitive outbound attachments that could contain information valuable to your competitors.

### ***Predictable Costs***

With SaskTel E-mail Protection Services, there's no capital expense, administrative burden or maintenance cost. Monthly payments make for easy budgeting with no surprises.

### ***Improved Performance***

With junk e-mail accounting for over 65% of all e-mail received by corporate organizations and with nearly one in ten e-mail messages now containing a virus, it's important to be proactive. When spam and viruses are stopped before they travel through your e-mail system, you save on bandwidth and server capacity while improving e-mail system performance for employees, customers and partners.



## SaskTel E-mail Protection Services

Feature	Associated Benefit
<b>Anti-Spam</b>	Detect spam using custom blacklist, fingerprinting, bait mailboxes and sophisticated rules-based heuristics technology with more than 20,000 unique rules.
<b>Anti-Virus</b>	Scan all inbound and outbound e-mail for viruses, using up to three different anti-virus engines to ensure that messages are safe.
<b>Anti-Phishing</b>	Block phishing attacks (spoofs of well-known Web sites that fool the user into divulging private data such as financial account numbers and passwords) by applying several hundred spam filtering rules targeted specifically at phishing techniques.
<b>Attachment Filtering</b>	Reduce the resources required to process unwanted attachments (such as large MP3 music files) with inbound attachment management. Outbound attachment filtering can be used to prevent sensitive or confidential file types from leaving the enterprise.
<b>Content Filtering</b>	Utilize both inbound and outbound e-mail policy enforcement capabilities. Inbound filtering scans incoming messages for conformity to content policies and for viruses. Outbound filtering applies content policies to outgoing e-mail, ensuring that corporate policies regarding appropriate use are observed, preventing confidential or sensitive data from leaving the enterprise and entering the hands of competitors.
<b>Monitoring and Alerting</b>	Gain continuous control and insight into all e-mail traffic into and out of the enterprise with real-time dashboard monitoring and alerting from a Web-based console.
<b>DOS (Denial of Service) and DHA (Directory Harvest Attack) Prevention</b>	Automatically stop Denial of Service (DoS) and Directory Harvest Attacks (DHA) that use up to 30% or more of your e-mail server transaction capacity.
<b>Encryption</b>	Transmit e-mail based on the TLS (Transport Layer Security) protocol, thus providing communications privacy and preventing eavesdropping, tampering and message forgery.
<b>Comprehensive Reporting</b>	View and customize the reporting of inbound and outbound e-mail traffic to your environment. Real-time, daily, weekly and monthly reports help you analyze and track e-mail traffic and trends to improve overall performance and spot issues before they evolve into major problems.
<b>Disaster Recovery</b>	Store messages during server outages until the e-mail servers come back online and messages can be delivered.
<b>Legal and Regulatory</b>	Safeguard and protect valuable proprietary or private information, while assuring that potentially abusive or offensive messages cannot be transmitted through your e-mail system.
<b>Load Balancing</b>	Control incoming e-mail messages and prevent server overloads. In the event of connectivity errors, or server outages, SaskTel alerts e-mail administrators immediately and stores incoming e-mail until servers are ready to accept e-mail messages again.

**SaskTel E-mail Protection Services offers reduced costs, increased productivity and improved performance for your in-house e-mail system. Let SaskTel E-mail Protection Services manage your e-mail security so you and your IT staff can focus on growing your business.**

To find out more about how SaskTel E-mail Protection Services can help your business, call 1-888-255-8826, or visit [www.sasktel.com/outsourcing](http://www.sasktel.com/outsourcing).