Information Security Guide for Small Businesses

**HTTPS and Website Security**

Our customers' information was leaked on our website! Why?

It protects your customer data from eavesdropping and tampering during transmission. To set up HTTPS at website, you should contact the service provider quickly!

What's HTTPS?

Benefits of Using HTTPS

Any points I should note when setting up HTTPS?

Proper configuration of HTTPS is important. Let me show you some notes …

- Use server certificate issued by a recognised certificate authority and keep the certificate in “Trusted” condition
- Employ secure protocols only (e.g. TLS 1.2)
- Automatically redirect web traffic to HTTPS site (e.g. enable HTTP Strict Transport Security (HSTS) support)
- Use strong cipher suites (e.g. SHA-256, AES 256-bit, etc.) and disable those functions with security risks (e.g. TLS compression, etc.)
- Update operating systems, applications, framework libraries and cipher suites periodically
- Store sensitive data in the backend server with proper protection
- Do not include sensitive information in the URL

For details, please visit the InfoSec website at: www.infosec.gov.hk