Satswana Ltd.
Security Policy

As a security provider Satswana deploys two underlying principles as follows

1   The optimum security is not to hold any user data in the first place
2   To make it impossible to access the data that does pass through our system

To clarify the first point above, the only information we seek to hold is the authenticated email address of the registrant so as to ensure within the closed user group created that the correct party sends and receives the message, and for professional users their mobile phone number for SMS two factor authentication. Our payment policy is to (securely) invoice customers via the email address and ask for payment to be made to our bank account, we do not hold your details.

As to the second point, our service works with a multilayer security infrastructure consisting of you the end user, Satswana, and a Registrar. Satswana does not have any access to the keys, and therefore has no access to the encrypted document. The Registrar on the other hand administers the keys, but has absolutely no knowledge of the end user or the content of the email. The Registrar only handles anonymous data. This secures integrity, authenticity, confidentiality and a binding character in terms of the audit trail for the e-mail.   The only source of the decrypted data is the sender and legitimate authenticated receiver. Satswana does not store the message.

The keys are held by Incert GIE in Luxembourg, a Government owned Registrar.

We directly manage our own servers within an air conditioned location with full power backup running on locked down Microsoft Hyper V servers with full resilience and daily backup – deploying Sentos IP tables fronted by a Sonic Wall firewall.

The software has an additional built in firewall blocking all unused ports and running an application based intrusion detection system. All unused services, users and groups are removed or stopped. Appliance management is only available by SSH from an internal IP address or a dedicated external address. We will be making regular updates and service enhancements for all operating systems and application components.

Please see our website www.satswana.com for "briefing" on the deployed encryption standards.