

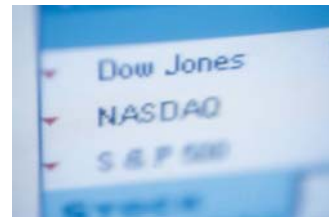
# SecureTrans™

SAV Messaging or SMS AV



**SecureTrans™ provides a guaranteed check that the right person is receiving the information being broadcast.**

The SecureTrans™ Application Server is a complete SMS AV Server environment that enables corporate ERP, CRM and even Email applications to communicate via SMS and be guaranteed that the correct person will receive the information sent. The SecureTrans™ remains secure behind your company firewall and encrypting and decrypting messages as well as managing the entire communications process to ensure certain time requirements are met and the appropriate status notifications are delivered. The contents of the message are not stored on the server, the entire message is sent encrypted with the password verification request. All this can occur without the need for any modification to either the phone or SIM card software.



SMS AV is a patented technology developed in-house by Bond Wireless. By using the SecureTrans™ server organisations can communicate via SMS:

- ◆ Ensure only the intended recipient can read a message
- ◆ Permit sensitive information to be sent to customers and obtain a confirmation that the correct customer received the information
- ◆ Enable transactions to be conducted on a mobile phone without costly upgrade or modification of SIM Cards
- ◆ Be ensured that no sensitive information is stored on third party servers
- ◆ Mobile enable applications like electronic banking, mobile commerce, billing, ticketing and dating services while maintaining the appropriate levels of privacy.

## SMS AV or SAV Messaging

This unique technology developed by Bond Wireless is a major step forward in the enabling of true ubiquitous m-commerce. SMS AV enables:

- ◆ The person receiving the SMS message to be authenticated and verified
- ◆ Secure SMS transmission utilises 128 Bit Blowfish encryption
- ◆ Information to be sent that only the intended recipient can successfully retrieve
- ◆ Helps solve the non-repudiation problem by confirming that the intended recipient has successfully retrieved the message.

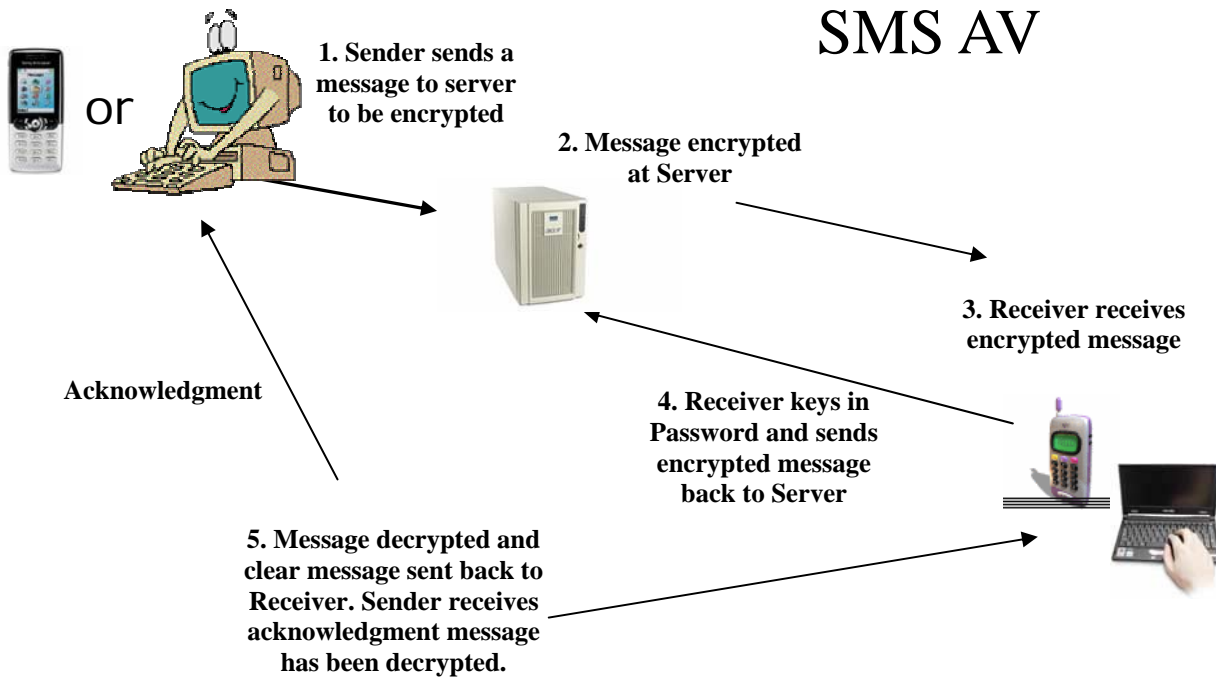


# SecureTrans™

## SAV Messaging or SMS AV



### How Does SMS AV Work:



Reference: C. N. W. Tan and T. W. Teo, "An Authenticated Short Message Service (SMS)-Based Transactions System Without SIM Modification", *Proceeding of the 2003 International Conference on Wireless Networks*,

### Benefits of SecureTrans™

SecureTrans™ provides a platform for guaranteeing that the correct consumer is receiving the information being broadcast. It assists organisations to integrate mobile based messaging to be integrated into their range of communications activities whilst enabling them to maintain their customers and information privacy. SMS AV was developed to enable organisations with confidential or sensitive information to use the ubiquity and coverage of SMS, for example stock brokers, security companies and financial institutions.

If you would like more information about Bond Wireless products services, please visit our website at

[www.bondwireless.com](http://www.bondwireless.com) or contact [info@bondwireless.com](mailto:info@bondwireless.com)

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