

## Protect Our Digital Identity

**Strong Authentication has never been more essential to fight against the rising occurrence of e-fraud. Every day, we face the serious risk of having our identity stolen.**

### STATISTICS & PREDICTIONS

- \$49.3 billion lost to identity fraud in 2006 (Javelin Strategy & Research-US)
- 12% of internet users are victims of identity theft totaling \$4.7 billion (UK NHTCU, 2006)
- 154 brands hijacked by phishers in July 2006 (APWG-US)
- War on phishing may last 20 years (itpro.co.uk)

### WHY RISKS PERSIST

- New computer vulnerabilities are detected every 2 hours
- 69% of vulnerabilities are web based
- New global phishing attacks are detected every 2 minutes
- Reactive solutions are deployed against evading hackers

## Summary of Features

Description	JANUS solution
User authentication	Continuous, Multifactor
Authentication methods	Human Factors
Message security	Stealth, one-way encrypted
Authenticating Service Provider	Full, Continuous
Phishing attack vulnerability	Very Low or Irrelevant
MITM attack vulnerability	Very Low or Mitigated
End to end security	Yes, application and user level
Transaction data validation	Independent verification
Transaction monitoring	Yes
Identity theft prevention	Effective
Duress notification	Yes, silent
Scalability	PC and Mobile phone

## Contact a Representative Today

FrontOne Limited

Level 3, the Textile Centre  
117-125 St Georges Bay Road  
Parnell  
Auckland 1052  
New Zealand

P: +64 (0)9 3090 818

F: +64 (0)9 3090 825

E: [info@FrontOne.com](mailto:info@FrontOne.com)

## Human Factor Authentication



## Get tomorrow's solution TODAY!

### It Is a Matter of Urgency

**Securing your digital property has never been more important in today's online environment, as the reputation and the survival of your business are at stake.**

### Choose Wisely – Choose JANUS

**JANUS solution is the most effective tool in mitigating the risks in online transactions. Get JANUS today and make your organization the safest on the web.**

## What is JANUS

**JANUS is our completely new and unique authentication solution. It protects identity data against theft or misdirection. By using our patented technologies that operate outside the realm of all current known forms of attack, it is immune to their effects.**

### Vertical Markets:

Financial Institutions  
Healthcare  
Government Agencies  
E-Commerce

### Applications:

Internet Banking  
Mobile Payments  
Online Transactions  
Identity Management



## Features and Benefits

- **End-to-end Security** – JANUS does more than enhance security, its technologies make phishing and Man-in-the-Middle irrelevant
- **Unparalleled Privacy** – JANUS protects user privacy by facilitating discrete and dynamic message exchanges.
- **Simple** – JANUS solution is very easy to use, implement and maintain.
- **Superior Value** – Low start up and running cost. JANUS is the most cost effective solution known today, offering a high level of security with privacy compliance.

## How is JANUS different

### SECURITY BY DESIGN

JANUS assumes the remote host is likely to be insecure, so the authentication message is dynamically generated and delivered by a stealth messenger.

### COMPLETE PRIVACY

Shared secrets between JANUS and its users are totally private. JANUS deploys stealth technology to ensure each message is securely protected by not sending it in its original form which removes the vulnerability to data sniffing or reverse engineering.

### MUTUAL AUTHENTICATION

JANUS authentication is bi-directional. This allows both the user and the organization to continuously authenticate each other thus nurturing a trusted transaction.

### CONTINUOUS VERIFICATION

JANUS manages risks by giving users partial access to each authentication which reduces potential data lost from assumed identity attacks. The ease of use processes is personalized to minimize any inconvenience.

### COMPLETE PROTECTION

JANUS has built-in tools to assure transaction integrity, and enables users to notify authorities when completing a transaction under duress without putting themselves at undue risk.

### FUTURE PROOF TECHNOLOGY

The modular design of JANUS ensures easy integration to other platforms and technologies. New communication and security methods can be added with minimal system down time.

## Why JANUS

As the complexity of technology increases, so too are the vulnerabilities and the sophistication of attacks. We are seeing spiralling numbers of data breaches and identity thefts. The financial impact of identity thefts is serious and is increasing.

While the current generation of authentication solutions have increased the barriers to some social engineering based attacks, they remain ineffective to more serious attacks such as Man-In-The-Middle. Even these small gains have come at a huge cost as many of the security measures employed erode the individual privacy by requesting more personal information more frequently. Users are struggling to cope with the constant changes and demands. JANUS offers an effective alternative.

JANUS is built with patented technologies that overcome the technical limitations of existing solutions. It focuses on user individuality, together with our dynamic, virtual message exchange mechanism. JANUS enables the most secure online authentication to be completed with no compromise on privacy. If you need more information, please contact our representative in your area or email us at: [info@FrontOne.com](mailto:info@FrontOne.com)

## Patent and Legal Notice

**This product is protected by NZ Patent 541356, NZ Patent 541711, WO 2007/011240, WO 2007/037703. Patent pending in US. EU and other countries.**

**FrontOne is the registered trade mark, the FrontOne logo, JANUS, the JANUS logo are trademarks of FrontOne Limited.**

©FrontOne Limited. 2006-2008. All rights reserved.