



## Securing Cloud apps.



Total Privacy Google apps Edition ensures complete data privacy for Google app users; encrypting all keystrokes entered into Google apps, eliminating phishing threats and increasing user confidence through visual cues; therefore proactively securing all Google apps information from zero-day attacks.

## Why BlueGem Total Privacy is Essential for Google apps

**Securing user ID - password and protecting Google apps content:** BlueGem uses a powerful encryption technology to encrypt the fundamental keystroke input element to protect not only the Google apps log-in page but also all information content entered into Google apps' mail, docs, sites, Google chat, etc.

**Essential security layer for mission critical cloud apps:** BlueGem's solution is complimentary to existing authentication solutions: whether or not a user has already adopted a multi-factor authentication technology for Google apps, BlueGem further enhances the level of security when accessing Google apps, by encrypting all login credentials. If a user however relies on a simple userID-password method, then BlueGem significantly enhances the security of the log-in credential through keystroke encryption and screen capture prevention technologies. BlueGem is an essential layer of identity protection for Google apps.

**Zero-day protection:** whether an endpoint's antivirus protection is up-to-date or not, antivirus typically lags behind new or targeted malware attacks. BlueGem's unique security technology solves this problem and provides continuous protection to the end user.

**Protecting Single Sign-On (SSO):** SSO needs to be secured with the highest possible level of security, since it provides uninhibited access to multiple mission critical applications after login. Securing SSO with BlueGem technology will significantly increase the level of security during the authentication and registration processes.

**Ease of use and deployment:** use of BlueGem Google apps security is intuitive and does not require installation or configuration on the servers in the Cloud.

## Key Highlights

**Keystroke Encryption** — Every keystroke input to the Google apps is encrypted at 128 bits, making it impossible for hackers to decipher any of the user's information, such as user ID, passwords and any web transaction activities.

**Domain-specific Protection** — Total Privacy is automatically activated only when the user is on the valid Google domain and uses strong visual cues to reinforce the validity of the domain to the user. This feature assists users to fight against phished google apps.

**Visual Cues and User Confidence** — Provides a flashing icon that synchronously flashes with every keystroke entered, providing further reassurance to the user that their confidential information is being fully protected.

**Memory and Password Encryption** — Provides an extra layer of security which safeguards password data and prevents it from being stolen by malware when on Internet Explorer.



**Screen and Video Capture Prevention** — Automatically blocks malware that can steal a user's screen images on Google apps' applications.

**Ease of Installation and Use** — The Software installation is very fast and does not require a system reboot, unlike many typical security software solutions and there is no need for complex configuration.

## BlueGem Security Advantage

BlueGem Security has already achieved 70 million downloads of its patented keystroke encryption software since it was first introduced almost 7 years ago. This software is now in use by a wide range of customers to protect login and password information, internet financial transactions and confidential data.



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### Systems Requirements for BlueGem Security Total Privacy

OS: Windows 98, 2000, XP, Vista 32 and 64 bit  
CPU: Pentium 1, AMD K5 and above  
Memory: 64 M Bytes or greater

### Browsers Clients

Internet Explorer 5.0 and above  
Firefox 2.0 and above  
Google Chrome 2.0 and above