



## SOLUTION BRIEF

# ERICOM & IGEL

## AN IDEAL COMBINATION FOR SECURING ENDPOINTS AND NETWORKS

Companies worldwide use IGEL OS, the next-generation edge OS for cloud workspaces. Developed to reduce security exposures at the endpoint, it simplifies endpoint management and control. IGEL OS offers a range of endpoint device benefits, including remote application and desktop access, a variety of local connectivity interfaces, display, and peripheral requirements. Based on Linux and structured as a modular, read-only firmware base, IGEL OS has an extremely small attack surface and a broad array of security features designed to minimize exposure and prevent attackers from infiltrating organizations through the most frequent entry point, the internet-facing network edge.

### BROWSERS REMAIN THE NUMBER ONE THREAT VECTOR



#### Endpoint attacks are on the rise

Ponemon reports that 64% of businesses experience endpoint attacks that compromise data assets or IT infrastructure, a 10% increase in just one year.



#### Anti-virus and URL filtering aren't enough

Three-fourths of attacks use unknown or zero-day malware, and anti-virus solutions miss 57% of attacks. Fileless attacks, which anti-virus can't catch, are on the rise, too. Site categorization approaches let malicious code slip in on "whitelisted" sites.



#### IT is struggling to keep up

Detection-based approaches require frequent resource-intensive patching and updates. They also yield many false positives and security alerts that burden IT and information security teams.

### LEVERAGING ERICOM SHIELD™ REMOTE BROWSER ISOLATION TOGETHER WITH IGEL OS IS THE ANSWER

Whether users browse to a malicious site from their IGEL OS-powered device, or reach one by clicking a seemingly innocuous URL embedded in a phishing email, Ericom Shield Remote Browser Isolation ensures they are safe since web content is never executed on the endpoint. Only a safe media stream representing the website is sent to the device browser, providing a secure, seamless, fully interactive user experience. For additional phishing protection, Ericom Shield can render suspicious sites in read-only mode to prevent users from entering credentials. File attachments are sanitized before they're transmitted to endpoints, ensuring that malware within downloads cannot infect IGEL OS-powered devices.



### **Ericom Shield protects against...**

- Web-borne malware and ransomware, including zero-days
- Cryptomining malware
- Drive-by downloads
- Vulnerabilities in browsers and plug-ins
- Malicious links in phishing emails
- Credential theft
- Infected website file downloads or email attachments

### **IGEL brings pre-installed security...**

- Complete “Chain of Trust”
- Modular partitions
- VNC secure mode
- USB management
- Over 90 technology integrations, like pre-installed
  - VPN solutions
  - SSO & biometric solutions
  - Keyboard encryption
  - IP-based Cryptosystem
  - And many more

## **ABOUT ERICOM**

Ericom Software provides businesses with secure access to the web and corporate applications, in the cloud and on-premises, from any device or location. Leveraging innovative isolation capabilities and multiple secure access technologies, Ericom’s solutions ensure that devices and applications are protected from cybersecurity threats, and users can connect to only the specific resources they are authorized to access. Ericom’s solutions improve cybersecurity and productivity while reducing cost and complexity for tens of thousands of businesses and millions of end-users worldwide. The company has offices in the US, UK, and EMEA, and a global network of distributors and partners.

## **ABOUT IGEL**

IGEL provides the next-gen edge OS for cloud workspaces. The company’s world-leading software products include IGEL OS™, IGEL UD Pocket™ (UDP) and IGEL Universal Management Suite™ (UMS). These solutions comprise a more secure, manageable and cost-effective endpoint management and control platform across nearly any x86 device. Easily acquired via just two feature-rich software offerings, — Workspace Edition and Enterprise Management Pack — IGEL software presents outstanding value per investment. Additionally, IGEL’s German engineered endpoint solutions deliver the industry’s best hardware warranty (5 years), software maintenance (3 years after end of life) and management functionality. IGEL enables enterprises to save vast amounts of money by extending the useful life of their existing endpoint devices while precisely controlling all devices running IGEL OS from a single dashboard interface. IGEL has offices worldwide and is represented by partners in over 50 countries.

### **Give Ericom Shield and IGEL OS a Try.**

IGEL OS, as part of the Workspace Edition, supports Ericom Shield. Your download includes 3 IGEL OS licenses and complete access to IGEL UMS, all of which are free to use for up to 90 days: [www.igel.com/download](http://www.igel.com/download)

Evaluate Ericom Shield for Secure Browsing. Register for a free trial: [www.ericom.com](http://www.ericom.com)