SentryBay ARMORED CLIENT **IGEL** | Ready

Armored Client for IGEL: Next-Generation Endpoint Security

Securing Modern Enterprises Against Emerging Threats

In today's digital landscape, enterprises face sophisticated threats that exploit vulnerabilities at the endpoint level. Traditional security measures often fall short, leaving critical assets exposed to zero-day exploits, AI-driven polymorphic malware, and unauthorized data extraction.

Leveraging advanced data obfuscation and intelligent screen capture controls, Armored Client effectively neutralizes the exploitation techniques favored by modern adversaries. The Armored Client for IGEL introduces a preventative layer of protection—closing vulnerabilities at the endpoint by proactively blocking threats from keyloggers, screen capture agents, and insider attacks. This means confidential data—user names, passwords, personally identifiable information (PII), financial records, intellectual property, and trade secrets—is safeguarded from unauthorized access. Rather than waiting to detect and respond to threats, Armored Client stops zero day attacks in their tracks by blocking keylogging and screen capture at the OS level.

Our comprehensive, device-wide protection ensures that every IGEL OS-powered endpoint—whether part of a VDI, DaaS, or SaaS session—is fortified. Designed for environments ranging from remote workstations to third-party contractor networks and privileged access workstations, Armored Client transforms your security posture from reactive to resilient.

Key Features

- **Anti-Keylogging Technology:** Substitutes actual keystrokes with randomized text to thwart keyloggers.

- **Anti Screen Capture:** Blocks unauthorized screen capture attempts, preserving data confidentiality.

- **Screen Capture Whitelisting:** Selectively permits trusted applications to capture screens while maintaining overall protection.

- **Device-Wide Protections:** Delivers a unified security layer across all IGEL OS-powered endpoints.

Key Benefits

- **Zero-Day Threat Protection:** Defends against novel attacks before vulnerabilities can be exploited.

- **AI Polymorphic Malware Defense:** Thwarts advanced malware that morphs to evade traditional detection.

- **Data Leakage Prevention:** Secures sensitive information— credentials, PII, financial records, intellectual property, and trade secrets—by preventing unauthorized screen capture data extraction.

- **Universal Coverage:** Protects every session—be it VDI, DaaS, or SaaS—ensuring consistent security across your IGEL ecosystem.

Protecting Critical Assets with Armored Client and IGEL OS

IGEL OS is a secure, read-only endpoint operating system designed for delivering cloud-based digital workspaces. Armored Client for IGEL provides an agile security solution that integrates seamlessly with your existing IGEL environment. Engineered to protect high-value deployments such as remote workstations, third-party contractor networks, and privileged access workstations, our solution delivers robust protection without compromising on performance or user experience.
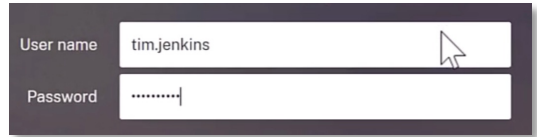
Our solution delivers real-time endpoint threat prevention through automated functions such as data obfuscation and dynamic screen capture controls. This proactive approach minimizes administrative burdens and enhances your security posture—shifting your strategy from reactive threat detection to the proactive elimination of vulnerabilities.

Organizations adopting Armored Client benefit from continuous protection against zero-day vulnerabilities and AI-driven malware. With our solution in place, businesses can confidently manage their IGEL OS-powered digital workspaces, knowing that sensitive data is shielded and compliance standards are maintained in an ever-evolving threat landscape.

Enterprise-Grade Defense that Aligns with Organizational Security Policies

Armored Client's robust design not only secures IGEL endpoints but also safeguards the data traversing them. By enforcing strict controls on data capture and leakage, the solution ensures that every interaction adheres to your organization's security policies. Optimized for use with IGEL OS, Armored Client creates a fortified barrier that integrates seamlessly with virtual desktop infrastructures, cloud-based applications, and SaaS solutions. This guarantees consistent, enterprise-grade defense across all IGEL OS-powered digital interactions—critical for organizations that demand both flexibility and uncompromising security.

Armored Client for IGEL activated and user enters credentials:

User name: tim.jenkins
Password: ••••••••••

Threat actor using keylogger malware only sees randomized keystrokes thwarting data theft attempt.

SimpleLogger
-;z/7#+bkxd   m-e9i*a.cl
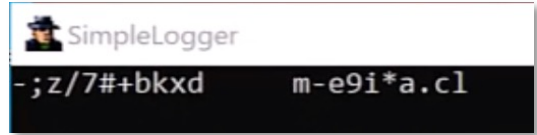
Building Resiliency while Reducing Complexity and Operational Costs

Modern organizations require security solutions that evolve as quickly as the threats they face. Armored Client for IGEL is built with this in mind—providing adaptive, real-time protection that minimizes the risk of data breaches and operational disruption. With our solution, enterprises can shift from a reactive security model to one that proactively mitigates risks before they impact business operations.

By implementing device-wide protections that address everything from keylogging to unauthorized screen capture, Armored Client for IGEL not only meets today's challenges but also lays the groundwork for a scalable, future-proof security strategy.

IGEL's Preventative Security Model™ further reduces risk by eliminating endpoint vulnerabilities that attackers often exploit. Instead of using a traditional monitor-detect-remediate approach, which requires multiple layers of security and several management tools, IGEL removes the vulnerabilities and the need for complex security agents.

The layered approach provided by Armored Client and IGEL reduces complexity and operational costs while ensuring that every endpoint remains secure.

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The Future of Endpoint Security Is Here

Armored Client for IGEL embodies our commitment to a secure digital future. It is designed for organizations that require uncompromising security without sacrificing agility. Whether managing remote workforces, integrating third-party services, or safeguarding high-privilege systems, Armored Client empowers IT teams to build a resilient digital ecosystem within the IGEL environment.

The Power of Partnership

As an IGEL Ready partner, SentryBay's Armored Client integrates smoothly with existing tools and systems using API-driven automation. IGEL OS guarantees compatibility with major enterprise browsers, Software as a Service (SaaS), Desktop as a Service (DaaS), and Virtual Desktop Infrastructure (VDI) solutions. Through this partnership, organizations become empowered to shift from a reactive endpoint threat prevention strategy to a proactive one that provides them with complete control over their digital workspace environments.

About IGEL Ready

IGEL Ready is an exclusive technology partner program designed to enable hardware, software and IT peripheral companies to develop verified, integrated solutions with IGEL products. IGEL Ready focuses primarily on identifying recommended partner products and solutions that are trusted and verified to work with IGEL OS. All products featured in IGEL Ready have completed rigorous verification testing, thereby providing our joint customers confidence in our combined solution compatibility and effectiveness.

About Armored Client

Armored Client is a next-generation security solution tailored specifically for the IGEL platform. Our technology harnesses advanced anti-keylogging and anti-screen capture measures—combined with intelligent application-specific whitelisting—to deliver unparalleled endpoint protection. Trusted by organizations seeking robust, zero-day threat defenses, Armored Client secures IGEL digital workspaces against the evolving tactics of modern cyber adversaries. Embrace a proactive security strategy and protect your IGEL assets with Armored Client.

This comprehensively positions Armored Client for IGEL as a proactive, robust, and strategic security solution—ideal for organizations looking to fortify their digital workspaces against emerging threats.

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DEFENSE BEYOND DETECTION

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