SOURCET™

Genuinely Secure Micro Operating System

Meets the security and performance demands of server and network applications.

Essential Characteristics of Genuinely Secure

Fully authenticated boot process eliminates rootkits

Secured runtime environment prohibits malware

Protected highest privilege level prevents machine compromise

Secured file system safely stores secrets

Self-protecting I/O stack resists network attacks

Defined authorization categories minimizes illegal access

Learn more at: www.secure64.com
or call: 303-242-5890

Creating security policies and deploying devices continues to be the hallmark of a secure network infrastructure. Yet the continual layering of policies and devices still leaves enterprise organizations with weaknesses that can cost millions to deploy, manage and patch over the lifetime of the network. This model calls for reactive responses to security breaches that can cost an organization more time, money and worse yet, damage to brand reputation. But what if your system security started at the foundation, bound deeply within the operating system itself, rendering it “genuinely secure”?

A Genuinely Secure Micro Operating System

The SourceT™ micro OS establishes a foundation that significantly enhances the security and performance of server and network applications. Unlike other technologies, SourceT is designed from the ground up with a secure architecture, including built-in network protections that make applications immune to compromise from rootkits, malware and network attacks.

Applications running on SourceT micro-OS are:

Immune to rootkits and malware. The system and applications are protected from compromise both on disk and at runtime.

Protected from network attacks. SourceT detects and mitigates extremely high volume denial of service and other flood attacks while allowing applications to continue to serve legitimate requests.

Able to safely store secrets. Highly sensitive information like cryptography keys can be maintained safely online without risk.

Tuned for high performance. SourceT performance factors accelerate network I/O and cryptography.

Scalable for long-term growth. Applications can process network packets at multi-gigabit speeds without resorting to custom hardware or clustered servers.

Security *with* Performance Improvements

Security processes such as encryption take an enormous amount of processing cycles that quickly degrade application performance. But not so with the SourceT micro-OS. With a streamlined I/O communication stack, and parallel processing that greatly accelerates network and cryptographic performance, enterprise applications can take advantage of the newest technologies such as 1024-bit encryption.

SECURE64™
Software Corporation