# Introducing the first BIOS-based technology for endpoint security

A new approach to securing your organization against both insider and outsider threats

Many of today's security solutions are based on operating system resources or add-on security apps that are designed to detect and block intrusions by monitoring network traffic—which may be limiting their effectiveness.
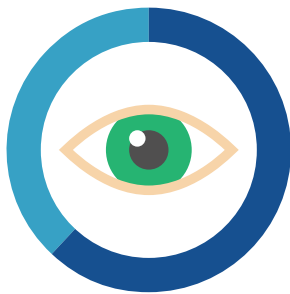
62% of business users report that they have access to company data that they probably shouldn't see.[1]

At Janus Technologies, we've turned our attention to the endpoints in today's computing environments. Our solution is designed to help protect organizations from ever-evolving threats to sensitive data and to monitor user activity on all computers inside the organization. It offers IT administrators an innovative approach to monitoring, enforcing and analyzing endpoint behavior at the BIOS level, so they can monitor user activity, encrypt data, analyze network activity and discover patterns and unusual activity.

A hardware-based focus on endpoint security

The **Janus Secure Computing Platform** is an enterprise-class solution built for today's most security-conscious industries, including government and banking. It offers protection against insider and outsider threats to sensitive data, monitoring user activity on all computers inside an organization.

There are two parts to the Janus Secure Computing Platform: The **Janus Secure Computer** is an enterprise-class computer designed to offer the highest level of security. It's powered by a unique technology invented and patented by Janus Technologies to revolutionize endpoint security—by handling security tasks in BIOS, instead of software. The **Janus Management System** gives IT administrators the tools and infrastructure to deploy, integrate and manage their Janus Secure Computers. It provisions, configures and monitors multiple Janus Secure Computers, with policy-based group management and operation scheduling.
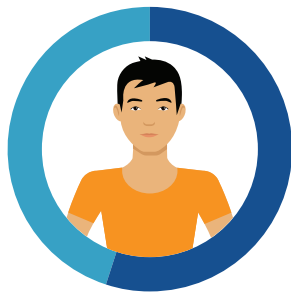

GDPR can impose fines of 20 million euros or more for failing to adequately protect customer data.[2]

Protection that meets today's most critical needs

The Janus Secure Computing Platform is specifically designed to help you tackle three of today's most urgent security problems, offering:

Protection against insider threats

- **A BIOS-based layer of security** below the operating system on the endpoint enables a virtually tamper-proof solution.
- **An intrusion detection system,** geo positioning and encryption capabilities offer a layered defense—to help ensure security and convenience.
- **BIOS-based protection** extends to peripheral devices, including external drives, mice, keyboards, monitors and hard drives.
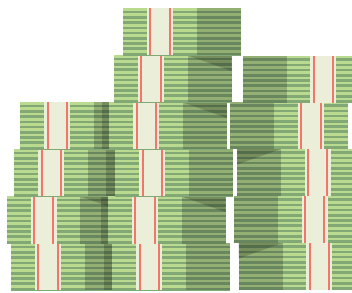
Support for meeting and exceeding compliance mandates

- **Built-in flexibility** makes it easy to adapt to specific regulatory and other security policy compliance requirements and exceptions—without impacting user productivity.
- **Configurable real time monitoring** and recording of all device and user activity offers easy access to audit trails and evidentiary reporting information.
- **Physical separation** of internal and external network connections—via dual operating systems—simulates physical isolation, enabling easier compliance-related monitoring.

Extended security for legacy platforms

- **Organizations with multiple install bases** running legacy operating systems can deploy and retain a single security platform when they upgrade to a newer system.
- **Physical separation** of internal and external network connections protects against "importing" malware via copy-and-paste operations.
- **Operating system updates** and restoration retain all user data and minimize both user downtime and IT personnel involvement.

55% of cyber attacks in 2016 were carried out by insiders.[3]

HIPAA data violations can cost offenders up to **$1.5 million.**[4]
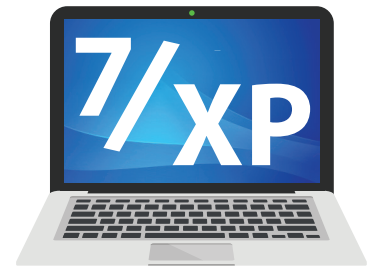
More than half of all desktops were still running Windows XP or Windows 7 as of March 2017.[5]

Let's talk

Learn more about how Janus Technologies can help secure your data in a borderless network. Visit us online at **janustech.com**. And feel free to give us a call at **408-498-9970**. We'll be happy to answer your questions or arrange for a demo or free trial.

JANUS TECHNOLOGIES

[1] Closing Security Gaps to Protect Corporate Data: A Study of US and European Organizations, Ponemon Institute, August 2016. [2] https://www.gdpreu.org/compliance/fines-and-penalties. [3] IBM X-Force Threat Intelligence Index 2017. [4] https://compliancy-group.com/hipaa-fines-directory-year/. [5]Net Marketshare © Copyright Janus Technologies 2018. All rights reserved.