GuardiCore protects critical applications from the data center to the cloud through a flexible and highly intuitive micro-segmentation solution. The GuardiCore Centra security platform gives security teams granular visibility into their application and network activity, a powerful set of micro-segmentation policy controls that tightly govern application usage, and an innovative set of integrated breach detection and response capabilities. GuardiCore’s unified security approach works seamlessly across application deployment models, operating systems, and environments, making it the ideal solution to protect today’s dynamic hybrid cloud infrastructure models. As a result, many of the world’s largest and most sophisticated organizations use GuardiCore to protect their critical application infrastructure on a global scale.

GuardiCore Centra collects detailed application and network information across both on-premises and cloud environments, visualizes the infrastructure with business context and process-level technical detail, and makes it simple for security teams to create application-aware micro-segmentation policies and detect and respond to breaches quickly.

Overview
GuardiCore’s simple and intuitive micro-segmentation capabilities will help your organization embrace the cloud and new application deployment models like containers without increasing your attack surface.

Executive Summary
The emergence of hybrid cloud infrastructure and new application deployment techniques like containers is transforming IT infrastructure in many beneficial ways, but it is also rendering legacy security products ineffective and making it more challenging for security teams to keep pace with rapid infrastructure changes. GuardiCore’s innovative micro-segmentation solution gives security teams granular infrastructure visibility and control that spans on-premises and cloud environments and any combination of physical servers, virtual servers, cloud instances, and containers. OpenShift workloads may be deployed anywhere, including private, public, hybrid and multi-cloud settings. GuardiCore centrally manages policies for OpenShift without requiring any application modification.

Statement from Partner
“Organizations of all sizes are embracing the benefits of container-based application deployment, but successful container adoption requires a unified security approach that works effectively across all application delivery models,” said Sharon Besser, vice president of products at GuardiCore. “By giving customers a consistent approach for visualizing and securing both container-based and traditional applications, GuardiCore Centra simplifies and accelerates deployment of Red Hat container solutions.”

Statement from Red Hat Connect
“Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner,” said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. “Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Sensu, Inc., resulting in the world’s largest open and commercially supportable application ecosystem.”
Product Benefits

Micro-segmentation with GuardiCore Centra gives Red Hat customers a unified security approach for both container-based and traditionally deployed applications.

- **Platform-Independent**: Apply micro-segmentation to any operating system across any combination of bare-metal servers, VMs, containers, or cloud instances.
- **Unmatched Visibility**: Process-level activity presented in context on both a real-time and historical basis.
- **Native Enforcement**: Layer 7 and Layer 4 policy controls across all operating systems and deployment models.
- **Deployment Flexibility**: Combines agentless and agent-based techniques into a DevOps-friendly model.
- **Proven at Scale**: Distributed architecture avoids bottlenecks and scales to meet the needs of large, multinational enterprises and service providers.
- **Broad Protection**: Integrated breach detection and incident response capabilities complement micro-segmentation measures.

Use Cases

- **Infrastructure Visibility**: View your complete infrastructure in detail and context on both a real-time and historical basis.

- **Micro-Segmentation**: Isolate and protect critical applications with granular, application-ware policies.

- **Breach Detection and Response**: Quickly detect, contain, and remediate security breaches through multiple complementary techniques.

Visit guardicore.com to learn more, request a demo or evaluate the solution using test drive program.

GuardiCore Centra is a Red Hat certified container and is available for customer download from the Red Hat certified container registry. [https://access.redhat.com/containers/#/product/ec1432db5da2aeca](https://access.redhat.com/containers/#/product/ec1432db5da2aeca)