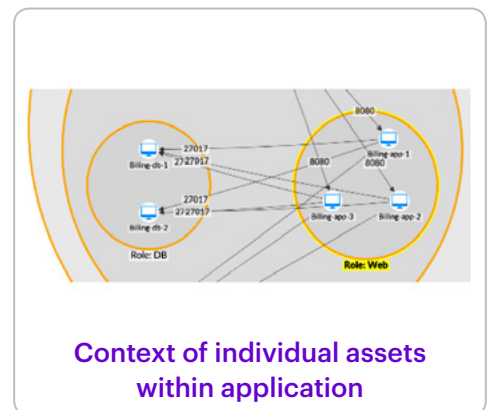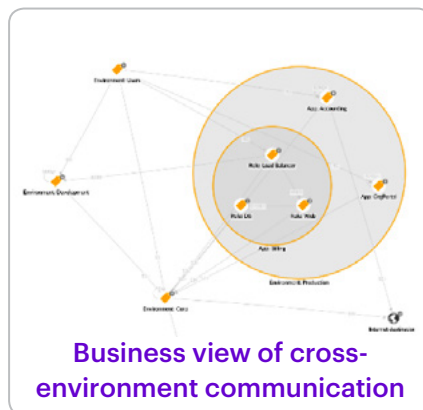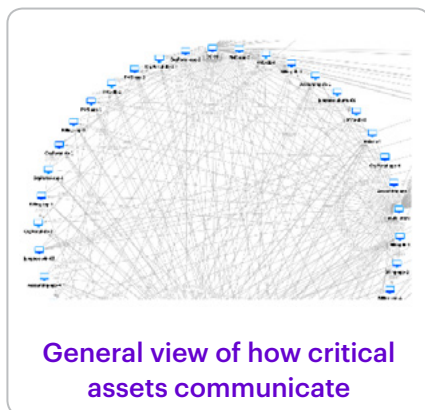# Guardicore

Guardicore offers a simpler, faster way to guarantee persistent and consistent security for any application, in any IT environment

Guardicore is a cloud and data center security company that protects your organization's core assets using flexible, quickly-deployed, and easy to understand segmentation and micro-segmentation controls.

It Starts with the Map

Complete, context-rich visibility into your traffic wherever it is, mapping communications in the cloud, PaaS, on-premises, and between these environments, using a single pane of glass. This visibility allows you to see both the 'Big Picture' and also drill down to granular detail. Easily identify segments, group views and list dependencies between applications based on real-time data rather than assumptions.

General view of how critical assets communicate

Business view of cross-environment communication

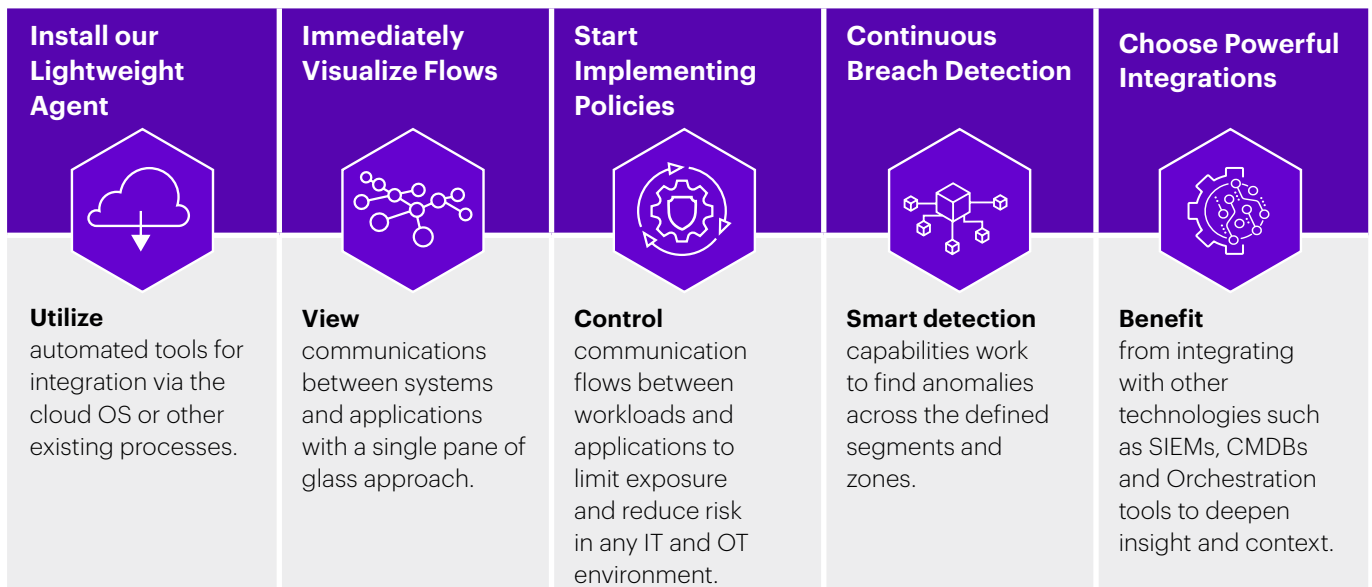**Context of individual assets within application**

Flexible Policy that Follows the Workload

A single infrastructure-agnostic tool manages your policy across all your environments, applied anywhere. As each policy is attached to the workloads, when you migrate application, the policy goes with it. We provide an overlay segmentation solution which means no heavy lifting on infrastructure teams and no need to make changes to the network. Zero downtime, zero application changes, and simple integration into DevOps and your CI/CD frameworks to ensure continuous robust policies with no gaps.

Section	Source	Destination	Dst. Ports	Action	Ruleset	Created by	Comments	Created
Allow	Production Accounting Web — java	Production Accounting DB — mongod	27017 TCP	Allow	Production...nting	yonatan.golan	No comment	2019-02-17 20:00
Allow	Production Accounting Load Balancer — nginx	Production Accounting Web — java	8080 TCP	Allow	Production...nting	yonatan.golan	No comment	2019-02-17 20:00
Allow	Users +1 — Any	Production Accounting Load Balancer — nginx	80 TCP	Allow	Production...nting	yonatan.golan	No comment	2019-02-17 20:00
Block	* Any — Any	Production Accounting — Any	Any TCP| UDP	Block And Alert	Production...nting	yonatan.golan	Created by micr...	2019-02-17 20:00

How Does it Work?

Centra uses a lightweight agent overlay approach, so that customers can benefit from strong policy enforcement for flows (L4), users and even for processes (L7), without compromising on performance. Here's how it works:

Install our Lightweight Agent	Immediately Visualize Flows	Start Implementing Policies	Continuous Breach Detection	Choose Powerful Integrations
Utilize automated tools for integration via the cloud OS or other existing processes.	**View** communications between systems and applications with a single pane of glass approach.	**Control** communication flows between workloads and applications to limit exposure and reduce risk in any IT and OT environment.	**Smart detection** capabilities work to find anomalies across the defined segments and zones.	**Benefit** from integrating with other technologies such as SIEMs, CMDBs and Orchestration tools to deepen insight and context.

Our solution provides a simpler, faster way to provide persistent and consistent security — for any application, in any IT environment. A comprehensive approach to hybrid cloud security, Guardicore is the proven choice for customers looking to expand their protection without increasing overhead.

Key Benefits:

Any Environment
A single platform for IaaS, PaaS, on-premises, VMs, legacy and bare-metal servers.

Multiple Use Cases
Compliance, network discovery, cloud migration, securing critical assets, data protection, risk reduction and more.

Quick to Value
Flexible policy creation that includes automated suggestions, black-lists, white-lists and custom rules.

Complementary Controls
Breach detection and incident response goes further than micro-segmentation alone.

Proven solution
Our customers span verticals such as finance, healthcare, retail, manufacturing and online service providers.

Guardicore