



“Guardicore has provided us with the fastest and most elegant path to application segmentation, while delivering the added benefit of breach detection for lateral traffic.”

IT Security Leader at Regional Bank



INDUSTRY

- ◆ Financial Services



MAIN USE CASES

- ◆ Preventing Lateral Movement
- ◆ Application Ringfencing
- ◆ Secure Hybrid Cloud Adoption
- ◆ Faster Innovation



FEATURES USED

- ◆ Visibility
- ◆ Application Dependency Mapping
- ◆ Segmentation Policies
- ◆ Threat Detection and Response

Regional Bank Selects Guardicore to Segment Critical Business Applications and Extend Security to Hybrid Cloud



The Customer A Midwestern Regional Bank

A large regional bank is responsible for protecting assets at more than 30 locations across the Midwestern United States. Like all financial institutions, it is also subject to the significant compliance requirements of that industry.

The Challenge Secure Business Critical Applications

Banks process and store a significant amount of financial and personally identifying information. Bad actors often target banks' environments, seeking to exfiltrate data.

A too-flat network can put both security and compliance at risk. Recognizing this risk, the bank's IT security team undertook a project to secure ten of the organization's critical applications. Their ultimate goals were to reduce the existing attack surface and prevent lateral movement in the event an IT asset was compromised.

Additionally, the bank had a secondary objective: limiting the access of service providers and other third-parties to only what was necessary for their respective functions.

The team decided that the best approach would be to ringfence the bank's applications with granular segmentation. This would significantly reduce the impact of a future breach on both business continuity and brand reputation. It would also give them tight control over application access.

Moreover, with cloud adoption on the horizon and a plan to migrate several applications into Microsoft Azure, any solution the organization selected had to be cloud-ready.

Selecting a Solution A Struggle with Legacy Firewall Complexity

The bank initially attempted to ringfence applications with VLANs and legacy firewalls. However, the project had trouble getting off the ground. Coordinating the high number of required network changes across the organization was slow going. Adding to the challenge, visibility across the environment was frustratingly limited. This made project scoping and planning difficult.

Since traditional approaches resulted in such slow progress, the bank began to evaluate other solutions. When the IT team came across the Guardicore Centra Security Platform, they were intrigued by the level of visibility they saw in the proof of concept. They were also impressed by the ease with which the small team of four security administrators could manage policy creation and enforcement without the need for separate solutions. Moreover, Centra aligned with the bank's future strategy and would give the organization both visibility and the ability to enforce segmentation policies in their new hybrid cloud environment.

After only two days, the decision-makers in the bank's infrastructure and IT security teams came to a consensus: Guardicore's technology offered the fastest, most straightforward path to micro-segmentation.

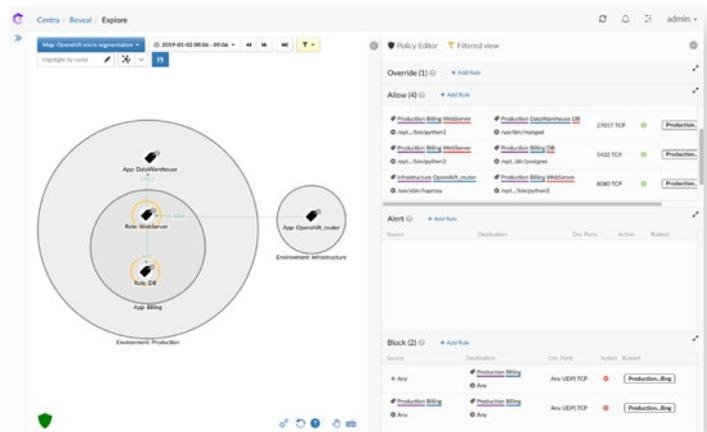
The Guardicore Centra Security Platform Simplifying and Accelerating Segmentation

Before partnering with Guardicore, the bank expected to spend an enormous sum on both an infrastructure refresh and traditional firewalling costs for the segmentation project.

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Visit www.guardicore.com today.**

The original timeline had high resource costs associated with it and was expected to take an estimated 18 months to complete. With Centra, a single architect working with Guardicore Services was able to complete the project in only two months.

As soon as Centra was deployed, the bank's teams immediately gained the east-west traffic visibility they had lacked before. This clarity enabled them to map and understand application dependencies in their environment. Now the bank could quickly ringfence the original ten business-critical applications in scope and restrict third-party access to their environment.



Additionally, the newly acquired visibility provided the ability to securely and seamlessly migrate applications to the cloud of their choice, while detecting possible threats across the new environment.

The bank integrated Centra into its DevOps cycle, so any change to applications could immediately be reflected in the relevant policy. This process no longer requires any heavy lifting in the infrastructure to enforce the correct security controls, no matter where workloads reside.

About Guardicore

Guardicore is an innovator in data center and cloud security that protects your organization's core assets using flexible, quickly deployed, and easy to understand micro-segmentation controls. Our solutions provide a simpler, faster way to guarantee persistent and consistent security for any application, in any IT environment. www.guardicore.com