

VeriMarc for Cloud & Container Environments



Cryptographic Image Verification From Runtime to Deployment

INTEGRATION CAPABILITIES

VeriMarc integrates seamlessly into cloud and container workflows with minimal overhead. Deploy our binary on the host or bake it directly into container images for serverless environments. Compatible with AWS, GCP, Azure, and standard orchestration platforms including Kubernetes, Docker, and cloud runners, enabling rapid deployment across diverse cloud architectures.

TECHNICAL ADVANTAGES

VeriMarc's proprietary cryptographic attestation protocol operates efficiently in containerized environments without impacting application performance. Our lightweight implementation provides continuous runtime verification with minimal resource overhead, delivering enterprise-grade security to cloud deployments while maintaining the speed and flexibility that modern DevOps demands.

SECURING PRODUCTION AT SCALE

VeriMarc is built to scale effortlessly across any environment, from a single container to thousands of workloads spanning hybrid and multi-cloud infrastructures. Whether running serverless functions, orchestration platforms, or mixed deployments, it maintains real-time attestation and protection against image tampering, supply chain risks, and malicious code across the entire DevOps lifecycle.

VERIMARC PROVER FOR CONTAINERS

VeriMarc's Prover provides cryptographic proof of container image integrity that effortlessly scales across cloud deployments. Our implementation continuously monitors container runtime environments, instantly detecting unauthorized modifications to images and executables that traditional security tools miss, ensuring cloud workloads remain uncompromised.

VISIBILITY INTO PREVIOUSLY UNSEEN ATTACKS

Our attestation protocol reveals container-level compromises invisible to conventional security measures. By cryptographically verifying runtime memory and image integrity, VeriMarc exposes attacks on container images, orchestration layers, and execution environments. This protects workloads from supply chain tampering, malicious image injection, and runtime modifications.

LIGHTWEIGHT SECURITY FOR CLOUD WORKLOADS

Our proprietary attestation protocol runs efficiently on cloud compute instances and container runtimes without compromising performance. VeriMarc delivers robust cryptographic verification of container images and runtime integrity, making enterprise-grade security accessible across all cloud deployment models—from edge computing to hyperscale infrastructure.