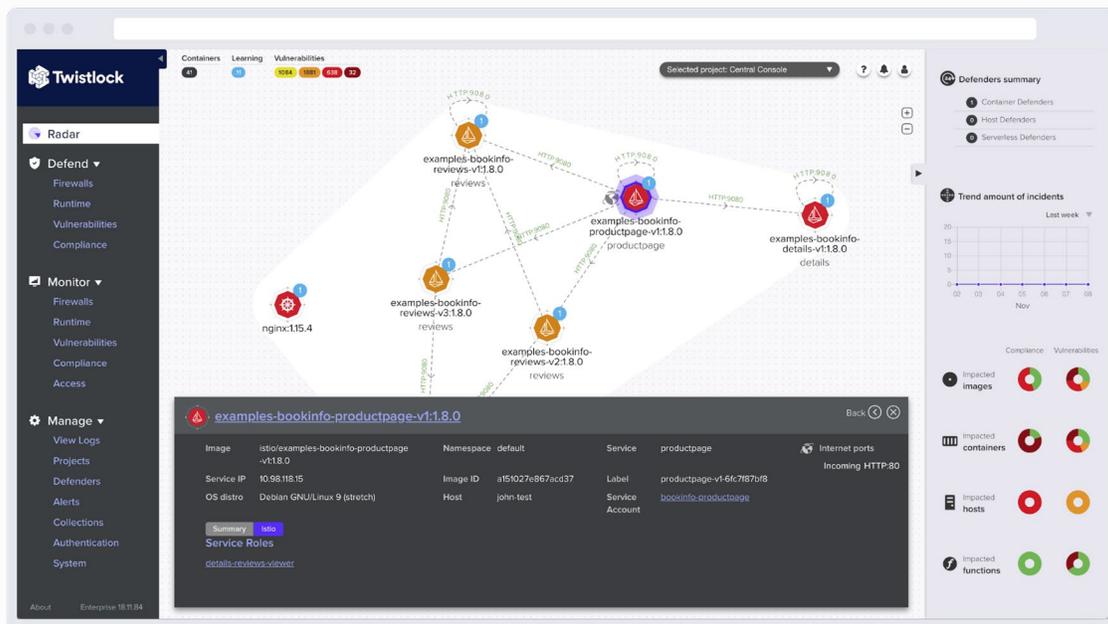# Twistlock

Twistlock 18.11 Data Sheet

Twistlock is the cloud native cybersecurity platform for modern applications.

From precise, actionable vulnerability management to automatically-deployed runtime protection and firewalls, Twistlock protects applications across the development lifecycle and into production. Purpose-built for containers, serverless, and other leading technologies — Twistlock gives developers the speed they want, and CISOs the controls they need.

Twistlock 18.11 is the 15th major release of the Twistlock Platform. The latest release features Cloud Platform Compliance, support for Pivotal Application Service (PAS) on PCF, integration with Istio, updates to our Serverless and Fargate Defenders, and our new Radar view.
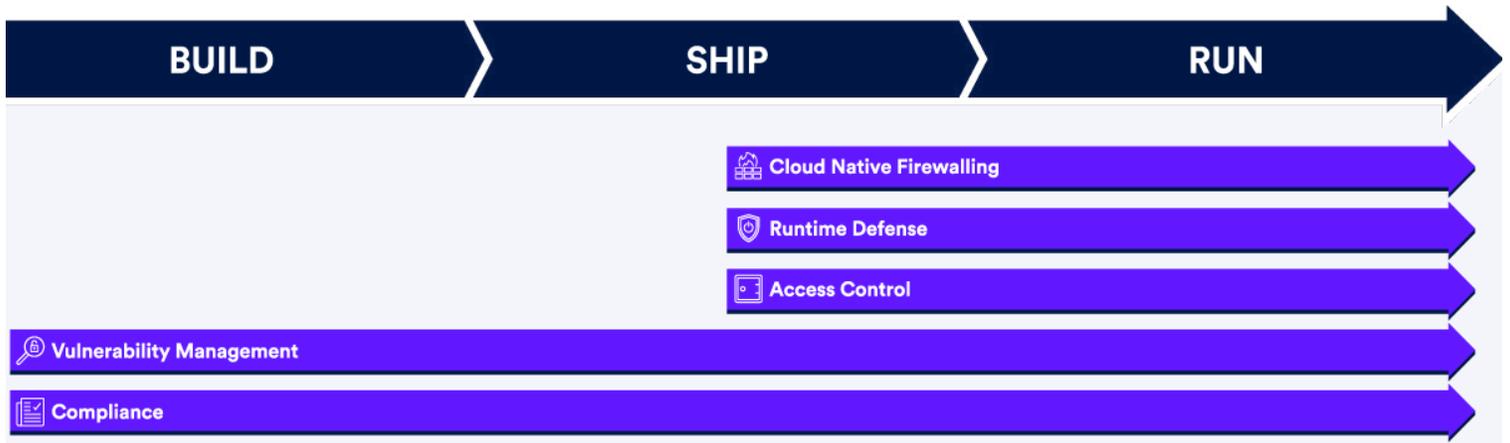
Benefits

Automated

Advanced threat intelligence and machine learning capabilities deliver automated policy creation, runtime protection, and firewalling. As soon as code is built and deployed, Twistlock automatically acts based on your compliance state.

Integrated

From CI/CD, to SIEM, to access control and secrets management, Twistlock integrates with the tools your developers use to deliver software and the tools your security teams already leverage for protection — the necessary combination of speed and visibility for today's enterprises.

Scalable

Twistlock runs in any environment, be it bare metal, public cloud, or anything in between. Twistlock supports all leading cloud providers and operating systems. Built for the world's leading enterprises — Twistlock is engineered to automatically scale up and down as your environment and applications do.

BUILD	SHIP	RUN

- Cloud Native Firewalling
- Runtime Defense
- Access Control
- Vulnerability Management
- Compliance

Key Features

Runtime Defense

From network and application firewalls, to container runtime defense, to host protection — Twistlock is the only security tool you need to defend your cloud native environment against vulnerabilities and active threats.

- Machine-learning powered runtime protection secures your entire environment: Network, File system, Processes and System calls

- Twistlock Incident Explorer with cloud native forensics leverages machine intelligence to automatically identify attack patterns in your environment and display them in a clear, well-formatted UI for a more comprehensive, autonomous, and actionable approach to incident response

- The Twistlock Intelligence Stream sources and aggregates vulnerability information directly from 30+ upstream projects, commercial sources, and proprietary research from Twistlock Labs

Vulnerability Management

Twistlock provides vulnerability management capabilities across the container lifecycle — from the CI process to registries to production servers. Detection and blocking across the OS layer, application framework and custom packages.

- Scanning at the CI process, at the registry, and in production environments

- Vulnerability prevention via granular policy controls

- Per-layer vulnerability analysis pinpoints vulnerability data at each image layer

- Continually monitor and correlate risk to your specific environment with Vulnerability Explorer

Cloud Native Firewalls

Twistlock Cloud Native Firewalls learn the network topology of your applications and provide application-tailored microsegmentation for all your microservices — protecting your containers from modern threats.

- Twistlock Radar provides an automatic, real-time visio of all your containers with a topology of their connections between microservices and rich data overlays to surface vulnerability and compliance status.

- Cloud Native Application Firewall (CNAF): Layer 7 firewall protecting against SQL injection, Cross-site scripting (XSS), Malformed requests, Cross-site request forgery, Clickjacking, Shellshock exploitation and more

- Cloud Native Network Firewall (CNNF): Layer 3 firewall automatically models all the traffic flows between all your microservices so teams can view and enforce safe traffic flows while automatically blocking anomalies without requiring manual rule creation and management

- Istio integration automatically detects Istio connections and traffic flows in Radar, with ability to report and quarantine entities based on the network metadata, observed behavioral anomalies, and Istio-specific compliance checks from Twistlock Labs

CI/CD

Twistlock is fully integrated into your build and deploy pipeline. Automated as well as custom policies can block builds or deployments based on vulnerability intelligence or internal or external compliance regimes.

- Twistlock Jenkins plugin integrates vulnerability and compliance directly into the build

- Standalone Twistlock command line interface (twistcli) integrates with any other existing tools or workflows

- Set specific vulnerability and compliance thresholds for full control over your build and deploy process

Compliance

Achieve and enforce compliance throughout the entire application lifecycle with Twistlock.

Pre-built compliance templates for HIPAA, PCI, GDPR, and NIST SP 800-190

Built-in checks for the Docker, Kubernetes, and Linux CIS Benchmarks

Add custom compliance checks via OpenSCAP, XCCDF, and Bash scripts

Cloud Platform Compliance automatically identifies all your cloud native infrastructure to alert you to rogue services and easily see what's protected — initial support includes AWS, GCP, and Azure

Granular policy controls prevent unauthorized images from progressing through the pipeline

Compliance Explorer provides a single view of all policies in your environment, the current compliance state, and historical compliance data

Access Control

Twistlock access control allows you to define and enforce fine-grained policies governing user access to Docker and Kubernetes resources — ensuring that the right personnel have access to the proper capabilities they need with the ability to monitor activity across your infrastructure.

Integrations with Active Directory, OpenLDAP, and SAML

Secrets management integration with AWS System Manager Parameter Store, AWS Secrets Manager, Azure Key Vault, CyberArk Enterprise Password Vault, and HashiCorp Vault

About Twistlock

Trusted by 25% of the Fortune 100, Twistlock is the most complete, automated, and scalable cloud native cybersecurity platform. From precise, actionable vulnerability management to automatically deployed runtime protection and firewalls, Twistlock protects applications across the development lifecycle and into production. Purpose built for containers, serverless, and other leading technologies, Twistlock gives developers the speed they want, and CISOs the control they need. For more information, please visit www.twistlock.com.

Learn More

www.twistlock.com

Twistlock

Contact Us

contact@twistlock.com

Portland

411 NW Park Ave
Portland, OR 97209