EVOLVEN

CONFIGURATION RISK INTELLIGENCE

A Single Pane of Glass to Mitigate the Risk to Security, Compliance, and Stability in Your Hybrid Cloud.

Security, Compliance, and Stability Risks.

Misconfigurations, unauthorized changes, drift, certificate outages, and configuration vulnerabilities are common configuration and change risks that organizations face. The impact of a misconfiguration can be devastating to business outcomes, customer experience, brand reputation, and regulatory compliance.

Configuration Risk Intelligence.

Evolven's Configuration Risk Intelligence platform offers a unified risk-based view of configurations and changes across the end-to-end hybrid cloud, empowering IT teams to proactively safeguard their enterprise.
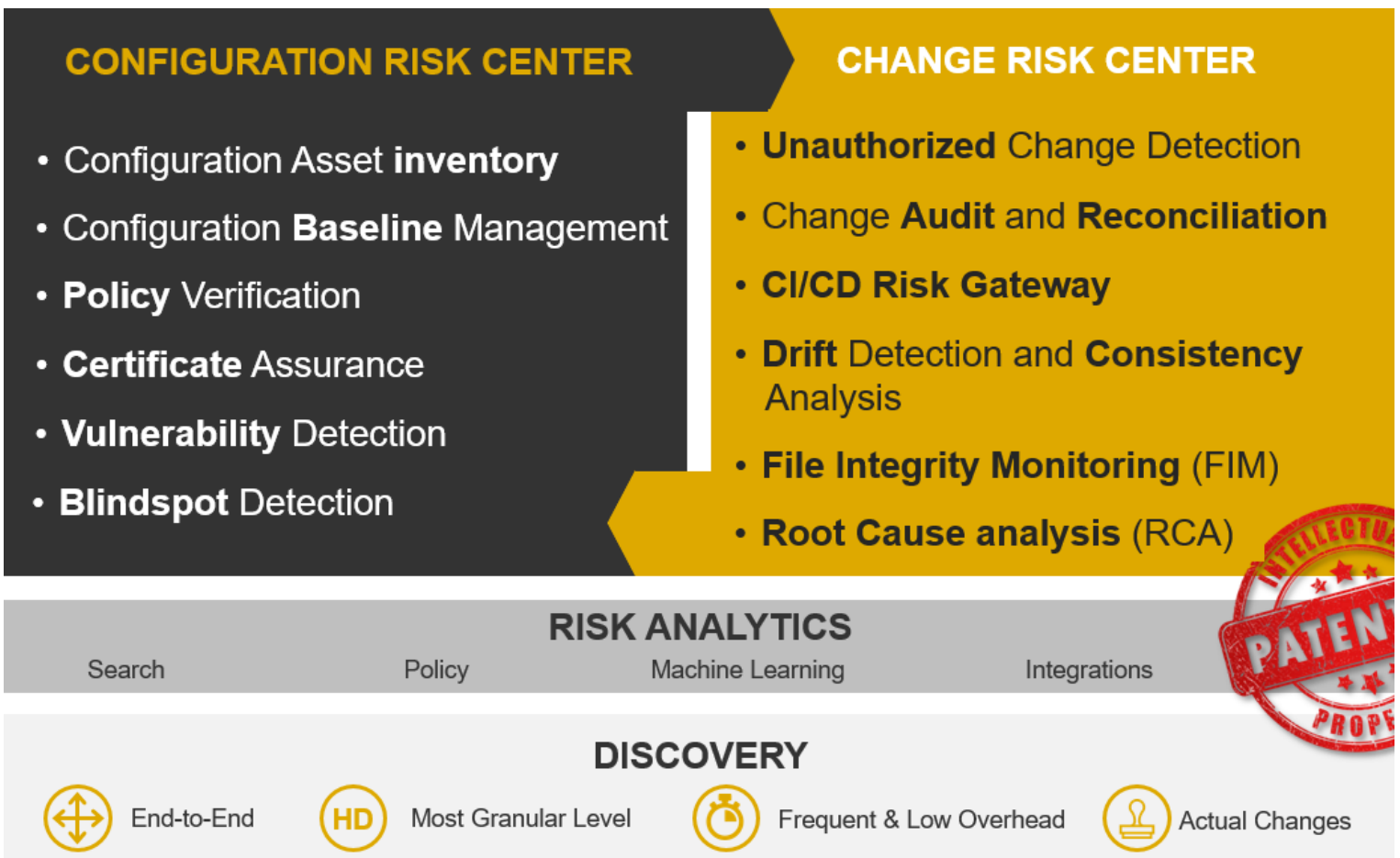
Evolven utilizes comprehensive and granular configuration data analysis with patented AI-based analytics to quickly detect potential misconfigurations and risky changes, thus reducing the risk of costly security breaches, regulatory non-compliance, and downtime.

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A 360-degree View of Configuration Risk.

Evolven's capabilities are built upon two foundational layers: **Discovery** and **Risk Analytics.**

End-to-End Discovery – unlike any other discovery technology in the market, Evolven out-of-the-box collects **granular** configuration across the **end-to-end** hybrid, multi-cloud environment. Evolven's Discovery **frequently** monitors for changes with **extremely low overhead**. With Evolven, configurations include application artifacts, configuration files, database schemas, master data, OS kernel, network routing tables, firewall rules, Kubernetes platform parameters, Docker images, and much more.

Powerful Analytics - the patented AI-based **Risk Analytics** engine provides valuable insights into the configuration and change data collected by the discovery process, highlighting potential misconfigurations and risky changes. In addition, the Analytics layer includes powerful and flexible **Search and Policy engines**.

CONFIGURATION RISK CENTER

- Configuration Asset **inventory**
- Configuration **Baseline** Management
- **Policy** Verification
- **Certificate** Assurance
- **Vulnerability** Detection
- **Blindspot** Detection

CHANGE RISK CENTER

- **Unauthorized** Change Detection
- Change **Audit** and **Reconciliation**
- **CI/CD Risk Gateway**
- **Drift** Detection and **Consistency** Analysis
- **File Integrity Monitoring** (FIM)
- **Root Cause analysis** (RCA)

RISK ANALYTICS

Search   Policy   Machine Learning   Integrations

DISCOVERY

End-to-End   **HD** Most Granular Level   Frequent & Low Overhead   Actual Changes

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Evolven's capabilities are structured around a Configuration Risk Center and a Change Risk Center, designed to mitigate a wide range of critical configuration and change risks.

The Evolven **Configuration Risk Center:**

- **Configuration Asset Inventory** – a single source of truth through automated discovery, analysis, categorization, prioritization, and search capabilities for global hybrid IT assets and their detailed extensive configuration.

- **Configuration Baseline Management** – automatically captures the certified configuration state of a component, host, or application as a baseline and uses it to verify the configurations in your environment.

- **Policy Verification** - continuously scan, detect, and report on deviations from user-defined out-of-the box configuration policies.

- **Certificate Assurance** - discover all certificate types, and alert owners prior to expiration.

- **Vulnerability Detection** – detect, verify, and report on vulnerable technology components and configurations (e.g. Common Vulnerabilities and Exposures - CVE .

- **Blindspot Detection** – detect and report on assets not covered by the required security and monitoring tools.

The Evolven **Change Risk Center** focuses on change-related risks:

- **Unauthorized Change Detection** - detect and report any changes that were executed without approval.

- **Change Audit and Reconciliation** - automatically reconcile actual changes with the approved change tickets, CI/CD pipeline deployments, automated infrastructure deployments, and more.

- **CI/CD Risk Gateway** - estimate risks of configuration and code changes going through the CI/CD pipelines.

- **Drift Detection and Consistency Analysis** – detect and analyze consistency across comparable servers and across Prod, pre-Prod, and DR environments.

- **File Integrity Monitoring (FIM)** – detect, report, and prioritize changes made to the target files and their configuration parameters based on associated risk.

- **Root Cause Analysis** (RCA) - correlate actual changes with alerts and incidents and analyze those changes to identify the root cause.

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The Evolven **Difference.**

Evolven is the only tool on the market that focuses on configuration risk, and highlights actionable risks, empowering customers to proactively mitigate the risk of security breaches, regulatory non-compliance, and downtime.

(1) **Configuration + Changes**
Evolven offers a comprehensive view of your current configuration state, its history, and the changes that have occurred over time.

(2) **Hybrid Cloud End-to-End**
Evolven delivers an unparalleled frequent, granular, low-overhead discovery and monitoring of the entire hybrid cloud environment, including Kubernetes, public and private cloud, and legacy environments in on-premise data centers.

(3) **Cross Silos**
Evolven mitigate configuration and change risk across the Development, Operations, and Security silos.

(4) **Risk Analytics**
Evolven's patented machine learning analytics offer advanced insights into potential misconfiguration and change risks. Evolven alerts you on risk that can compromise your systems' security, compliance, and stability.

Leaders Rely on Evolven.

Evolven is a trusted solution for leading organizations, assisting them in safeguarding their hybrid cloud environments and mitigating the risk of costly security breaches, regulatory violations, and downtime.