ACALVIO

Autonomous Deception Platform for Advanced Threat Detection

FLEXIBLE DEPLOYMENT. FROM THE CLOUD. FOR BOTH CLOUD AND ON-PREM WORKLOADS.

FEATURES:

- **AI-Driven** Autonomous Deception Capability
- **Flexible** deployment:
  — From Google Cloud Platform (GCP)
  — For workloads in public clouds (GCP, AWS, Azure) and/or on-premises.
- **Comprehensive solution** full gamut of deception: Decoys, Lures, Baits, Honey-tokens, Breadcrumbs— at low, medium and high interaction levels.
- **Cloud-specific Decoys**:
  — **Infrastructure Decoys** – Decoys, Breadcrumbs, Lures and Baits
  — **Service Decoys** - Cloud storage, Cloud databases
  — **Application Decoys** – Containers, Micro-services, Kubernetes Clusters

Seminal Inventions:

Deception Farms
  — Physically consolidates deceptions in a central farm
  — Logically projects them across distributed Enterprise Network
  — Supports hybrid and multi-cloud deployments

Fluid Deception
  — Just-in-time decoy creation
  — Decoy interaction level dynamically varies to match the attack

- **Deception Playbooks** – Completely autonomous deployment and management of Deception across the Enterprise Network
- **Comprehensive API support** for all capabilities that facilitates DevSecOps
- **Support** for IT, OT and IoT
- **Integration** with Security Ecosystem (CSCC, SIEM, EDR, Firewall, NAC, SOAR, etc.)
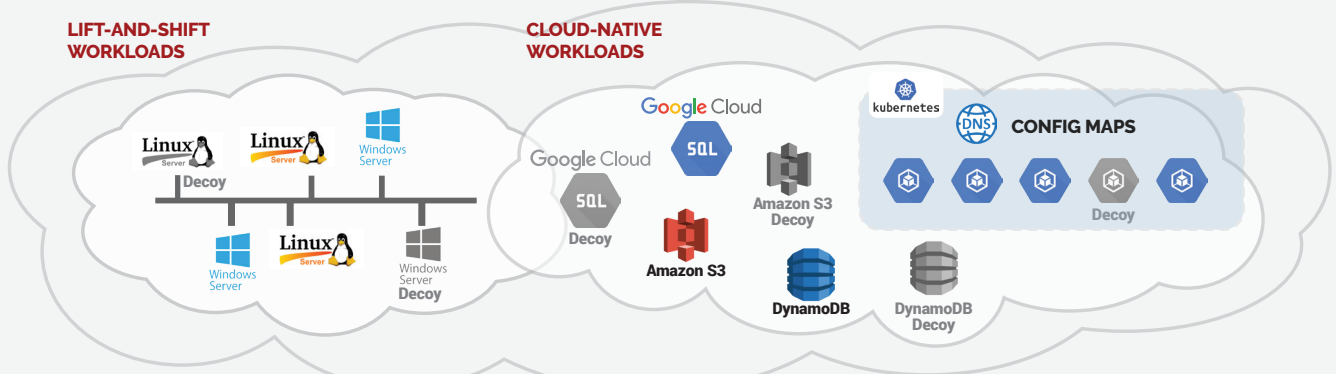- **Available from a range of channels:** Direct, Reseller, MSSP, MDR

BENEFITS:

Scale - Built for Enterprise-Scale : both vertical (1000's of decoys) and horizontal (geographically distributed, hybrid and multi-cloud networks)

Ease of Use - Minimal IT overhead, Autonomous by Design, Comprehensive Threat Intelligence

Effective - Extensive deception palette and always appropriate deception enables detection of malicious activity with Precision and Speed
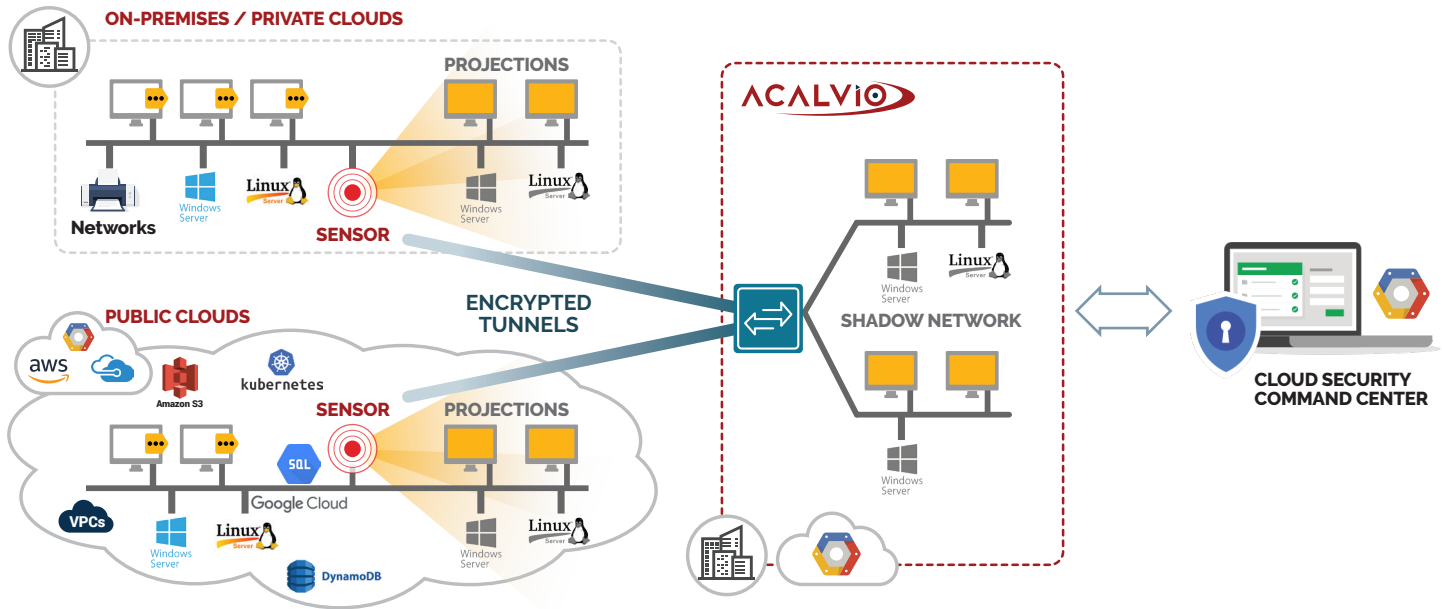
> "ShadowPlex represents a very significant architectural advancement in the deception marketplace. Variable interaction deceptions, combined with its cloud deployment options, makes for greater efficacy and cost effectiveness, and makes ShadowPlex a best-in-class distributed deception platform."
>
> —**Golan Ben Oni**
> **CIO, IDT Telecom**

ShadowPlex: Award-winning AUTONOMOUS DECEPTION PLATFORM

LIFT-AND-SHIFT WORKLOADS

CLOUD-NATIVE WORKLOADS

SHADOWPLEX CLOUD ARCHITECTURE

ON-PREMISES / PRIVATE CLOUDS

Networks | Windows Server | Linux Server | **SENSOR** | **PROJECTIONS** | Windows Server | Linux Server

ENCRYPTED TUNNELS

PUBLIC CLOUDS

aws | Amazon S3 | kubernetes | **SENSOR** | **PROJECTIONS** | SQL | VPCs | Windows Server | Linux Server | Google Cloud | DynamoDB | Windows Server | Linux Server

SHADOW NETWORK — Windows Server | Linux Server

CLOUD SECURITY COMMAND CENTER
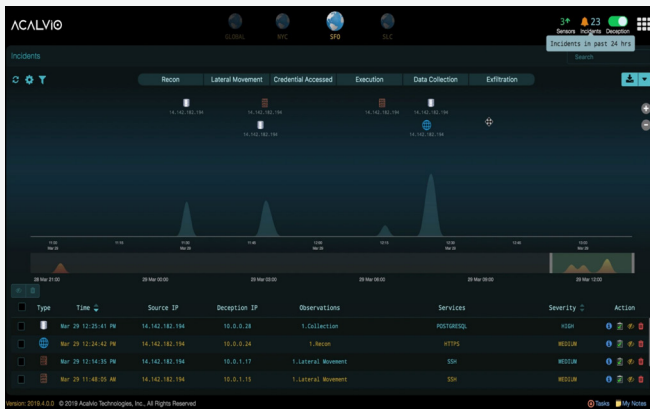

"Acalvio is the first to offer a unified platform for public, private, and hybrid cloud deception. ShadowPlex Cloud represents a new benchmark in deception technology ease of deployment, detection efficacy, scalability, user experience and API support."

—**Jack Poller, Senior Analyst at Enterprise Strategy Group**

INTUITIVE UI / UX

CATEGORY LEADER

Completeness of Deception — Deception 1.0 — Deception 2.0 — Brand X — Brand Y — ACALVIO — Scale

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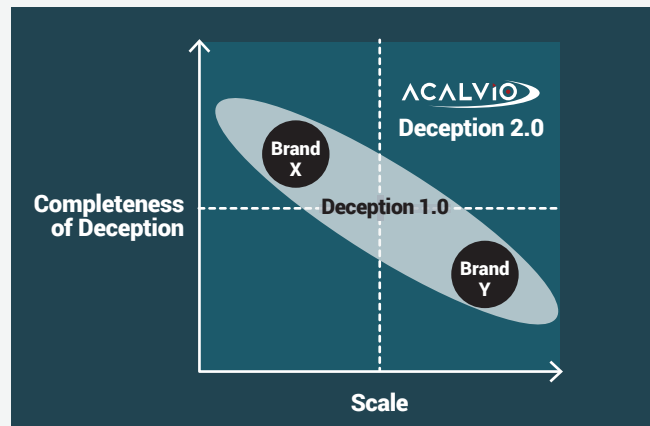
Acalvio provides Advanced Threat Defense solutions to detect, engage and respond to malicious activity inside the perimeter. Acalvio's Autonomous Deception Platform, ShadowPlex is anchored on patented innovations in Dynamic Deception, Software Defined Networking and Data Science. ShadowPlex enables a DevOps approach to deploying enterprise-scale pervasive deception with low IT administrative overhead. ShadowPlex delivers comprehensive threat intelligence by integrating with other 'best in class' solutions in the security industry, enabling customers to benefit from defense in depth; lower false positives; and derive actionable intelligence for remediation.

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WWW.ACALVIO.COM

INFO@ACALVIO.COM

@ACALVIOTECH

ACALVIO-TECHNOLOGIES