AssetUno

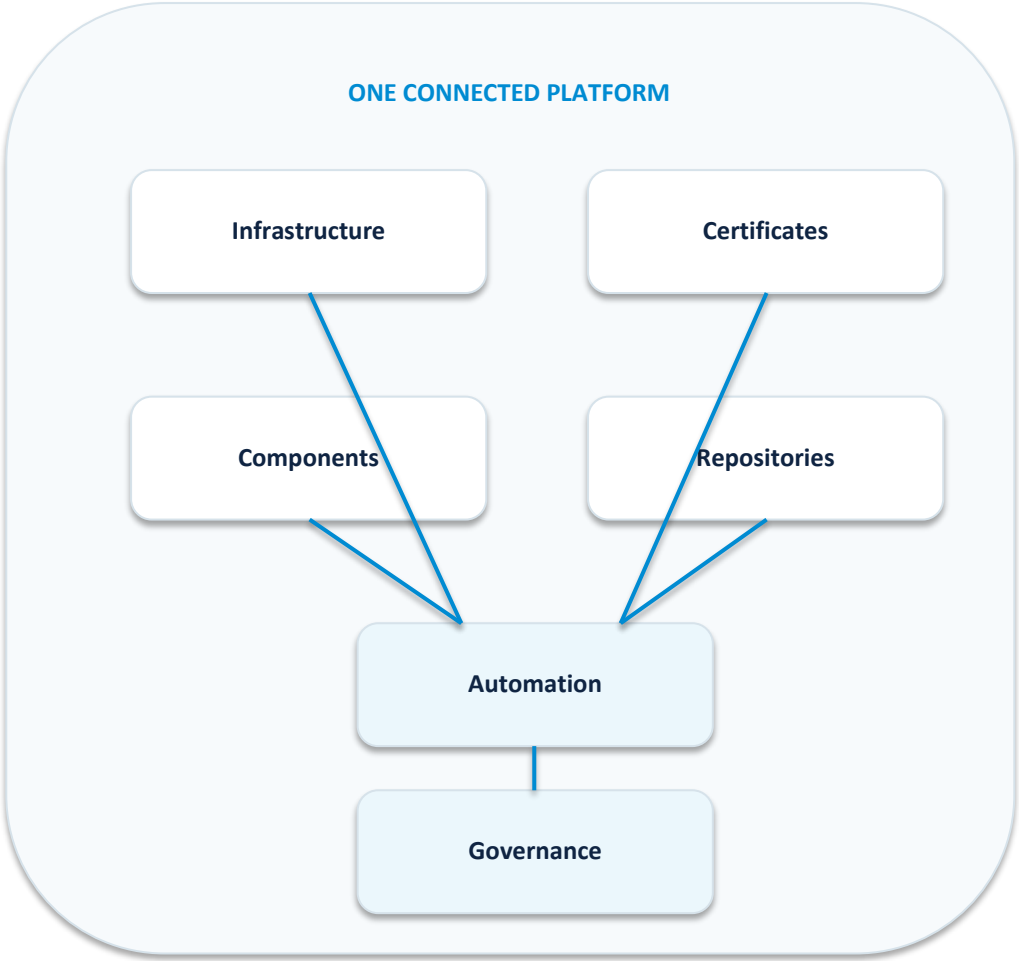
AssetUno Digital Asset Intelligence & Automation Platform

Enterprise Discovery, Automation & Governance

Discover. Understand. Automate. Govern.

A unified platform for infrastructure discovery, certificate lifecycle automation, software component intelligence and governance.

Discovery | Automation | Intelligence | Governance



Know what you run. Know what it costs. Know where to act.

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The enterprise blind spots behind operational risk

Critical digital assets are often distributed across teams, tools and infrastructure.

Certificate outages

Expiry, ownership and deployment gaps can interrupt business services.

Manual operations

Renewal and remediation work still depends on tickets, spreadsheets and people.

Hidden components

DLLs, packages and dependencies remain buried inside applications.

Repository sprawl

Artifact sources sit outside a consistent trust and governance model.

Unknown infrastructure

Large hybrid estates make host type, ownership and service context difficult to maintain.

License exposure

Commercial software components and fonts may lack clear entitlement mapping.

AssetUno connects these disconnected signals and turns them into governed action.

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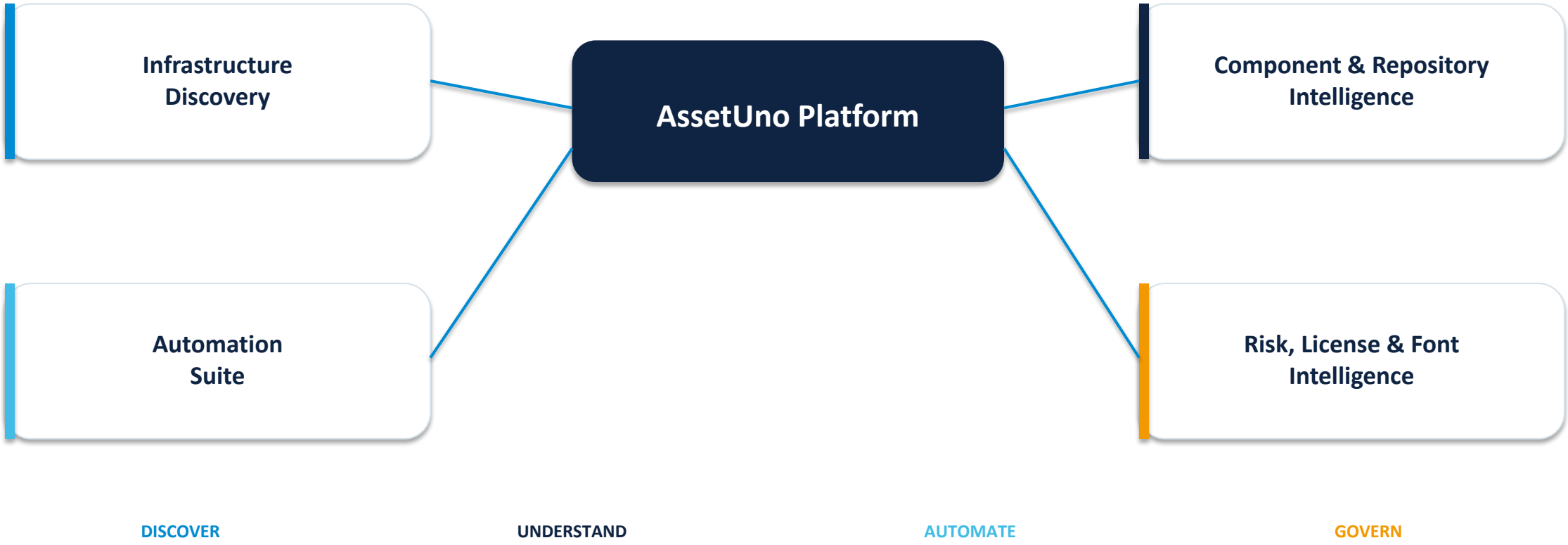
What is AssetUno?

AssetUno combines discovery, intelligence and automation instead of treating them as separate operational silos.



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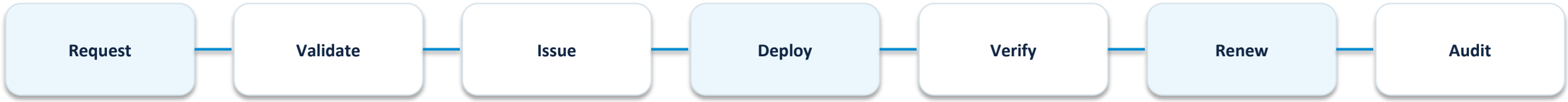
Automation Suite Overview

Certificate lifecycle automation from request through deployment, renewal and audit.



CA Provider Integration

Certificate order and issuance workflows through configured certificate authorities.

DNS Validation

DNS-based validation through configured providers and controlled workflow steps.

Deployment Targets

Controlled deployment to supported server and keystore-oriented targets.

Renewal & Tasks

Expiry awareness, renewal actions, task lifecycle and operational follow-up.

Verification

Track deployment result and preserve evidence of the operational outcome.

Audit Visibility

Lifecycle history for operational review, traceability and governance.

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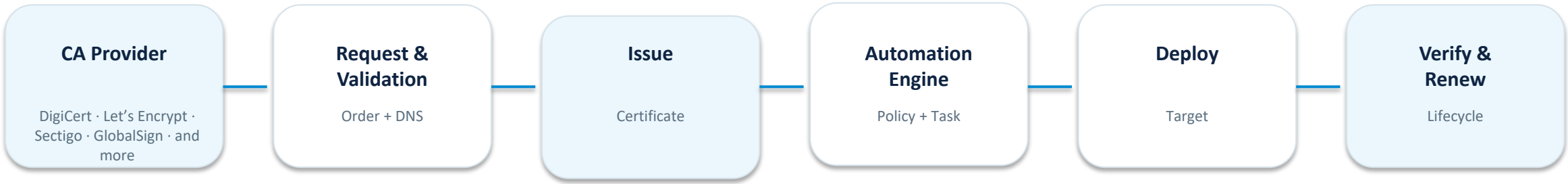
Certificate Automation in Action

How AssetUno orchestrates certificate issuance, validation, deployment and lifecycle operations.



Windows / IIS

Certificate store and IIS-oriented deployment workflows.

Linux / Web

Linux, Apache/Nginx-style target workflows.

Java / JKS

Java keystore-oriented certificate deployment.

PKCS12 / Other

Supported keystore and target-specific deployment paths.

Outcome: controlled certificate lifecycle with task status, verification, renewal and audit history.

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Infrastructure & Cloud Discovery

Discover across network, server, cloud and Kubernetes environments from one target model.

Network Discovery

Known targets
Network segments
IP ranges
External endpoints
Reachable services

Server Discovery

Windows
Linux / Unix
Web / TLS
Credential-assisted classification
Service context

Cloud Discovery

Microsoft Azure
AWS
Cloud resource targets
Hybrid environment context

Kubernetes

AKS clusters
Anthos
Kubernetes environments
Cluster-oriented discovery

The same discovery model supports traditional data center estates and modern cloud-native infrastructure.

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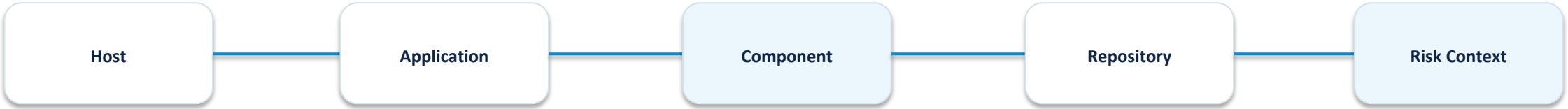
Component Intelligence

Understand software beyond installed-product inventory by correlating binaries, packages, applications and where-used relationships.



Binary & DLL Evidence

Identify software evidence that traditional application inventory may not expose.

Package & Dependency Metadata

Normalize package and dependency evidence across supported ecosystems.

Where-Used Relationships

Connect components to applications, hosts and repository sources.

Evidence-Driven Review

Use source confidence, trust and ownership context to support decisions.

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Artifact Repository Intelligence

Connect repository evidence to software components, source trust and operational context.

JFrog Artifactory

Nexus Repository

GitHub Packages / GHCR

GitLab Registry

Harbor

Azure Artifacts

Provider coverage

- Connection and credential model
- Repository/package discovery
- Component reconciliation
- Repository trust context

Operational model

- Background synchronization
- Progress and status visibility
- Controlled cancellation
- Evidence persistence and history

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Font Intelligence

Discover enterprise and commercial fonts, then connect technical evidence with usage and licensing context.

Discover

Installed / file-based font evidence

Identify

Family, version, publisher

Correlate

Device, application, usage

Evaluate

Commercial / unknown license context

Govern

Contract, entitlement, review

Asset Inventory

Fonts remain a first-class asset type in AssetUno, with technical discovery and inventory visibility.

License Intelligence

License, contract and entitlement evaluation is handled through the shared License Intelligence layer.

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Risk & License Intelligence

Turn inventory and component evidence into reviewable governance signals.

Risk Intelligence

Risk scoring
Repository trust
Ownership gaps
Review and prioritization

License Intelligence

MIT / Apache-2.0 / GPL / LGPL
Commercial / Unknown
License conflict signals
Contract / entitlement mapping

Vulnerability Context

CVE / vulnerability enrichment
Component risk context
Evidence-driven prioritization
Remediation support

A shared intelligence layer allows components, repositories and fonts to be evaluated with consistent governance context.

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Enterprise Integrations & Security

Integrate AssetUno with enterprise identity, PAM/secret platforms and external systems without mixing these concerns into automation workflows.

Identity Providers

Local Users
Generic LDAP
Microsoft Active Directory
Okta / Keycloak
OIDC / SAML
Microsoft Entra ID

Credential Providers

Local Credential Store
CyberArk PAM
Delinea Secret Server
BeyondTrust Password Safe
HashiCorp Vault
Generic REST Secret Provider

Public API

Service accounts
Controlled API tokens
External system integration
API-based automation and data exchange

Audit & Protection

Audit Log
Provider test history
Access traceability
Secret redaction
Controlled scope

Raw secret values are never displayed and are never written to the audit log.

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Platform Architecture

A layered model connects discovery, intelligence, automation and enterprise control.

Experience Layer	Dashboard | Targets | Automation | Components | Fonts | Risk & Governance
Automation & Intelligence	Certificate Automation | Component Reconcile | Repository Intelligence | Risk & License Intelligence
Discovery Layer	Network / IP Range | Windows / Linux | Azure / AWS | AKS / Anthos | TLS / HTTP
Integration & Security	Identity Providers | Credential Providers / PAM | Public API | Secret Protection | Audit
Evidence & Control	Asset Evidence | Relationships | Tasks | Lifecycle History | Governance Context

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Why AssetUno?

One connected operating model instead of separate tools for discovery, certificate operations and digital asset intelligence.

One Inventory

Infrastructure, certificates, components, repositories and fonts in a connected evidence model.

One Automation Engine

Certificate lifecycle operations move from manual coordination toward controlled workflows.

One Intelligence Layer

Technical evidence, relationships, trust, vulnerability and license context are correlated.

One Governance View

Prioritize what needs action, review or ownership with traceable operational context.

Discover. Understand. Automate. Govern.

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Start with a controlled Discovery & Automation Assessment

Use a focused scope to demonstrate operational value and define the right rollout path.

1

Scope

Select certificate, infrastructure, component, repository, font and license focus areas.

2

Connect

Configure controlled access, credentials and enterprise/provider integrations.

3

Discover

Collect evidence from selected data center, cloud and repository environments.

4

Automate

Map high-value certificate findings to lifecycle and operational workflows.

5

Review

Prioritize next actions, governance needs and rollout options.

Immediate operational value first. Broader governance and rollout second.

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Contact

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