

Matilda Discover

See everything you're moving, before you move it.

4 weeks, typically, from setup to reports*

Matilda Discover automatically discovers and assesses your data center, cloud and Kubernetes environments, then turns what it finds into a data-driven plan for migration and modernization. It is agentless and read-only, with reports typically ready in about four weeks.*

Where Discover fits

Matilda Discover is its own offering and part of the Matilda Cloud platform. Rapid Assessment answers why to move and what it would cost. Discover answers how: it profiles your applications in depth, maps their dependencies and groups them into migration waves, so you can plan each move based on how your environment runs today.

40+ enterprise services and databases discovered in depth

4 target clouds assessed: AWS, Azure, Google Cloud and Oracle Cloud Infrastructure (OCI)

0 agents installed on your servers†

Migrations fail on what you don't know

Most migration plans start with an incomplete picture: CMDBs that are out of date, dependencies that live only in people's heads, and sizing based on what servers were provisioned for rather than what they actually use. The results are stalled waves, surprise outages and cloud bills that come in higher than planned.

Matilda Discover replaces guesswork with a complete, current view of every workload, how it performs and what it depends on, so you can decide what to move, how to move it and in what order.

From discovery to a migration plan

01

Discover

A lightweight agentless collector in your network connects securely to servers, databases, cloud accounts and clusters, and builds a complete inventory.

02

Map

Matilda profiles services, utilization and network traffic to map dependencies and group servers into applications, the natural unit of migration.

03

Assess

Automated assessment workflows evaluate every asset for cloud readiness, migration strategy, right-sizing, end-of-support risk and total cost of ownership.

04

Plan

Applications are prioritized and sequenced into migration waves, with executive-ready reports to align stakeholders.

What you gain

- **Lower cloud costs.** Right-size before you migrate and avoid paying for capacity you don't use.
- **Less migration risk.** Uncover hidden dependencies and end-of-support software before they cause outages.
- **Faster planning.** Replace months of spreadsheets and interviews with automated discovery and assessment.
- **Stakeholder confidence.** Share a single, data-backed plan across IT, finance and leadership.

*Typical engagement: one week for setup and prerequisites, two weeks of discovery and utilization data capture, and one week to run assessments and produce reports. Timing varies with estate size, access readiness and the collection window you choose.

†Kubernetes discovery is agentless by default. An optional in-cluster agent adds network traffic data.

Key capabilities

Agentless discovery across your full estate	One discovery engine for everything you run, correlated into a single view: Data center: Windows, Linux and UNIX (AIX, Solaris, HP-UX) on VMware, Hyper-V and physical servers, including legacy operating systems. Public cloud: AWS, Microsoft Azure, Google Cloud and OCI accounts. Kubernetes: Managed (EKS, AKS, GKE, OKE) and self-managed clusters, including OpenShift, Rancher, Tanzu and Anthos.† Storage: NetApp ONTAP clusters, volumes and replication.
Deep service and database discovery	Go beyond server inventory. Matilda identifies the applications, middleware and databases running on each host, including Oracle, SQL Server, DB2, WebLogic, JBoss, Tomcat, Kafka, IBM MQ, Redis, Docker and more, and captures versions, configurations, ports and runtime details.
Dependency mapping and AI-powered application grouping‡	AI maps server-to-server and application-to-application dependencies, groups related servers and cloud resources into applications and waves, and prices each application against its target cloud. Shared infrastructure such as DNS, Active Directory and monitoring is separated automatically. Explore it all in an interactive dependency view.
Utilization and performance profiling	Collect CPU, memory, storage, network and IOPS data over a two-week window by default, at a sampling interval you choose. Extend or adjust the window at any time to capture peak periods, and keep the data already collected.
Automated migration and modernization assessment	Migration strategy: A recommended strategy for every server, service and application, based on the 6 Rs migration framework. Right-sizing: Target instance, shape and storage recommendations based on performance and configuration metrics. TCO: Current-state versus target-cloud cost comparison. Risk: Operating system and software end-of-support analysis. Wave planning: Migration priority and complexity scoring, sequenced into waves by dependency and risk.
Discovery that stays current	Keep your inventory and CMDB refreshed against live conditions. Re-run discovery for selected hosts or data types without repeating setup, so inventory and assessment data stay accurate through the program and after migration.

What you get

Reports your teams and executives can act on. Ask questions of your data in plain language with the built-in AI assistant.

Inventory report (XLSX)	Servers, operating systems, hardware, storage, network, services and port communication
Assessment report (XLSX)	Migration strategy, right-sizing, TCO, end-of-support risk, application grouping, dependencies and waves
Executive summary (PPT, PDF)	Current and proposed state, costs and recommendations for decision-makers
Application reports	Per-application workbooks and executive summaries

Secure by design

- **Agentless, read-only collection** over SSH, WinRM and JDBC. No changes to your systems.
- **Outbound-only connectivity** over HTTPS (port 443). No inbound firewall ports.
- **SOC 2 Type II** attested for security, availability and confidentiality, covering the Matilda Cloud SaaS platform.
- **Never collects** passwords, API keys, tokens, secrets or private keys.
- **Deploy as SaaS or fully customer-hosted**, including air-gapped environments.
- **ISO/IEC 27001:2022** certified information security management system.
- **All communication encrypted** with TLS 1.2 or higher.



See your environment clearly.

Start your Matilda Discover assessment today.

[Request an assessment →](#)

†AI-powered application grouping is available in SaaS deployments.