ADMS

ABSOLUTE AUTONOMY · PRODUCT MANUAL

ADMS Discovery Edition

Absolute Development Management System

Inventory the computer, projects and storage used for development.

PART 1
Workflow Description

PART 2
Use Manual

PART 3
Tutorial

PART 4
Technical Specifications

Edition 0.1.0 · 26 November 2026
Built from source commit 4010a31 with uncommitted changes
This manual is rebuilt from the product every time the product changes.

Contents

Introduction 3

About this manual 3

What ADMS Discovery Edition is 3

What ADMS Discovery Edition covers 3

Part 1 · Workflow Description 4

Discovery workflow 5

Part 2 · Use Manual 6

ADMS Discovery Edition 7

Discovery 7

Reports and help 7

Screens: Discovery 7

Screens: Reports and help 8

Screens: Web workspace 9

Glossary 10

Keyboard shortcuts 11

Part 3 · Tutorial 12

Lesson 1: Prepare a workstation discovery report 13

Part 4 · Technical Specifications 15

Discovery architecture and decisions 16

Build and edition record 18

Components 18

Dependencies 18

Quality gates 19

About this manual

This is the product manual for **Absolute Development Management System** (ADMS Discovery Edition), version 0.1.0, built on 26 November 2026. It is written for Developers and workstation operators.

It has four parts. **Part 1, Workflow Description**, explains how work moves through ADMS Discovery Edition from start to finish. **Part 2, Use Manual**, describes every screen and what each control does. **Part 3, Tutorial**, walks through complete tasks one step at a time. **Part 4, Technical Specifications**, records how the product is built, what it depends on and how it is checked.

> **A living document.** The screen descriptions, steps, glossary and shortcuts in this manual come from the same help registry that drives the in-app help, and the technical tables are read from the product's own project files. The manual is rebuilt whenever any of them change, so it always describes the version printed on its cover: 0.1.0. Built from source commit 4010a31 with uncommitted changes.

What ADMS Discovery Edition is

ADMS Discovery Edition collects local Windows inventory, reads Git evidence from selected project roots and inspects approved storage. It exports a report to support development planning.

What ADMS Discovery Edition covers

ADMS Discovery Edition has 15 screens with a guide, grouped in 3 areas. Each area is a chapter of the Use Manual.

AREA	SCREENS	EXAMPLES
Discovery	6	Computer, Build tools & AI, Projects, Duplicate candidates, …
Reports and help	3	Help & availability, Help centre, User Guide
Web workspace	6	Computer, Tools, Projects, Duplicates, …

01

Workflow Description

How work moves through ADMS Discovery Edition: who does what, in which order, and what the product records along the way.

Discovery workflow

Discovery workflow

The workstation operator selects the computer, project roots and storage locations to inspect. ADMS gathers local evidence and records any errors alongside successful observations. The operator reviews candidate copies and runs a write probe only when authorised. Export JSON and Markdown for review. When comparing workstations, keep their reports separate and verify that the shared storage paths refer to the same location.

02

Use Manual

Every ADMS Discovery Edition screen: what it is for and how to use it, in the words of the in-app help.

ADMS Discovery Edition

Discovery

Reports and help

Screens: Discovery

Screens: Reports and help

Screens: Web workspace

Glossary

Keyboard shortcuts

ADMS Discovery Edition

Discovery

Start with the computer inventory. It records hardware, mapped drives, installed software and available tool evidence for the signed-in Windows session. Project scans are read-only and report candidate duplicates. Inspect storage before authorising a write test. A storage probe measures access to the chosen directory under your own account.

Reports and help

Export the JSON and companion Markdown to a directory you control. Review both before sharing. Help offers searchable screen guides, definitions and shortcuts. User Guide opens the packaged flipbook, with a PDF available from the same screen.

Screens: Discovery

Computer

`/computer`

Collect hardware, software and network evidence for this Windows session.

1. Select Discover this computer to start inventory.
2. Review Category, Evidence and Error / limitation. If SMB access is denied, use Storage to inspect a path you can access.
3. Select Export JSON + report to save the results, or Cancel operation to stop a running inventory.

Build tools & AI

`/tools`

Check which development tools ADMS detected and what evidence supports each result.

1. Select Discover this computer to refresh the tool inventory.
2. Open Build tools & AI and check Location and Version / evidence.
3. Check Launch interface before attempting to use a tool. If an item wasn't detected, verify its installation separately.

Projects

`/projects`

Find projects and inspect their Git status within a directory you select.

1. Enter the root or select Browse root.
2. Set Maximum depth and select Scan projects.
3. Review each project and its branch, commit and working tree. Export the report for additional evidence.

Duplicate candidates

`/duplicates`

Compare candidate project copies using source samples and Git history.

1. Scan both project locations from Projects.
2. Open Duplicate candidates and read the evidence for each pair.
3. Compare the working trees and histories before deciding whether they represent the same project.

Storage

`/storage`

Inspect a selected directory or test its ability to store and lock a temporary file.

1. Enter a local or UNC path, or select Browse storage.
2. Select Inspect read-only and review the result under Computer.
3. For a writable test location, select Test write and locking and review the consent dialog before proceeding.

Activity

`/activity`

Review progress and failures from the current discovery session.

1. Start discovery, a project scan or a storage inspection.
2. Open Activity to see the latest actions and paths visited.
3. If a path fails, verify your access or select a different root and run the operation again.

Screens: Reports and help

Help & availability

`/availability`

Review the scope and limitations of the discovery edition.

1. Open Help & availability to see what this edition supports.
2. Select Help to search for a task or glossary term.
3. Select User Guide for the offline manual and PDF.

Help centre

`/help-centre`

Find instructions and definitions across all ADMS screens.

1. Enter a word such as fingerprint in Search help.
2. Expand a matching topic and select Open page to return to it.
3. Open the full user manual for the workflow, tutorial and technical specification.

User Guide

`/adms-user-guide`

Read the packaged ADMS manual without a network connection.

1. Select User Guide to open the flipbook inside ADMS.
2. Use Contents or search to find a topic. Use the arrow keys to turn pages.
3. Select Open PDF to read the same edition in your PDF viewer.

Screens: Web workspace

Computer

`/web-computer`

Review the workstation, software, disks, and storage inspection results.

1. Choose JSON report and select an export from ADMS Discovery Edition.
2. Expand a record to inspect its evidence and error fields.
3. Enter a category such as Disks in Filter this section.

Tools

`/web-tools`

Review versions and locations observed by ADMS.

1. Open a discovery report and select Tools.
2. Search for Git or a tool version.
3. Expand the matching entry to see its path and launch evidence.

Projects

`/web-projects`

Inspect project metadata and Git working tree evidence.

1. Open a discovery report and select Projects.
2. Search for a path, branch or technology.
3. Expand a project to inspect its commit, working tree and discovery errors.

Duplicates `/web-duplicates`

Review the paths and evidence for candidate project copies.

1. Open a discovery report and select Duplicates.
2. Expand a candidate pair to compare the two paths.
3. Review the evidence before deciding whether they are copies.

Notes `/web-notes`

Review the constraints that apply to this discovery report.

1. Open a discovery report and select Notes.
2. Read where the report's scan and evidence are limited.
3. Close report when you finish to clear it from this tab.

User Guide `/web-user-guide`

Read the packaged guide and save a PDF for use offline.

1. Select User Guide from the top bar.
2. Use the reader controls to find a topic or turn pages.
3. Select Download PDF to retain an offline copy.

Glossary

Discovery report. A JSON export from ADMS Discovery Edition containing evidence observed on one Windows workstation.

Fingerprint. A hash of a bounded source sample used to identify candidate copies.

Storage probe. A temporary-file operation that verifies write, locking and readback.

UNC path. A Windows network path beginning with two backslashes, followed by the server and share.

Working tree. The local Git files, including edits and untracked files.

Keyboard shortcuts

KEYS	WHAT IT DOES
F1	Open help at the current topic
?	Expand the visible screen guide outside text entry
Esc	Close the Help centre

03

Tutorial

Complete, real tasks in ADMS Discovery Edition, one step at a time. Each lesson uses the same steps the in-app guides show.

Lesson 1: Prepare a workstation discovery report

Lesson 1: Prepare a workstation discovery report

WHAT YOU WILL DO
Collect and review evidence from one workstation.

WHO DOES THIS
A developer or workstation operator

BEFORE YOU START
Choose a project fixture or authorised root and a storage directory you can access.

Stage 1: Computer

`/computer`

Collect hardware, software and network evidence for this Windows session.

1. Select Discover this computer to start inventory.
2. Review Category, Evidence and Error / limitation. If SMB access is denied, use Storage to inspect a path you can access.
3. Select Export JSON + report to save the results, or Cancel operation to stop a running inventory.

Stage 2: Build tools & AI

`/tools`

Check which development tools ADMS detected and what evidence supports each result.

4. Select Discover this computer to refresh the tool inventory.
5. Open Build tools & AI and check Location and Version / evidence.
6. Check Launch interface before attempting to use a tool. If an item wasn't detected, verify its installation separately.

Stage 3: Projects

`/projects`

Find projects and inspect their Git status within a directory you select.

7. Enter the root or select Browse root.
8. Set Maximum depth and select Scan projects.
9. Review each project and its branch, commit and working tree. Export the report for additional evidence.

Stage 4: Duplicate candidates

`/duplicates`

Compare candidate project copies using source samples and Git history.

10. Scan both project locations from Projects.
11. Open Duplicate candidates and read the evidence for each pair.

12. Compare the working trees and histories before deciding whether they represent the same project.

Stage 5: Storage

`/storage`

Inspect a selected directory or test its ability to store and lock a temporary file.

13. Enter a local or UNC path, or select Browse storage.
14. Select Inspect read-only and review the result under Computer.
15. For a writable test location, select Test write and locking and review the consent dialog before proceeding.

> **You have finished when** A JSON report and a companion Markdown report for review.

04

Technical Specifications

How ADMS Discovery Edition is built, what it depends on, how it is configured and how its quality is checked.

Discovery architecture and decisions

Build and edition record

Components

Dependencies

Quality gates

Discovery architecture and decisions

ADMS uses one existing solution with a WPF desktop, an independent C# core, a console diagnostics client and an executable regression suite. The desktop exposes an MVVM report model. No coordinator or remote task service is deployed by discovery edition.

Toolchain

Project-local SDK: `.tools/dotnet/dotnet.exe`, version 10.0.404; runtime 10.0.15. `global.json` pins the SDK. Existing system SDK 8.0.428 is preserved. Microsoft lists .NET 10 as LTS through 2028-11-14; Windows support depends on OS edition and servicing status. The current host reports Windows 11 Home Single Language, build 26300. This build alone does not prove a supported servicing channel or clean-OS compatibility. Windows 10 Home/Pro is not designated supported merely because the binaries can run there.

References checked 2026-11-26:

- https://dotnet.microsoft.com/en-us/platform/support/policy
- https://learn.microsoft.com/en-us/dotnet/core/install/windows
- https://learn.microsoft.com/en-us/dotnet/standard/data/sqlite/custom-versions

Inventory and cancellation

Application-owned constant PowerShell queries use CIM, SMB and registry interfaces under the current user. Each child process has a 25-second deadline and cancellation kills its process tree. Output is bounded while streams are drained. Selected storage paths are encoded as data, never interpolated as executable expressions. No credentials are copied and no network ranges are scanned. Software is inspected through uninstall registry keys, PATH, supported local paths and executable version resources. Detection does not execute arbitrary PATH tools or project scripts. CLI launch interfaces are explicitly unverified outside the read-only Git adapter.

The project walker limits depth, directory count and files per directory. Reparse points, dependency folders, build products, system folders and agent caches are skipped. Git status disables optional locks, filesystem monitors and hooks; no fetch, commit, checkout or remote contact occurs. Source fingerprints are bounded samples (up to 1,000 source files, depth three, individual size 1 MB); shared Git commits are limited to the most recent 100. These are candidate signals only. Reads cannot provide a transactionally consistent snapshot of an externally edited working tree. Synchronous Windows filesystem operations may still wait for SMB kernel timeouts; this is an unresolved limitation for scanning network roots.

Local state and reporting

SQLite resides only in local application data, with UNC and mapped-network database paths refused. Microsoft.Data.Sqlite.Core uses the OS-maintained winsqlite3 provider; the original vulnerable bundled native dependency was removed rather than suppressing package audit. Device identity and selected paths/theme are DPAPI protected for the current Windows user. Identity is stable for that Windows user on that installation, not a hardware serial identifier shared by every Windows account. Reports redact common secret assignments, URI credentials, URL query strings and the current user's home path. Reports still contain machine names and project details and require human review before sharing. There is no claim of universal secret detection or encrypted report storage.

Storage and installation

Storage inspection defaults to read-only. The explicit optional consent creates exactly one GUID-named temporary probe, checks exclusive locking, flush/close/reopen/readback and removes it in a finally block. Forced process termination can leave that probe; it never recursively deletes storage. Mapped provider UNC is recorded where available. DFS target identity and physical disconnect/reconnect remain unverified.

Both installer formats target per-user locations and include self-contained x64 binaries. Configuration is outside the install tree and is preserved. Agent and coordinator components are unavailable; discovery never installs services. WiX 5.0.2 (MS-RL) and Inno Setup 6.4.3 (its permissive commercial-use license) are pinned build tools, with original notices retained. These older build-tool versions require maintenance review before production designation. No signing certificate has been supplied; packages must be labelled unsigned previews.

Later phases

Original prompts 03–07 remain unchanged and mandatory. No production infrastructure, consolidation, migration, private Git service, coordinator, lease, synchronisation, build execution or deployment has been implemented or authorised by the discovery tests.

Build and edition record

PRODUCT	Absolute Development Management System (ADMS Discovery Edition)
VERSION	`0.1.0`
EDITION DATE	26 November 2026
SOURCE COMMIT	`4010a31cc3 + uncommitted changes`
BRANCH	codex/adms-design-dna
HELP REGISTRY	15 screen guides in 3 areas, 5 glossary terms, 3 shortcuts
MANUAL KIT	Absolute Autonomy flipbook kit 1.0.0

Components

COMPONENT	LOCATION	ROLE
Web discovery workspace	`web/index.html`	Reviews local discovery reports in the browser and serves the offline manual.
Discovery desktop	`src/ADMS.Desktop/ADMS.Desktop.csproj`	Runs local discovery and presents results.
Discovery core	`src/ADMS.Core/ADMS.Core.csproj`	Collects inventory, project and storage evidence.
Console diagnostics	`src/ADMS.Diagnostics/ADMS.Diagnostics.csproj`	Exports discovery data from the command line.

Dependencies

Read from the project files at build time. Versions are the ranges the project declares.

`src/ADMS.Core/ADMS.Core.csproj` · net10.0-windows · Microsoft.NET.Sdk

PACKAGE	VERSION	KIND
`Microsoft.Data.Sqlite.Core`	`10.0.15`	package
`SQLitePCLRaw.provider.winsqlite3`	`2.1.11`	package
`System.Security.Cryptography.ProtectedData`	`10.0.15`	package

`src/ADMS.Desktop/ADMS.Desktop.csproj` · net10.0-windows · WPF · Microsoft.NET.Sdk

PACKAGE	VERSION	KIND
Microsoft.Web.WebView2	1.0.4370.26	package
ADMS.Core	—	project

Quality gates

CHECK	LOCATION	HOW TO RUN
Windows regression suite	tests/ADMS.Tests/ADMS.Tests.csproj	—
Help contract	tests/help.test.cjs	—

ABSOLUTE AUTONOMY

Absolute Development Management System

Inventory the computer, projects and storage used for development.

Read online: absoluteautonomy.co.za/manuals/adms/

Edition 0.1.0 · 26 November 2026

`Built from source commit 4010a31 with uncommitted changes`

Generated by the Absolute Autonomy flipbook kit 1.0.0 from the product's help registry, documents and project files.