

LEGACY TO POWER PLATFORM

Rebuild any legacy app with **REA** + agents

REA = Reverse Engineer Anything. The
8-step playbook.

Swipe →



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Must

STEP

Get the rights first

Only analyze software you own or are authorized to examine. REA's own README says the same.

- 1 Read the EULA or contract for reverse engineering terms
- 2 Get written OK from the app owner (usually your client)
- 3 Use legally licensed tools only: Ghidra is free, IDA and Hopper are paid
- 4 Work on a copy, on your own machine. REA analysis runs locally
- 5 Never put client binaries or data in a public repo or chat



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Setup

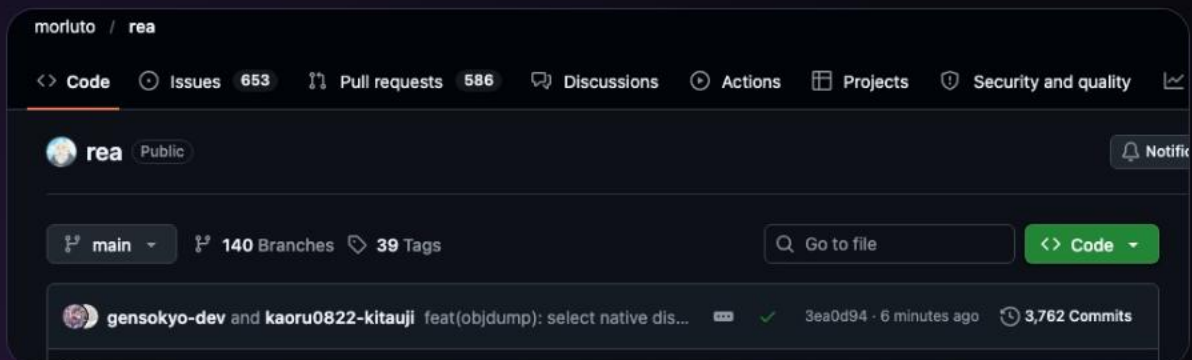
STEP

Connect REA to your agent

REA is an open source MCP server:
github.com/morluto/rea (MIT). One command sets it up.

```
$ npx rea-agents setup
```

- 1 Install Node.js 22.19+ and npm first
- 2 Pick Claude Code, Codex, Cursor or Gemini CLI, approve, restart
- 3 Native apps: use the Ghidra, IDA or Hopper you already have



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[Map](#)

STEP

Point it at the app

Our example: FieldDesk, a legacy .NET dispatcher.
REA reads .NET with no extra tools.

\$ Explain how technician assignment works.
Show the evidence.

- 1 VB6 or C++ .exe: Ghidra, IDA or Hopper
- 2 .NET, Electron, web apps (or a HAR file) and SQLite: built in
- 3 Real output: every business rule, straight from the DLL

Terminal: real REA 6.7.0 output (trimmed), sample app

```
$ npx rea-agents inspect-managed-members target/Contoso.FieldDesk.dll --type Contoso.FieldDesk.DispatchRule
provider rea-dotnet-static · no target code loaded or executed · sha256 3e8f600ffca43770...
methods Assign · Complete · DaysUntilScheduled · ImportServiceRequest calls → Db.Execute · Notify.Technic
user_strings.literals
0x70000001 Only draft or on-hold work orders can be assigned.
0x70000067 INSTALL-L2
0x7000007d Installations need an INSTALL-L2 certified technician.
```

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Map

STEP

Triage the evidence

REA returns each finding with its evidence and limits, and lists what it can't see.

- 1 Seen: spec it. Inferred: confirm with users
- 2 Unknown: take it to a workshop
- 3 One row per feature: that's your backlog

FieldDesk feature map

One row per feature, with its evidence. This becomes the backlog for the rebuild.

Feature	Label	Evidence from REA	Rebuild on Power Platform
Assign a technician	Seen	"Installations need an INSTALL-L2 certified technician", "Critical work orders need a senior technician", 6-job cap	Dataverse model + validation (Ch 3)
Notify the technician	Seen	"New job assigned: ..., scheduled ..." sent through Sms.Send	Assignment notification flow (Ch 4)
Complete a job	Seen	"Completion notes are required", "The customer must sign off before completion"	Model-driven app form + business rules (Ch 3)

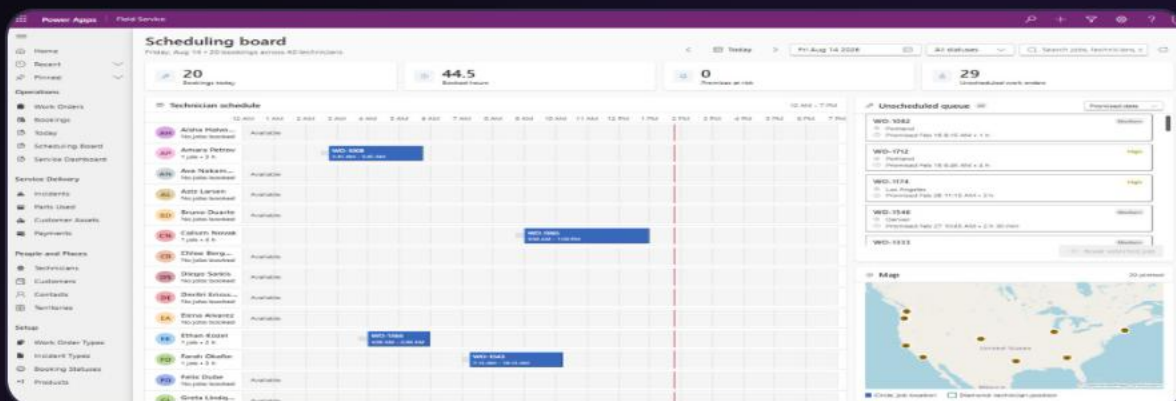
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Build

STEP

Model the data

Turn the map into Dataverse tables, columns and relationships.



HOW

/dv-metadata in Claude Code



Inner Circle, Chapter 3: the Field Service model
Free labs: fromzerotoheroes.com/builders-journey

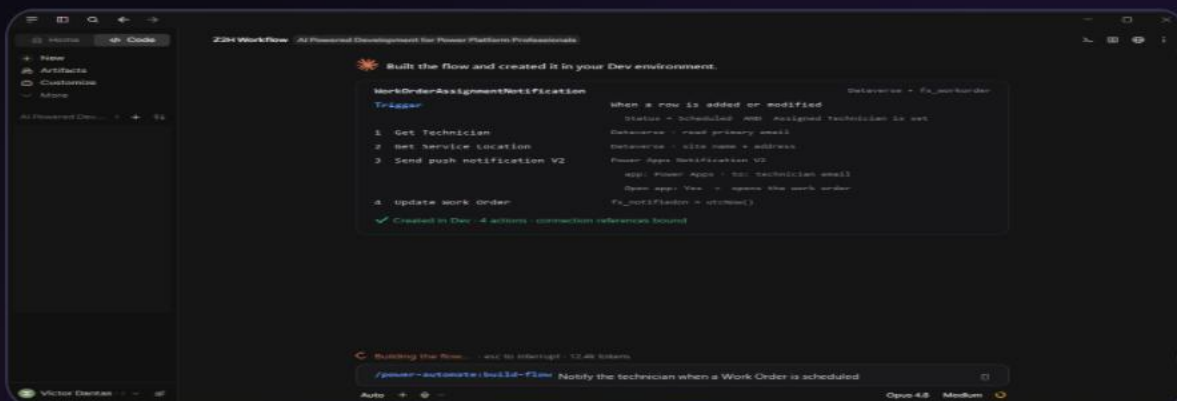
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Build

STEP

Rebuild screens and logic

Model-driven app or Power Pages for the screens, flows for the logic.



HOW

/app-builder, /create-site, /build-flow



Inner Circle, Chapters 3 to 5: app, flows, portal
Free labs: fromzerotoheroes.com/builders-journey

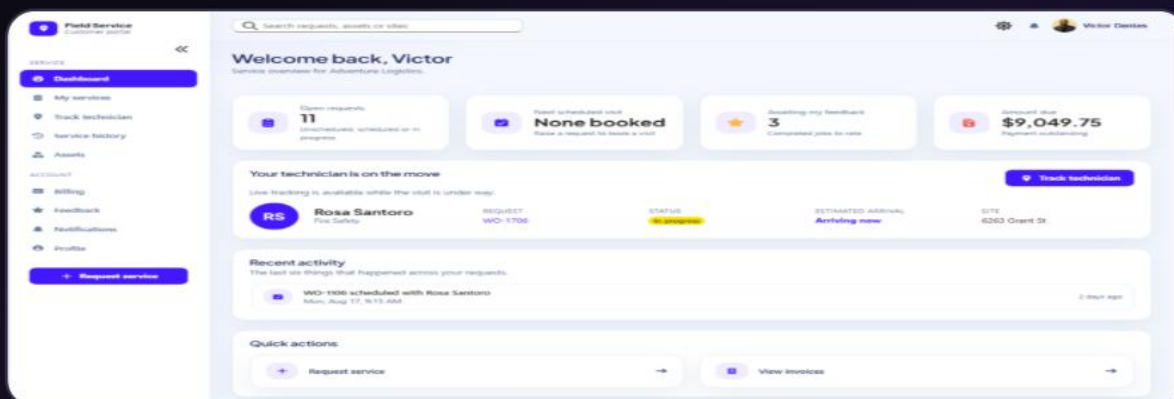
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Test

STEP

Prove parity

Turn every Seen finding into a test case and run old and new side by side.



HOW

Same inputs, same outputs



Inner Circle: the full FieldDesk walkthrough
7-day free trial: fromzerotoheroes.com/inner-circle

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Secure

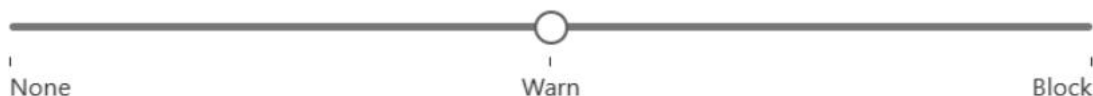
STEP

Lock it down

Business rules on the server, never in browser JavaScript.

Solution checker enforcement

Automatically verify solution checker results for security and reliability issues before solution import. [Learn more](#)



Check for security and reliability issues in the solution checker results, but do not block solution import for any issues.

HOW

Plugins, table permissions, /security-review



Inner Circle, Chapters 5 and 13: security + gates

7-day free trial: fromzerotoheroes.com/inner-circle



BUILD IT HANDS-ON

From legacy to **Power Platform**, without the guesswork.

- Full guide: fromzerotoheroes.com/rea-legacy-to-power-platform
- REA: github.com/morluto/rea
- Free labs: fromzerotoheroes.com/builders-journey
- Follow Victor Dantas for Power Platform + AI