



ADD WORKFLOWS TO YOUR .NET PRODUCT WITHOUT BUILDING A WORKFLOW ENGINE



Workflow Designer, Workflow Runtime and your own database. In production since 2014.

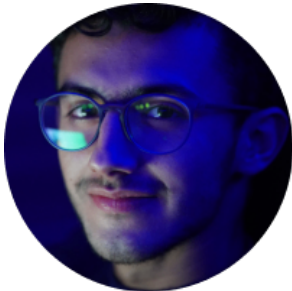
Updated 2 October 2026

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Founded in 2013, Optimajet has offices in the United States and Hong Kong

We build and support the engine ourselves. Support tickets go to the engineers who own the code.



2014



Workflow Engine
in production

22.1.0

current release,
August 2026

4.7 - 4.5

G2 and Trustpilot
review scores



Our customers come from a wide range of industries, including banking, financial and government services, logistics, manufacturing, insurance, consulting and many others



Shipping inside commercial CRM, ERP, document, HR and case management products since 2014.



YOUR TEAM WRITES ONLY THE BUSINESS LOGIC



Everything in the tiles below is code you would otherwise write, test and maintain.

Your code Actions in C# · Rules and permissions · Forms and UI · Calls to your own systems

Process state
in your database

Timers that survive
a restart

Versioning while
processes run

Workflow Designer
for your users

Permissions on
every command

Audit trail of
every transition

Parallel approvals
and subprocesses

Several servers,
no double execution

Admin override
for a stuck process



IT RUNS INSIDE YOUR APPLICATION

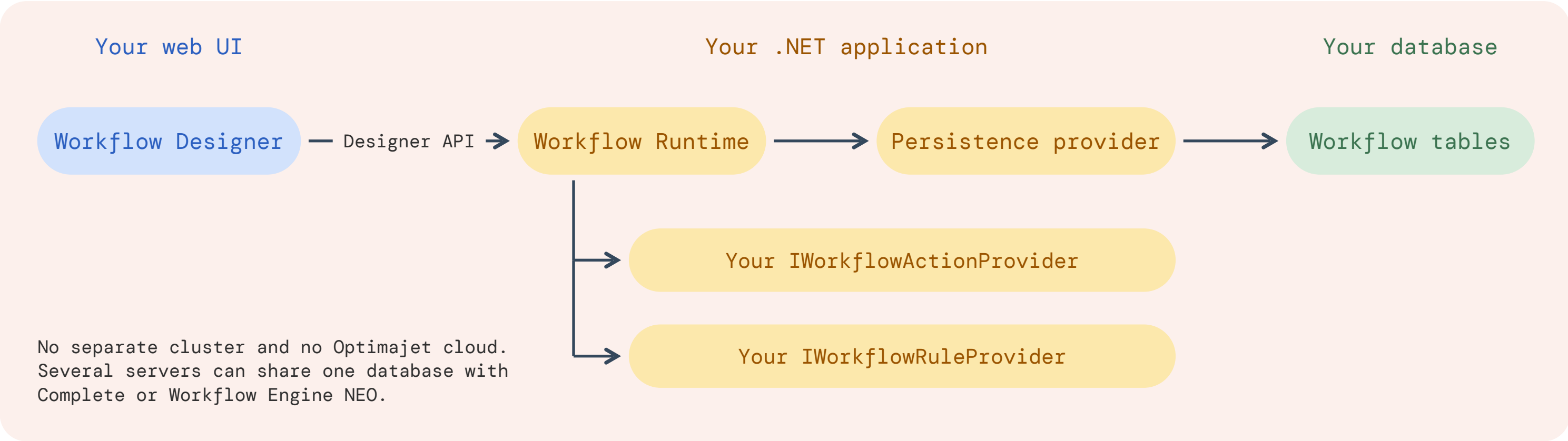


- 1

Workflow Designer, an HTML5 editor in your UI: React, Angular, JavaScript or Blazor
- 2

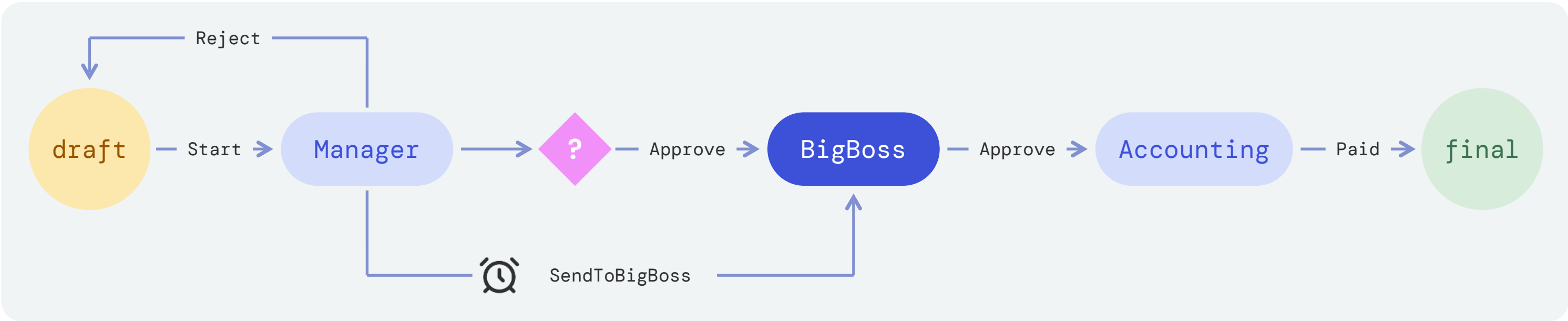
Workflow Runtime, inside your .NET app. One runtime per application, as a singleton
- 3

A persistence provider keeps processes, timers and history in your database



THE SCHEME YOU DRAW IS WHAT THE ENGINE RUNS

Activities are the states, transitions are the arrows, and commands move the process along.



Activity

A state the process waits in



Transition

The arrow between two activities



Command

Moves the process: Approve, Reject



Timer

Fires a transition after a delay



Actor

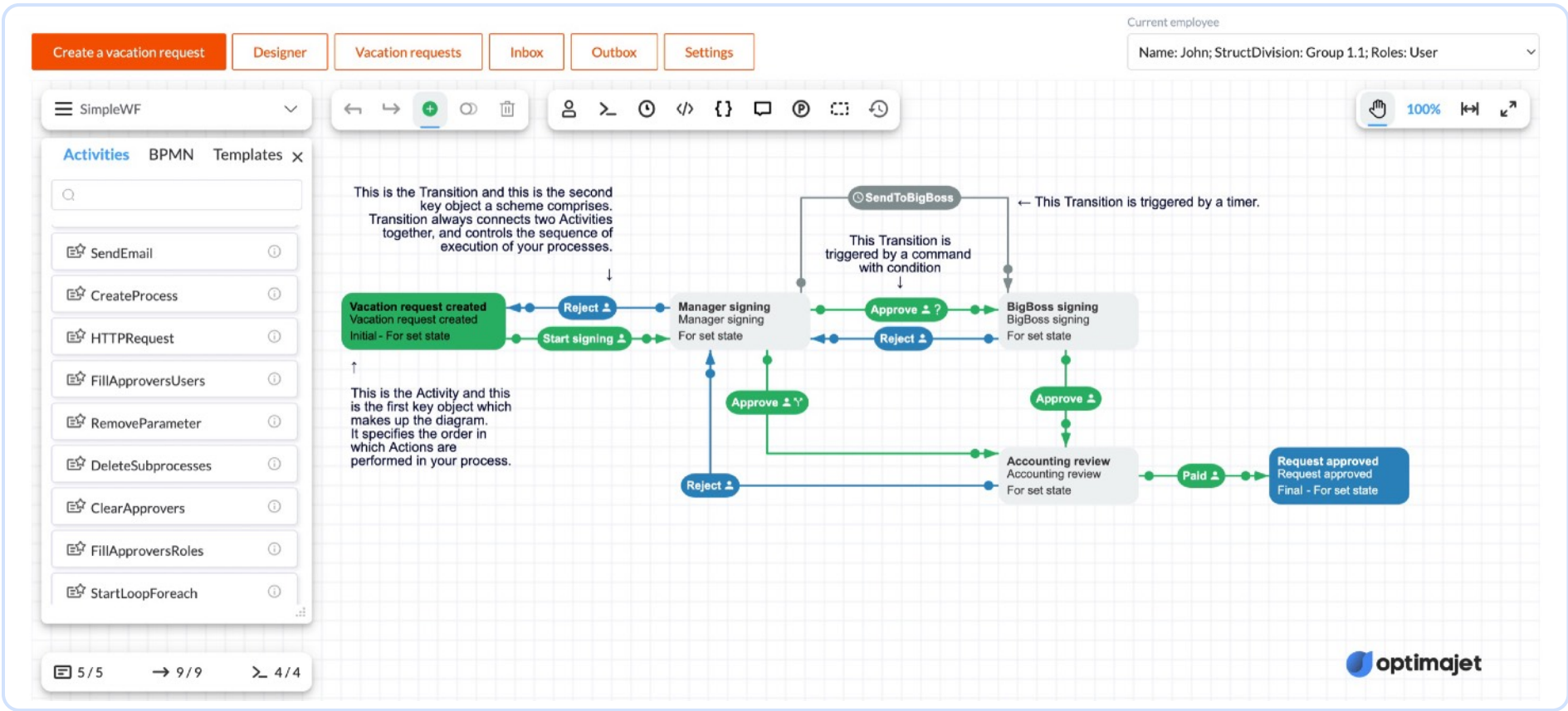
Who may run a command



Condition

Picks the branch, marked with ?

WORKFLOW DESIGNER IN YOUR APP



Workflow Designer in the demo application, with the activities that plugins add to the palette.



Embed it with npm or Blazor

npm packages for React, Angular and JavaScript, plus a guide for Blazor.



Built for developers first

Model, debug and change processes visually. Business users can edit them in your app.



BPMN 2.0 import

Bring diagrams from other modeling tools as native schemes, with a plugin.



Eight interface languages

Add your own language pack. RTL layout is supported.

BUILT IN, SO YOU DON'T WRITE IT



Timers and calendars

Wait days or months. Count working time.

Scheme versioning

Change a scheme while processes run.

Audit trail

Every transition with its time, trigger and actor.

Parallel approvals

Several approvers, subprocesses that merge back.

Code actions

C# logic inside the scheme, compiled at runtime.

Direct state control

Move a stuck process as an admin override.

Pre-execution

Show the route ahead before users submit.

Plugins

Approval, Basic, Loops, File, Real-Time Tracking.

Pluggable security

Your identity system decides who may act.

Multi-database

Six providers cover nine databases.

Multitenancy

TenantId in every license; ready HTTP API in NEO.

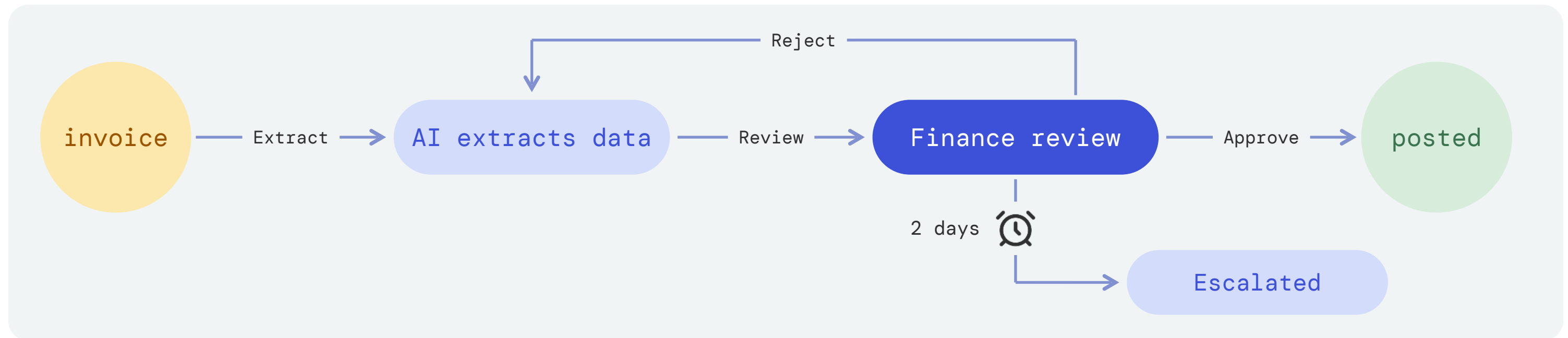
Clustering

Several servers, one database: Complete or NEO.



AI STEPS UNDER WORKFLOW CONTROL

AI can classify, extract or recommend. The workflow keeps the rules, the reviewers and the history.



1

AI proposes, rules decide

Commands and conditions stay explicit.

2

People review where it matters

A human step is part of the scheme.

3

Timeouts and fallbacks

A timer moves the process if nobody acts.

4

Every step in the history

Who or what acted, and when.

INTEGRATION IN ABOUT AN HOUR

The integration guide walks through five steps. This is the whole runtime setup.

- 1 Set up the database
- 2 Initialize WorkflowRuntime
- 3 Connect Workflow Designer
- 4 Create a scheme
- 5 Execute your first commands

WorkflowInit.cs

```
var dbProvider = new MSSQLProvider(ConnectionString);
var builder = new WorkflowBuilder<XElement>(
    dbProvider, new XmlWorkflowParser(), dbProvider
).WithDefaultCache();

var runtime = new WorkflowRuntime()
    .WithBuilder(builder)
    .WithPersistenceProvider(dbProvider)
    .RunMigrations()
    .EnableCodeActions()
    .SwitchAutoUpdateSchemeBeforeGetAvailableCommandsOn()
    .AsSingleServer();

runtime.WithPlugin(new BasicPlugin());
runtime.Start();
```

From the canonical init on workflowengine.io. Register the runtime once, as a singleton.



RUNS ON THE STACK YOU ALREADY HAVE

Pick the .NET version, database and frontend your team uses today.

.NET

- .NET Framework 4.6.2 to .NET 10 for the core package
- HTTP API and SQLite packages: .NET 8 and .NET 10

Databases

- Six providers cover nine databases
- SQL Server with Azure SQL and Managed Instance
- MongoDB with Azure Cosmos DB
- SQLite for evaluation only

Frontend

- Workflow Designer for React, Angular and plain JavaScript
- A documented Blazor path through IJSRuntime

Workflow Server

- A Docker image with its own HTTP API
- Called from any language
- Five databases, without SQLite



Plus Azure SQL, Azure SQL Managed Instance, Azure Cosmos DB and SQLite.





Let's see it run

A real .NET application, the Vacation Approval process, and your questions as we go.



DEMO

- 
- 1 Draw and change a scheme in Workflow Designer
 - 2 Run a process as two different users
 - 3 Watch a timer fire and a request get rejected
 - 4 Change a live scheme without breaking running processes
 - 5 Read the history of every step



[The 8-minute overview](#) on the Optimajet YouTube channel covers the same ground.



THE WORKFLOW ENGINE FAMILY

Choose by how your app talks to the engine.



Workflow Engine Free

Try it first · called from C#

The same .NET library for personal and internal commercial use, with attribution. No license key, 10 schemes and 4 execution threads.

Workflow Engine

Internal .NET apps · called from C#

The commercial .NET library, called from your C# code. Team and Complete, perpetual, for internal commercial use.

Workflow Engine NEO

Public web app or SaaS · C# or HTTP

Based on Workflow Engine. Adds a ready HTTP API with Data API and RPC API, multitenancy and the Forms Plugin.

Workflow Server

A workflow service · over HTTP

A standalone service in a Docker image. Workflow API (REST), admin panel, its own users and OpenID Connect.



WHERE IT RUNS DECIDES THE EDITION

One license covers one software product. There are no royalties and no per-user fees.

Personal or internal use?

[Workflow Engine Free](#)

With attribution, within 10 schemes, 4 execution threads and one server

Outgrown the Free limits?

[Workflow Engine Team](#) · [Complete](#) · [NEO Business](#)

More schemes and threads, several servers on Complete and NEO Business

A public web app or SaaS?

[NEO Subscription](#) · [NEO SaaS](#)

One application offered to any number of outside users

Inside a product you sell?

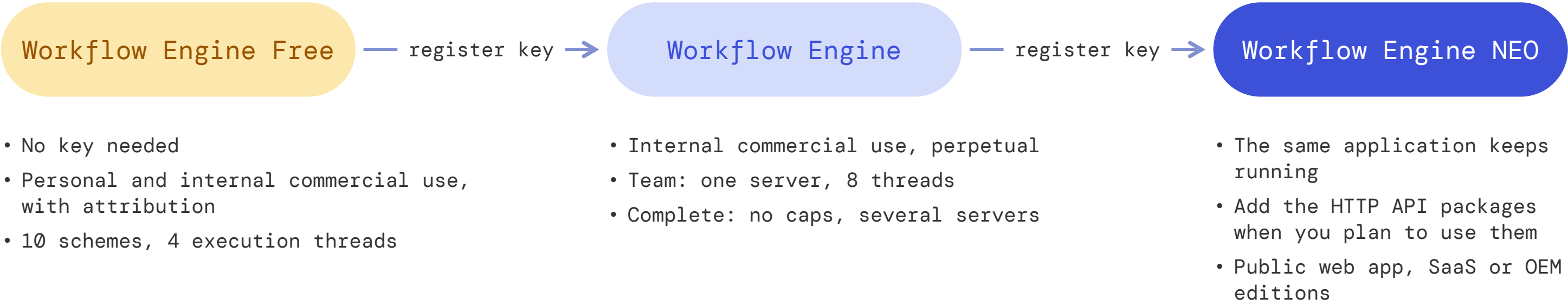
[NEO Enterprise \(OEM\)](#)

The engine ships inside your product, white-label included



START FREE, MOVE UP WITH A KEY

Your schemes and process logic carry over. What you built keeps running.



Evaluating a paid edition? Get a free trial key at trial.workflowengine.io. It unlocks the licensed features for 30 to 90 days, depending on the edition. Workflow Server runs the same schemes; your app then calls it over HTTP.

PUBLIC PRICES & NO ROYALTY FEES

Every price below is on `workflowengine.io/pricing`. NEO Enterprise is quoted per project.

	Workflow Engine Free	Workflow Engine		Workflow Engine NEO			
Edition	No editions	Team	Complete	Subscription	Business	SaaS	Enterprise
Price	\$0	\$2,000	\$5,000	\$8,000/yr	\$10,000	\$15,000	On request
License	Perpetual	Perpetual	Perpetual	Annual	Perpetual	Perpetual	Perpetual
Licensed use	Personal and internal, with attribution	Internal	Internal	Public web app or SaaS	Internal	Public web app or SaaS	Public, SaaS or OEM
Scale	1 server, 4 threads	1 server, 8 threads	Multi-server	Multi-server	Multi-server	Multi-server	Multi-server
HTTP API	Designer and health	Designer and health	Designer and health	+ Data API, RPC API	+ Data API, RPC API	+ Data API, RPC API	+ Data API, RPC API
Included support	Docs, discussions	Docs, discussions	2 months	Docs, discussions	2 months	2 months	12 months
Trial key	Not needed	30 days	30 days	60 days	60 days	90 days	90 days

Designer branding: Free and Team show the Optimajet logo; Complete and the editions of Workflow Engine NEO show none; NEO Enterprise can white-label the canvas.

SEE PRICING





WHAT EVERY LICENSE INCLUDES

1

A perpetual license

It keeps working on the version you bought, even if you never pay again. NEO Subscription is the one annual term.

2

365 days of updates

Renew update access at 50% before the period ends. After it ends, renewal costs the full price.

3

No usage-based fees

No royalties. No fees per execution, per user or per developer. Process history is not metered.

4

A full trial key

30 to 90 days by edition, with free POC support until the key expires. It works like a commercial key.

5

Bugs are on us

Bug and security reports never use a support ticket, with or without a plan. We fix them at our cost.

6

Self-hosted

The products run on your servers and never connect to Optimajet. The license key is checked locally.

Discounts from 10% to 30% on Workflow Engine NEO: a published success story, three years of updates paid ahead, a five-year update contract, or reselling three or more licenses a year.



SUPPORT PLANS

From the engineers who own the code. Plans are annual and sit on top of any paid edition.
Bug reports never count against them.

Support

\$250 /month

Billed annually, \$3,000 a year

- 1 ticket a week, answered within 2 working days
- Email
- Instructions, links and code snippets

Premium Support

\$750 /month

Billed annually, \$9,000 a year

- 2 tickets a week, answered within 1 working day
- Email
- 40 hours of custom development

Premium Plus Support

\$1,000 /month

Billed annually, \$12,000 a year

- 3 tickets a week, answered within 1 working day
- Phone, email and Google Meet
- 60 hours of custom development

Consulting session

\$200 /hour

Or \$250 for a two-hour session

- Google Meet, up to 10 people
- Demonstration examples
- Book on Calendly, pay by card

Included with the license. Team and NEO Subscription: documentation and GitHub discussions. Complete, NEO Business and NEO SaaS: two months of direct support. NEO Enterprise: twelve months of standard support.

READY FOR SECURITY REVIEW



Your perimeter

Process data, schemes and the audit trail stay in your database. There is no Optimajet cloud.



No phone-home

The engine sends no usage or process data to us. Airgapped deployments are supported.



Your identity system

Active Directory Plugin over LDAP. IWorkflowRuleProvider hands every check to your system.



Audit trail

Every transition is stored with its time, trigger and actor, in your own database.



Security questionnaires

We answer CAIQ, SIG and custom questionnaires. Sample answers under NDA.



Procurement

NET 30, PO and invoicing, wire transfer. W-9 and W-8BEN handled by the sales team.

Source code for your own review: a one-year GitHub window, included with NEO Enterprise and an add-on for Complete, NEO Business and NEO SaaS.

TWO TEAMS THAT CHOSE THE ENGINE

Both picked it after a market review. The case studies are published on workflowengine.io.

ProcessMAP

ENVIRONMENT, HEALTH AND SAFETY SAAS

- Serves over 2 million users in 125 countries
- Approvals and inspections, with branching and parallel steps
- Business logic changed on the fly, without a release

“ProcessMAP utilizes Workflow Engine as an integral part of the Environmental Health & Safety and Risk Management SaaS solution. We’ve researched the tools available on the market and opted for Workflow Engine as it offers exactly what we need without extra functionality like form designers and interface builders.”



Eugene Kouroptev
VP of Product Development, ProcessMAP

Innovum Technologies

REGULATORY MANAGEMENT FOR THE GAMING INDUSTRY

- Casino gaming license applications prepared, submitted and reviewed online
- Schemes adjusted at runtime to fit each client
- Used by compliance managers and gaming regulators

“Innovum Technologies needed a flexible workflow component for ASP.NET that would allow us to customize our software product to our customer’s environment. Workflow Engine was the best fit for our needs. It provides a flexible and extensible architecture, a powerful workflow engine and an intuitive visual workflow designer that enables us to rapidly modify our application to meet the needs of our clients.”



Mark West
CEO, Innovum Technologies

WHAT CUSTOMERS SAY

 **4.7**

 **Trustpilot 4.5**

Quotes from verified reviews on G2 and Trustpilot, and from customers who chose the engine.

"We found it very easy to embed it into our ASP.net core based solution. The documentation was very good and the sample was comprehensive."

Sanjeev Musafir

Partner, Dataview Consulting · G2

"Integrating with existing application was very easy. Documentation was very thorough, and support was helpful."

Scott Goodin

VP Software Engineering, TADERA

"The workflow is super flexible, visual and easy to extend, allowing us to customize it to our needs in a timely fashion."

Márcio Lima

Senior Software Engineer, Wine.Create

"OptimaJet provides a robust and versatile software product and backs it up with excellent support. Adding the workflow engine has been a tremendous value to our company."

David Nickelsen

Director of Software, CivicServe

GET STARTED FASTER

Read the documentation, install the engine or get a trial key.

docs

[Documentation](#)

[Get started guides](#)

[Compare the four products](#)

try it

[Download and install](#)

[Free trial key](#)

[Pricing](#)

watch & code

[The 8-minute overview](#)

[Optimajet on YouTube](#)

[Samples, releases, issues](#)



A star on GitHub helps other .NET teams find the engine:
github.com/optimajet/WorkflowEngine.NET

★ Star

∞



DO YOU NEED A RESELLER?



Global resellers: SoftwareOne, ComponentSource, SHI, QBS, Tomahawk Technology

Regional: SparkDynamic (Europe), K3 Nordic (Scandinavia), wedosoftware (Eastern Europe), DigiNation (Middle East and Africa), Software Sources and Nozomtechs (Middle East), Cogitosoft (China, Korea, Japan), FPT Software (Asia), Preflex Solutions (South Asia)

Direct: hello@optimajet.com. Team and Complete by card; PO, invoice and NET 30 for companies.

Integrators: Dataview, Techlogix, FPT Software, DigiNation, Trigent, Cleverbit, ASEE, CSPi, Data#3, Elm Company and others at optimajet.com/integrators.



THANK YOU FOR READING



Book a **one-hour demo** and see the engine run on a process like yours.

QUESTIONS?

hello@optimajet.com
workflowengine.io
+1 415-683-1308



BOOK A DEMO



APPENDIX

More detail on limits, add-ons, Workflow Server and licensing.



LIMITS BY EDITION

Numbers from the price list on workflowengine.io/pricing.

	Free	Team	Complete	NEO Subscription	NEO Business	NEO SaaS	NEO Enterprise
Schemes	10	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Execution threads	4	8	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Commands, activities, transitions per scheme	Unlimited	100 / 100 / 500	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Servers	Single	Single	Multi-server	Multi-server	Multi-server	Multi-server	Multi-server
Data API and RPC API	Not available	Not available	Not available	Included	Included	Included	Included
Full hybrid multitenancy	Not available	Not available	Not available	Included	Included	Included	Included
Forms integration	Not available	Not available	\$1,500 add-on	Included	Included	Included	Included
Designer branding	Optimajet logo	Optimajet logo	None	None	None	None	White-label

ADD-ONS AND DISCOUNTS

Add-ons are priced per edition. Discount programs apply to Workflow Engine NEO licenses.

	Team	Complete	NEO Subscription	NEO Business	NEO SaaS	NEO Enterprise
Active Directory Plugin	\$1,000	\$1,000	\$300 / year	\$1,000	Included	Included
BPMN import plugin	\$2,500	\$2,500	\$300 / year	\$3,500	Included	Included
Forms integration	Not available	\$1,500	Included	Included	Included	Included
Form Engine Enterprise license	Not available	Not available	\$3,499 / year, optional	\$5,000, optional	\$5,000, optional	Included, OEM rights
Source code, 1-year window	Not available	\$5,000	Not available	\$10,000	\$15,000	Included

10%

Publish a success story

Every edition of Workflow Engine NEO

20%

Prepay three years of updates

Every edition of Workflow Engine NEO

25%

Sign a five-year update contract

Every edition of Workflow Engine NEO

30%

Resell 3 or more licenses a year

Every edition of Workflow Engine NEO

WORKFLOW SERVER EDITIONS

A separate product with its own license. The current price list is sent on request.

	Starter	Subscription	Business	Business Complete	Business SaaS	Business Ultimate	Custom
License	Perpetual	Annual	Perpetual	Perpetual	Perpetual	Perpetual	In the quote
Licensed use	Personal only	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial
Schemes / threads	2 / 1	5 / 4	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Servers	Single	Single	Single	Multi-server	Multi-server	Multi-server	Multi-server
Tenants included	None	None	None	1	5	100	In the quote
Full source code	Not available	Not available	Not available	Not available	Not available	1 year	1 year



Runs as its own service

A Docker image your apps call over HTTP.



Three APIs

Workflow API (REST), Callback API for your logic, and WFE API.



Admin panel

Workflow Designer, users, roles, OpenID Connect, logs and reports.

FAQ

Can we use Workflow Engine Free at work?

Yes, inside your company, with attribution, within 10 schemes and 4 execution threads. A public web app or SaaS needs NEO Subscription or NEO SaaS.

What happens after the 365 days of updates?

The engine keeps running on your version. Renew updates at 50% before the period ends, or at full price later.

Is it open source?

No. It is commercial software. Source access for review is included or an add-on, depending on the edition.

We have a public SaaS. Which edition?

NEO Subscription (annual) or NEO SaaS (perpetual). They cover one application offered to outside users.

We sell a product with the engine inside.

That is OEM, a right of NEO Enterprise. It can white-label the designer canvas.

Do you charge per user or per execution?

No. There are no royalties and no per-user, per-execution or per-developer fees.

