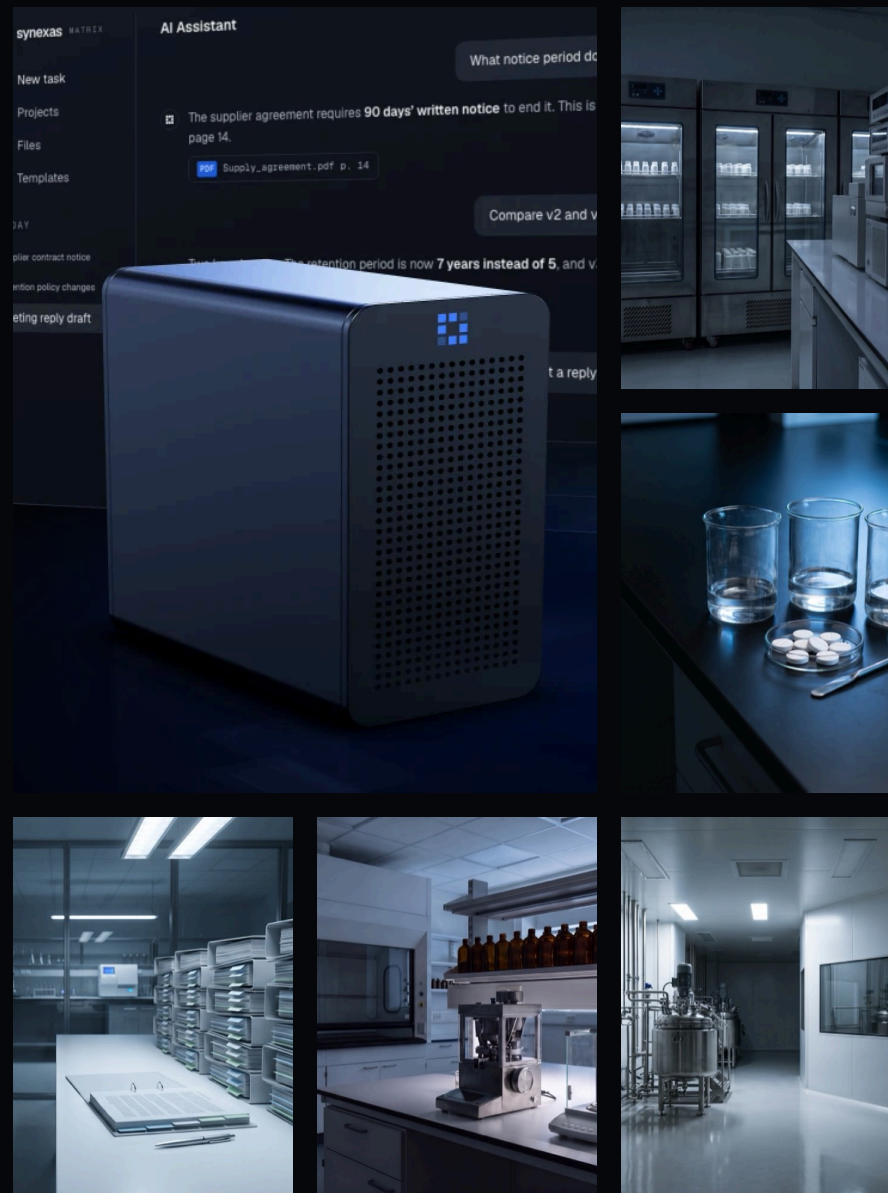


ON-PREMISES AI
FOR LIFE SCIENCES AND PHARMA

Protect your IP. Put data to work.

Synexas builds AI for formulation R&D, stability and regulatory work, on a system at your company. Study data stays on site.

-  Runs fully offline
-  Every result shows its evidence
-  Decisions stay with your scientists



Three kinds of work that wait on a few experts



STABILITY

Summaries rebuilt by hand

Quality teams copy values from protocols, exports and batch records into every stability summary.

Case 1

p. 5 →



FORMULATION R&D

Every run's data cleaned up by hand

Units, sample IDs and charts are rebuilt after every experiment before anyone can plan the next one.

Case 2

p. 7 →



AGENCY QUESTIONS

Agency questions answered from scratch

Regulatory teams search earlier answers, study reports and batch data again for every question, before the agency's deadline.

Case 3

p. 9 →

🎯 Most teams start with one of these. Cases 1 and 2 come from one pharmaceutical manufacturer; case 3 is a system from another industry, set up for this work.

What changed for three teams

Two teams at one pharmaceutical manufacturer, and a system from another industry that we set up for the same kind of work here.

STABILITY

Pharmaceutical manufacturer

1_h

to prepare a stability summary, down from 5 days, with every value linked to its source page

Customer result

[Case 1 →](#)

FORMULATION R&D

Pharmaceutical manufacturer

95%

less time processing the data of each experiment run

Customer result

[Case 2 →](#)

AGENCY QUESTIONS

Securities firm

3–5_{days}

for a strong first draft of a reply to its regulator, where it took 1 to 2 weeks of overtime

Customer result

[Case 3 →](#)



Runs offline, on site

Offline by default. Nothing leaves without your approval.



Your people decide

Every scientific and release decision stays with your scientists and quality team.



One agreed price

The machine, the software and the setup, with no per-token fees.

Meet Matrix.

Your company's AI system.

The machine, the AI software and the on-site setup. One complete offer, one agreed price.

01 The machine

Chosen from validated configurations, sized to your workload.

02 The AI software

An assistant, team tools and custom workflows, running locally.

03 On-site setup

Installed and adapted by our engineers, around your files and tools.



01

CASE 1 OF 3 · STABILITY · PHARMACEUTICAL MANUFACTURER

Every stability summary rebuilt by hand

Quality teams rebuilt stability summaries and comparison tables by hand from protocols, exports and batch records. Every value had to be found, copied and checked again, and unpublished data could not leave the company.

SOURCES

Protocols, exports and batch records

EVERY VALUE

Copied and checked by hand

UNPUBLISHED DATA

Must stay inside

Stability summaries drafted in 1 hour, every value sourced

Built around the manufacturer's approved protocols and study exports. The same for your batch records and product reviews.

Stability summary ● On this system · offline						
Test · batch	Start	3 months	6 months	9 months	12 months	
Assay · B-2207	100.2 p. 3	99.8 p. 7	99.5 p. 11	99.1 p. 15	98.9 p. 19	
Assay · B-2211	100.4 p. 4	100.1 p. 8	99.7 p. 12	99.4 p. 16	99.0 p. 20	
Assay · B-2214	99.9 p. 5	99.6 p. 9	99.2 p. 13	98.8 p. 17	Not yet tested	
Impurities · B-2207	0.12 p. 3	0.15 p. 7	0.19 p. 11	0.22 p. 15	0.25 p. 19	
Impurities · B-2211	0.10 p. 4	0.14 p. 8	0.17 p. 12	0.21 p. 16	0.24 p. 20	
Impurities · B-2214	0.11 p. 5	0.16 p. 9	0.24 p. 13	0.41 p. 17	Not yet tested	

DRAFT SUMMARY · FOR QA REVIEW

Assay stayed within 95.0 to 105.0% for all three batches [p. 3–20](#). Total impurities rose in every batch; B-2214 rose faster, to 0.41% at 9 months [p. 17](#), still within the 1.0% limit. Its 12-month results are [not yet available](#).

! B-2214 above the trend
0.41% at 9 months · within the limit

i 12-month point not yet tested
B-2214 · left empty, not estimated

[Send to QA review](#)
[Open sources](#)

1 Tables built from the sources

Values come from approved protocols and study exports, each linked to its page.

2 Trends and gaps flagged

An out-of-trend value and a missing time point are marked, not smoothed over.

3 Quality decides

The draft goes to QA review; every conclusion stays with your quality team.

THE RESULT

A stability summary in 1 hour, not 5 days

● Customer result

1_h

to prepare a stability summary, down from 5 days

100%

of values linked to their source page

0

unpublished data sent outside the organization

02

CASE 2 OF 3 · FORMULATION R&D · PHARMACEUTICAL MANUFACTURER

Every experiment's data cleaned up by hand

After every run, results from instruments and experiment sheets were cleaned up by hand: units, sample IDs and time points aligned, the same comparison charts rebuilt, old reports searched for similar runs. Now and then a newer instrument brought a new data format and new reference values to learn before its results could be merged with the rest. Only then could scientists decide how to adjust the next run.

60% OF THEIR TIME

Went into processing data

EVERY RUN

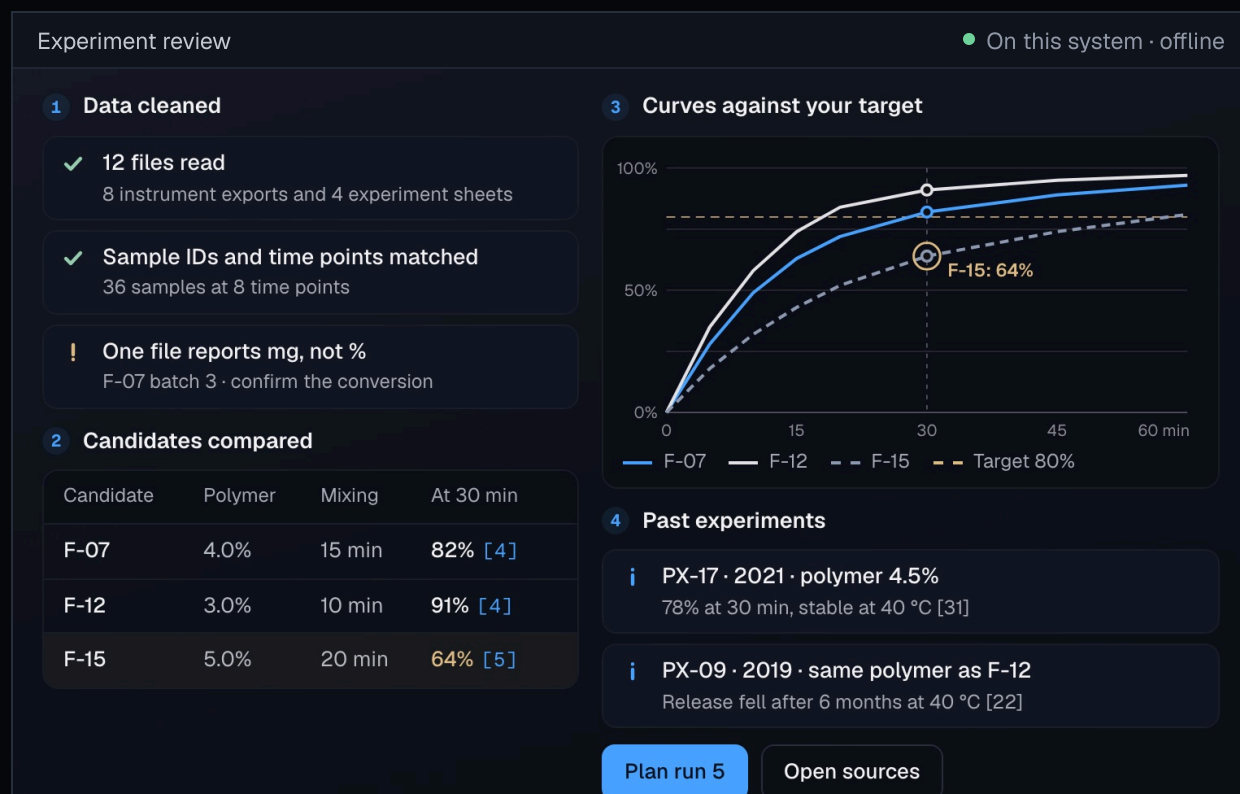
Compared and charted again

THE NEXT RUN

Adjusted from experience

Every run cleaned, compared and charted for the scientist

Built for the same manufacturer's formulation team, around its instruments, experiment sheets and past reports. The same for your process and analytical development.



1 Data cleaned for you

Units, sample IDs and time points aligned across instruments and sheets; an odd value is flagged, not changed.

2 Candidates compared

Parameters and results side by side, each value linked to its source.

3 Curves against your target

Drawn the same way for every run, with what misses the target marked.

4 Past runs, then your decision

Similar experiments from years of reports come first, so less is left to trial and error. Scientists set the next run.

THE RESULT

Time back for the science

- Customer result

95%

less time processing the data of each run

90%

less time cleaning up a newer instrument's data

90%

less time finding similar past experiments

03

CASE 3 OF 3 · AGENCY QUESTIONS · BUILT FOR A SECURITIES FIRM

Every agency question answered from scratch

A health authority's questions on a submission come with a deadline. For each one, the regulatory team searches earlier answers, study reports and batch data, and a weak answer brings another round while approval waits. We built a reply system like this for a securities firm's IPO inquiries.

EVERY ROUND

Many questions, one deadline

EARLIER ANSWERS

Searched by hand

A WEAK REPLY

Another round, approval waits

Every reply starts from precedent and evidence

The reply system we built for a securities firm's IPO inquiries, set up for questions from health authorities. The same for replies to inspection and audit findings.

Agency questions
● On this system · offline

QUESTION 4 · DISSOLUTION

Justify the dissolution limit of 80% in 30 minutes for the 10 mg tablets, with results from every clinical and stability batch.

1 Similar past questions · 9 found

Resolved 5 mg tablets · dissolution limit, 2022

Answered with every batch's results

2 rounds Capsules · dissolution method, 2021

A follow-up on the test method

Tightened Tablets · dissolution limit, 2019

The reply showed no clinical batches

2 Reply plan

1. Show every clinical and stability batch at 30 minutes, from the batch records.
2. Explain why 80% tells good batches from poor ones, from the development studies.
3. Cite the study report and page for every statement.

LIKELY FOLLOW-UP QUESTIONS

Will the limit hold for tablets made at the second site?

Why 30 minutes and not 45?

3 Draft check · 2 gaps

12-month stability results for batch 3 are missing.

No study is cited for the 2024 method change.

PDF Agency_letter_round_1.pdf

XLSX Dissolution_all_batches.xlsx

DOCX Response_draft_v2.docx

1 Precedent first

Similar past questions, how each was answered and what followed.

2 A reply plan with its evidence

The points to answer, the data each needs and the likely follow-ups.

3 Gaps marked before review

Missing results and uncited claims, marked before your experts sign.

🔒 The dossier stays inside

Submissions and study reports stay on site, with no outside AI.

THE RESULT

Drafts in 3–5 days, not 1–2 weeks

- Reported by the securities firm

3–5 days

for a strong first draft, where it took 1 to 2 weeks of overtime

75%

higher efficiency in replies to its regulator

Formulation and quality data stay on site



No outside AI connection

Matrix runs offline, on site. Outside services only if you approve them.



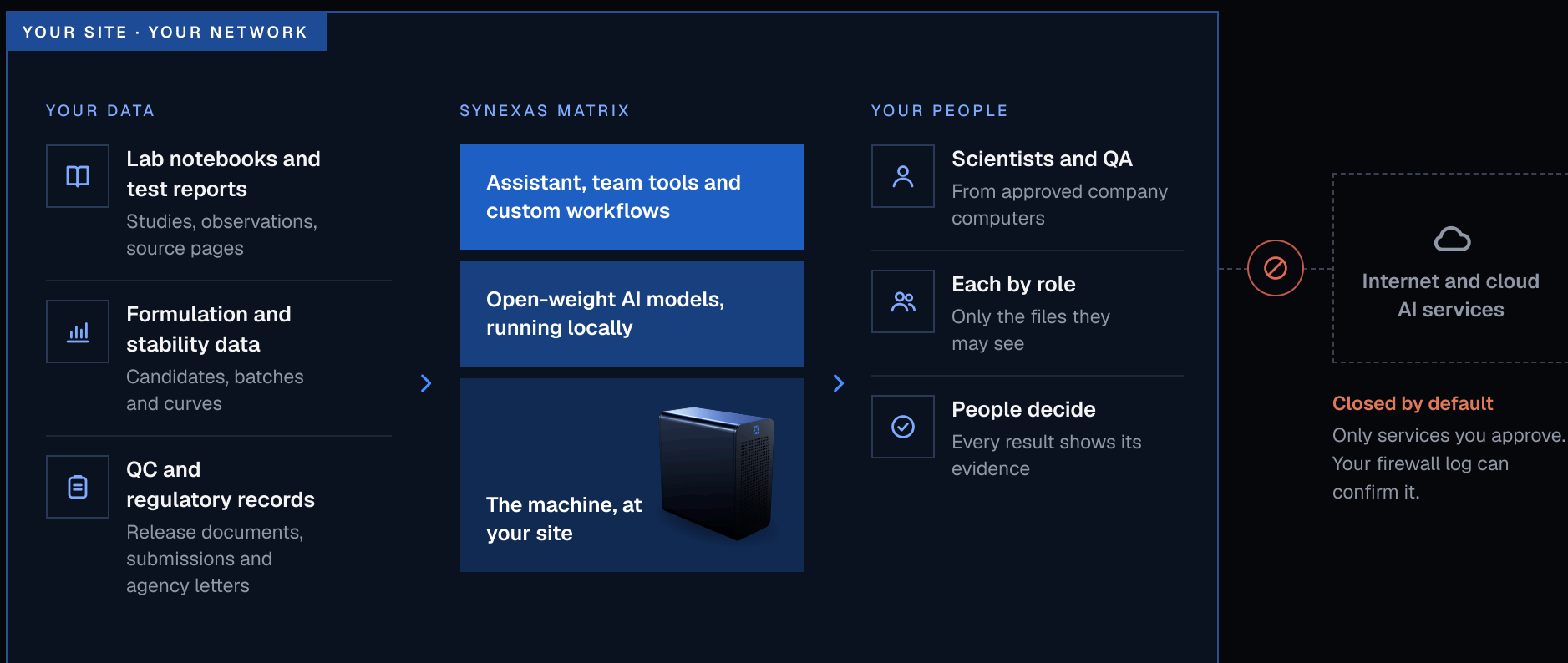
Never sent to an AI provider

Your lab notebooks, reports, QC records, questions and answers stay in your company's local environment.



Your IT team can check

Watch outbound traffic at your firewall: none, unless you approved a service.



How Matrix compares

WHAT MATTERS TO YOUR TEAM	 SYNEXAS MATRIX	CLOUD AI SERVICES	BUILDING IT YOURSELF
Where data is processed	 At your site. On the Matrix hardware, inside your network.	With the provider. The service processes the questions and content supplied for the task.	On servers you buy and run. Where data goes depends on how your team builds it.
Internet required	 No. It works offline by default.	Yes. AI work depends on a connection to the provider's service.	Your choice. Set by how your team builds it.
Who builds the workflow	 Our engineers, around your task, on site.	Your team, with the tools the service provides.	Your engineers, from scratch.
What you pay for	 One agreed price, with no per-token fees.	Usage or plan fees, at the provider's rates.	Hardware, software and your staff's time.

Local deployment does not create automatic compliance or certification.

Your team stays in control

Validation and every scientific or release decision stay with your quality team.

Administration ● On this system · offline

1 Access by role

Role	PX-14	QC	Release
Scientist	✓	—	—
QA reviewer	✓	✓	—
Quality lead	✓	✓	✓
Sales	—	—	—

2 Usage records

Time	Person · use
09:12	A. Chen · Scientist AI Assistant · 5 questions
09:40	M. Patel · QA reviewer Document processing · 14 files read
10:05	L. Gómez · Quality lead AI Meeting Room · 1 meeting
10:21	A. Chen · Scientist AI Assistant · 3 questions

3 Updates and engineer visits

Offline updates
 Offline packages, installed on site in about 30 minutes. Your quality team decides when to install.
 Your team decides

Engineer visits
 Only when invited, on site and supervised. Access is granted and removed by your team.
 Customer supervised

Usage records are kept on this system. Each person opens only their own conversations in Matrix. Validation and every scientific or release decision stay with your quality team.

1 Access by role

Each person sees only the files they are allowed to.

2 Usage records kept on site

The system keeps usage records on your hardware. Each person opens only their own conversations in Matrix.

3 Updates and visits on your terms

Your team decides when to install each offline update. Our engineers work on the system only when you invite them, on site, with access you grant and remove.

Private AI, delivered on site

Synexas Inc. builds and installs private AI for organizations whose data must stay inside, including a securities firm, a construction group, a law firm and an industrial research institute.

50+

Organizations served

20+

Industries deployed

1M+

Monthly agent users

\$2.6M+

Estimated annual value
per enterprise

As of October 2026.

Installed at your site in about 30 minutes

Plug it into power and your network; your IT team assigns an address. Workflows are then set up with your team.



Matrix Team

A desk-side tower that runs on a standard outlet.



Matrix Standard

A tower. Its power and space needs are confirmed for your site.



Matrix Enterprise

Rack-mounted, for your server room.

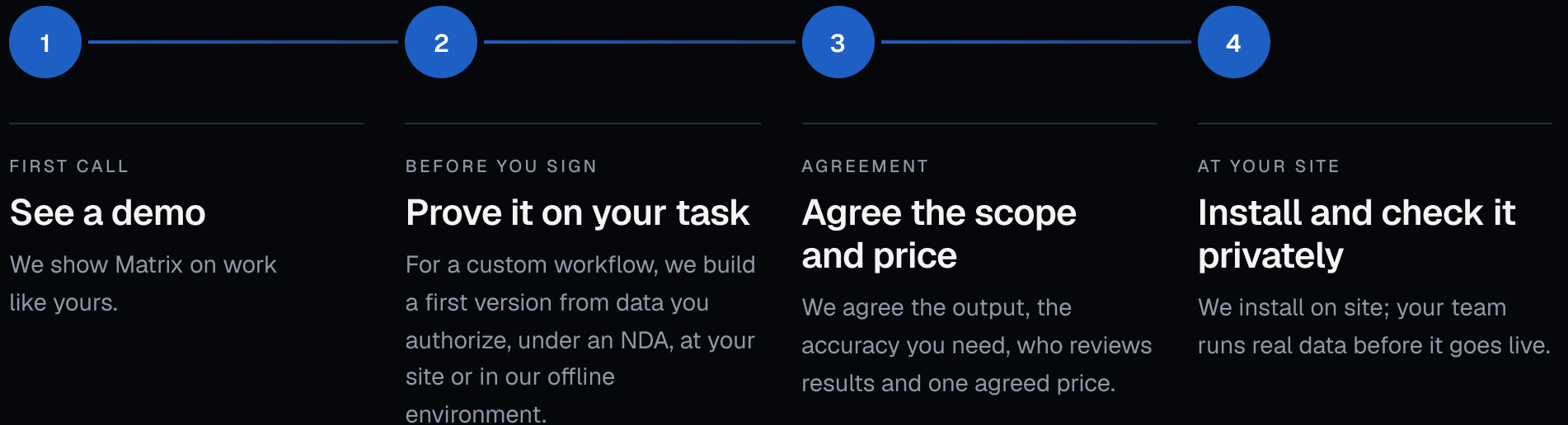


Offline updates

No internet connection needed. Updates arrive as offline packages that your team installs on site.

Start with one task.

You agree a price only after you have seen it in action.



What you see in the demo

The assistant, custom workflows and controls at work on tasks like yours. Bring the one task that takes your team the most time.

Let's make AI useful. For your actual work.

Tell us which formulation, quality or regulatory workflow takes your team the most time. In a 30-minute call, we show what Matrix can do on similar work.

Request a demo →

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 thesynexas.com

FURTHER READING

[Privacy & security](#)

[Common questions](#)

[Purchase guides](#)

