



WHITE PAPER · OCTOBER 2026

The truth about your operation, around the clock.

How VERUS gives an industrial manufacturer an analyst, a data scientist and a project manager that never go home: reading every system it runs, read-only and inside its own network.



The Resonance Institute
verusops.com

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Summary

Most manufacturers do not have a data problem. They have a reach problem: the answers are in their systems, and nobody can get to them in time to act.

The problem. The truth about a plant sits in ERP tables nobody remembers, in spreadsheets that disagree, and in the head of the one person who knows which status code means "shipped". Every question takes a request and a week. The answer that comes back is not fully trusted. Problems surface at month close, after the money is gone.

What VERUS does. VERUS reads every system a manufacturer runs (ERP, maintenance, quality, HR, CRM, spreadsheets and documents), works out what everything means, and puts it into one common language. Then it does three jobs all day, every day: the analyst's daily reporting, the data scientist's watch for what is going wrong and where the money is, and the project manager's work of turning each problem into a plan and checking that the fix worked.

How it stays safe. VERUS runs on one machine inside the customer's network. It can only read, through logins the customer creates and controls. Nothing leaves the network unless an administrator turns it on. Each person sees only what their job needs, and every action is recorded in an audit log the customer owns. AI is optional: turn it off and VERUS still runs.

What setup takes. One machine, a read-only login per system, a certificate and two firewall rules: a few hours of IT time, spread over a week. The install itself takes about six minutes. VERUS maps each system on its own and asks a handful of yes-or-no questions only where it is unsure.

Where it stands. VERUS is built and ready for its first companies. It has been demonstrated end to end on fictional manufacturers we built for demonstrations, with three years of records, and every result we have measured is published with its date, including the ones not yet good enough.

Running on data you cannot reach

Every operator knows the morning: the meeting starts, the numbers are a day old, and nobody agrees on them.

- **The data is there, but out of reach.** A typical mid-sized manufacturer runs an ERP that has been customized for fifteen years, a maintenance system, a quality database, an HR system, a CRM and a few hundred spreadsheets. Each holds part of the truth.
- **Every question is a project.** "Why did scrap jump on second shift?" becomes a request to IT, an extract, a spreadsheet, and an answer a week later that is already out of date.
- **The numbers disagree.** Six plants produce six versions of on-time delivery, each defined a little differently. Owners see the business once a month, in packs someone else built.
- **Bad data hides real problems.** A catch-all reason code swallows half the downtime. Promise dates are moved after the order ships, so on-time looks better than it is. Nobody sees it, because nobody has time to look.
- **Problems are found late.** The scrap spike, the customer going quiet, the maintenance falling behind: each shows up at month close, when the money is already spent.
- **Another system rarely helps.** Most tools add one more thing to feed. The people who run plants do not need more screens. They need to be told, early and plainly, what is wrong and where the money is.

VERUS is built around one idea: the plant's own data should tell its people the truth, every day, without anyone having to ask.

What VERUS is

An analyst, a data scientist and a project manager that never go home.

JOB	WHAT VERUS DOES
The analyst	The daily reporting people build by hand today. A one - page morning brief against the same day last week. Dashboards for each job. Plain answers to questions, with the source shown. Search across the company's own manuals and procedures, with the page cited.
The data scientist	Watches for spikes, drifts and early warnings all day. Tests every watch against the past year before switching it on. Agents written in one sentence and shared with the team. Bad data called out first. Findings ranked by dollars, with outside steel and resin prices alongside so a bad month can be told apart from the market.

JOB	WHAT VERUS DOES
The project manager	From finding to plan, with owners and dates. Each plan carries its own measure, taken when the plan is accepted and taken again on the review date. Open plans stay in the morning brief until they are closed.

What it never does

VERUS never writes to a source system. It observes, analyzes, reports and recommends; people decide and act. This is built into the software, not a setting: the parts of VERUS that connect to other systems have no way to write at all.

Manage by exception

VERUS raises a finding only when something crosses a line. Each person gets a small daily allowance of findings (three for a supervisor, five for a plant manager, five a week for an executive), ranked by money at stake, urgency, whether that person can act on it, and how sure VERUS is. Fewer and better, always. Everything else stays available on demand.

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How it works

Plugs into the systems you already run.

1. **Connect.** An address and a read-only login. Anything with a database, a web service or file exports. Before anything is read, VERUS lists every table it will read and every kind of statement it will send, so whoever approves access can see it first.
2. **It maps itself.** VERUS profiles every table and column, finds how tables link, and works out which table is customers, which column is the promise date, and what each code means. Knowledge of common products gives it a head start; a system it has never seen still gets mapped.
3. **A few yes-or-no questions.** Where it is unsure, VERUS asks the people who know, one short question at a time, most valuable first. A maintenance system in our demonstration took five answers. Nothing it guessed is used until it is confident or a person has confirmed it.
4. **It keeps itself current.** Fast-moving records (scrap, downtime, labor) are read every 15 minutes, a few new rows at a time. Everything else is read overnight in a window the customer sets. Every answer says how current its data is, and staleness is never hidden.

One common language

Every system is mapped into the same business entities: customers, orders, shipments, work orders, scrap, downtime, maintenance orders, employees, opportunities and about forty more. So "on time" means one thing across plants, across ERPs and across companies. A company's own definitions win where they differ from the standard ones, and every answer says so.

Answers from its own copy

VERUS keeps its own copy of what it is allowed to read, on its own machine, and answers every question from that copy. It never sends a query to the ERP while people are asking questions, so production systems carry no extra load during the day.

The calendar and the shift

Fiscal calendars (calendar months, 4-4-5, 4-5-4 or 5-4-4) are a setup choice. Every site has its time zone, and VERUS knows whether each system stores times in UTC or local time. It will not assign an event to a shift until both are known, because getting that wrong is the most common silent error in plant reporting.

A day with VERUS

What a plant manager actually gets, from first thing in the morning to after the night shift starts. The pictures are the real product, at the fictional manufacturers we built for demonstrations.

First thing: the morning brief

A one-page brief waits at the top of the Feed: yesterday's numbers against the same day a week before, the findings that need a decision, the plans under way, and the outside world where it touches the plant's costs. A "Show me" link beside each line goes straight to the row behind it. The brief is built from fixed calculations, so it needs no AI and cannot invent a number.

Open

Morning brief · raised Oct 12, 05:11 PM · given to you Oct 12, 05:11 PM · about 2026-09-28 to 2026-09-28

Report

Your brief for Tuesday 29 September 2026

- On-time delivery dropped to 86% with four customers below the 85% limit (C00060 at 33%, C00036 at 50%, C00002 and C00014 at 75%); only C00002 has a plan
- Overtime hours jumped from 7 to 62 hours, labor efficiency fell to 86% from 88%, and scrap nearly doubled from 9 to 17 units
- Sales shipped rose 181% to \$61,826 and downtime improved from 283 to 165 minutes
- Steel producer prices up 2% and iron-steel up 1% in August; plastic resins down 1%

Monday 28 September, against the same day a week before

Build completion	85.7%	77.8% better
Labor efficiency	86.2%	87.6% worse
Overtime hours	61.88	6.72 worse
Scrap quantity	17	9 worse
Internal rejects	no data for the period	
Downtime minutes	165	283 better
PM completion	100.0%	100.0% same
On-time delivery against the original promise	85.7%	100.0% worse
Sales shipped	61,826	22,027 better
Orders entered	1	1 same
Parts below their safety stock	1	none

Open to you

- On-time delivery (line level) below its limit, customer number C00002 · accepted
- On-time delivery (line level) below its limit, customer number C00014 · no plan
- On-time delivery (line level) below its limit, customer number C00036 · no plan
- On-time delivery (line level) below its limit, customer number C00060 · no plan

The outside world

Nothing in the news since yesterday scores as mattering to your company

- Producer price index: steel mill products: 381.2 in August 2026, up 1.7% on July 2026 · Mentions steel, a key material
- Producer price index: plastic resins and materials: 280.6 in August 2026, down 1.0% on July 2026 · Mentions resin, a key material
- Producer price index: iron and steel: 378.1 in August 2026, up 0.9% on July 2026 · Mentions steel, a key material

Useful

Already known

Not useful

Show the numbers

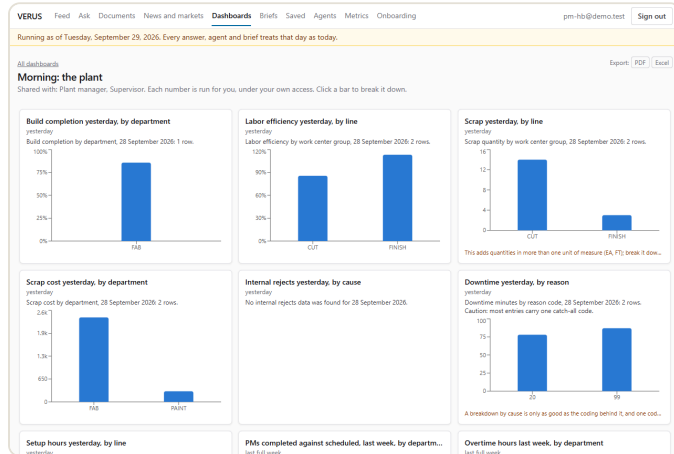
The morning brief for a plant manager. Demonstration data.

During the day: all-day flagging

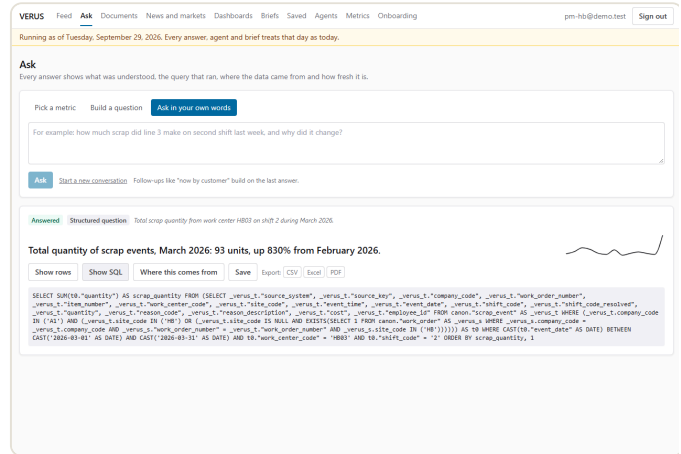
Fast-moving records are read every 15 minutes. Agents marked to run all day look again after every read. If scrap or downtime on a machine is already far past its normal for the day, VERUS raises it while the shift can still act, marked "Right now", and can send a notification to the person's phone. The bar is set deliberately high: on four normal months of demonstration data across nine work centers, it raised four scrap days and two downtime days, and it caught the planted spike.

Working a finding

Each finding says what happened, over what period, how sure VERUS is and roughly how much money is involved. "Show the numbers" re-runs the evidence under the person's own access. Feedback (useful, already known, not useful) teaches VERUS what to stop pushing.



The plant dashboard. Click any bar to break it down.



"How much scrap did HB03 make on shift 2 in March 2026?"
93, against 7 to 39 in the months before.

Asking a question, three ways

- **Pick a metric** from 57 standard measures (on-time delivery, scrap rate, labor efficiency, downtime, PM completion, inventory turns, turnover and more), with a period, a breakdown and an optional "what drove the change".
- **Build a question** from parts: what, which measure, broken down by what, over which dates.
- **Ask in your own words.** AI reads the question; VERUS builds the answer from confirmed records, and says how it understood the question before the answer.

Every answer shows where each number came from, how it was calculated and how current it is.

Agents in one sentence

Anyone can type what they want watched: "Warn me when scrap on any work center runs more than twice its usual in a month." VERUS says it back in plain words, lists anything it cannot do, and tests it against the past year before it is switched on. In our demonstration that test found exactly one month: work center HB03 in March, at \$24,421 of scrap against a usual \$10,705. An agent can run once, every day or on a schedule, and can be shared with the team; each teammate's copy sees only what that teammate may see. VERUS also comes with 27 starter agents, from late work orders to key accounts gone quiet.

VERUS
Feed
Ask
Documents
News and markets
Dashboards
Briefs
Saved
Agents
Metrics
Onboarding
pm-hb@demo.test
Sign out

Running as of Tuesday, September 29, 2026. Every answer, agent and brief treats that day as today.

Feed

What the agents found, within what you are allowed to see. For you holds the few that matter most to you each day; All in my access holds everything else. Agents are set up on the [Agents](#) screen.

Open
Show tracked conditions

For you
All in my access

Open
Customers below 85% on time · raised Oct 12, 05:11 PM · given to you Oct 12, 05:11 PM · about 2026-09-21 to 2026-09-27 · confidence 90%

On-time delivery (line level) below its limit, customer number C00002

75% from 2026-09-21 to 2026-09-27; the limit is 85%.

Useful
Already known
Not useful
Show the numbers
Hide the plan

Recover on-time delivery
accepted
version 1

- Review every late line with scheduling
- Confirm the promise dates with the customer

How we will know it worked: On-time delivery (line level) (customer number C00002) at or above 85% over the 28 days to 2026-10-27, measured again on that date.

Accepted by HB plant manager; the measure stood at 71.4% then.

Start
Done
Abandon
Edit

Open
Customers below 85% on time · raised Oct 12, 05:11 PM · given to you Oct 12, 05:11 PM · about 2026-09-21 to 2026-09-27 · confidence 90%

On-time delivery (line level) below its limit, customer number C00014

75% from 2026-09-21 to 2026-09-27; the limit is 85%.

Useful
Already known
Not useful
Show the numbers
Plan

Open
Customers below 85% on time · raised Oct 12, 05:11 PM · given to you Oct 12, 05:11 PM · about 2026-09-21 to 2026-09-27 · confidence 90%

On-time delivery (line level) below its limit, customer number C00036

A finding with its action plan: four customers below 85% on time; the plan aims for 85% within four weeks, from 71.4% when it was accepted.

From finding to fix, and proof it worked

Any finding can become a plan: steps with owners and due dates, and the measure that will say whether it worked. VERUS takes that measure when the plan is accepted and again on the review date, and says plainly whether the target was met.

The company's own documents

Quality manuals, work instructions, supplier agreements and procedures can be searched in plain words, on the company's own machine, with every claim cited to its page. Each document is visible only to the roles allowed to read it.

The outside world, every morning

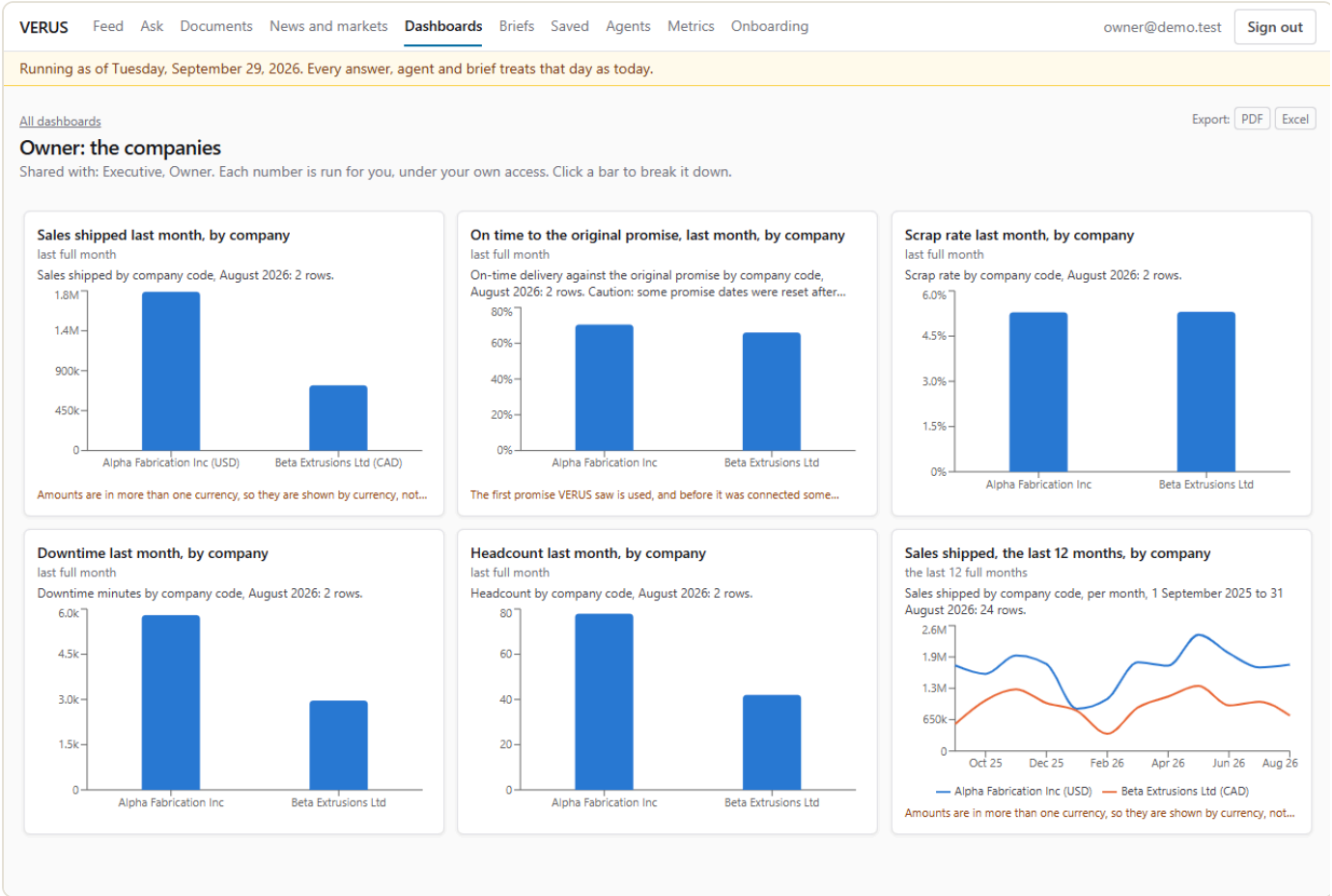
Public figures and news (producer prices for steel and resins, industrial production, energy and diesel, exchange rates, central bank and labor releases) are ranked against the company's own profile. An agent can judge an internal measure against a public series, so a scrap cost jump that steel prices explain is told apart from one they do not. Nothing about the company is sent anywhere to get these figures.

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For the owner

The owner's view puts every company side by side on the same definitions: sales shipped, on time to the original promise, scrap rate, downtime, headcount. Money in different currencies is never added together, and people appear only as counts and rates. In our demonstration, the owner's Feed raised that a company's largest customer by orders, worth \$807,396 over the past year, had gone 107 days without contact. Nobody told the owner; the CRM did.



Numbers you can trust

A number nobody trusts is worse than no number. VERUS is built to earn trust one answer at a time.

- **Every number shows its work.** The source tables and columns, the calculation, the filters, the date range, the person's access, and how fresh the data is. Rows behind any answer are one click away.
- **Fixed calculations before generated ones.** Everyday measures run on definitions the company confirms, with no AI involved. When someone asks in their own words, AI only reads the question; the calculation is built and checked by VERUS. Every number in a written answer must come from the result.
- **Bad data is called out first.** Before anyone confirms a mapping, VERUS shows what the data already says about itself, each finding with the query that proves it. In our demonstration: one reason code holding 56% of downtime; one shift booking a catch-all code on half its scrap while another uses it on none; 1,252 order lines whose promise date was moved to the ship date after shipping. The point is to fix the process, not the report.
- **Three integrity rules.** On-time delivery is measured against the promise made when the order was entered. Build completion uses the schedule as it stood at the start of the day. Any breakdown by cause code comes with a check on how concentrated the codes are. When one of these is in doubt, it is the first thing the answer says.
- **Nothing is hidden.** Stale data says so before the number. A measure the data cannot support yet says "not yet available" and what it needs.

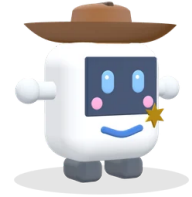
The screenshot shows the VERUS application interface. At the top, there's a navigation bar with links like Feed, Ask, Documents, News and markets, Dashboards, Briefs, Saved, Agents, Metrics, Setup, Onboarding, Review, and Data findings (which is active). The user is logged in as admin@verus.local. Below the navigation bar, a status bar indicates the system is running as of Tuesday, September 29, 2026. The main section is titled 'Data findings' and includes a 'Check again' button. It lists four findings:

- Coding differs** (mfg_sim): Shift 2 records 99 on 50% of scrap events, shift 3 on 0%. The same reason code is used very differently depending on who records it, so totals by reason say more about the shift than the cause.
- Catch-all code** (mfg_sim): One value, 99, is 56% of the reason code on downtime events from DWNLOG. 2,413 of 4,296 rows carry 99; the other 6 values share the rest. A catch-all code hides the real reason.
- Promise dates** (mfg_sim): 1,252 order lines had their promise date set to the ship date after shipping. Of 11,747 shipped lines in SOLIN, 1,252 carry a promise date equal to the ship date and were changed after the shipment (MODDT). On-time delivery then looks better than it was.
- Catch-all code** (hr_sim): One value, VOL, is 79% of the reason on employment events from job_history. 31 of 39 rows carry VOL; the other 2 values share the rest. A catch-all code hides the real reason.

Data findings, shown before anyone confirms a mapping.

Security and your data

A system that reads your ERP, maintenance, HR and CRM data has to earn the right to. VERUS is built so it cannot be the weak point.



Inside your network

VERUS runs on one machine you own, behind your firewall: a Linux virtual machine on your own servers or in your own cloud account. Your data stays on it. There is no VERUS cloud. We never connect to it; when we help, it is on a shared screen with your people, at your invitation.

Read-only, three times over

1. **Your login.** VERUS connects to each system with a read-only login your team creates and controls. We publish the exact script for each kind of database. Switch it off and VERUS stops reading.
2. **No way to write.** The parts of VERUS that connect to your systems have no write, update, delete or create function. It is not a setting someone can turn on.
3. **Every statement checked.** Before any statement leaves VERUS for one of your systems, it is checked to be one plain read and nothing else. 61 hostile statements are tested, and the check refuses every one.

Exactly what can leave your network

Nothing, by default. Each of these is off until an administrator turns it on:

WHEN YOU TURN ON	WHAT IS SENT
An AI model , from the provider you choose, including one in your own cloud or on your own hardware	To map a new system: table and column names, counts, and masked samples (numbers rounded into ranges, text reduced to its shape, anything personal removed). To answer a question typed in your own words: the question and the rows of that one answer, at most 50, at that person's level of access. Never sensitive columns, passwords or whole tables.
Public economic data and news	A request for the public series and feeds you chose. Nothing about your company.
Phone notifications	The headline of a problem found during the day, encrypted end to end for that one phone. No figures unless you choose.

That is the whole list. VERUS has no telemetry, no usage reporting and no update check. It never calls home. Turn the model off and VERUS still runs: dashboards, agents, the morning brief and the data findings all work without one.

Each person sees what their job needs

Access is set by company, site and subject (production, quality, sales, people and so on), and by detail: rows, or totals only. A plant manager's question can only ever see their plant. Plant managers and owners see people only as counts and rates. Pay, medical and other sensitive columns are kept out of everything anyone can ask about. The same rules apply to dashboards, saved questions, exports, document search and agents, which run with their owner's access. 84 hostile queries the guard must refuse and 198 tests of each person's access hold these lines.

Built carefully

- Passwords for your systems are stored encrypted, with a key that stays on your machine or in your own secrets store.
- People sign in with passwords stored only as strong one-way hashes (argon2id). An account locks for fifteen minutes after five wrong passwords in a row, a session ends after an hour unused, and access is set by role.
- Every VERUS process runs unprivileged, never as the machine's all-powerful user, and each install has its own random database password.
- The browser is locked down: VERUS cannot be framed by another site, runs only its own code, and stays on https once you serve it that way.
- Logs carry no data values; anything that looks like a value is scrubbed before it is written.
- Every action (sign-ins, questions, changes and exports) is recorded in an audit log that is yours and never leaves your machine. Entries cannot be edited or deleted, and each is fingerprinted and chained to the one before it, so a changed or removed entry shows.
- One connected system can be removed completely: its stored password, everything VERUS learned about it and its copy of the data, with the rest untouched.
- Nearly 700 automated security tests, never skipped or weakened. Checks run on every change, with every dependency checked against the known vulnerability databases.

What we ask of you

- Create a read-only login for each system, as narrow as you like.
- Serve VERUS over https with a certificate your devices trust.
- Keep the VERUS machine's disk encrypted and backed up, like any server holding business data.
- Let only your own people reach it.

What we have not done yet. We would rather tell you than have you find out.

- **We are not SOC 2 audited.** SOC 2 is an independent audit of how a vendor operates over months, and VERUS is new. Because VERUS runs on your machines and we never hold your data, most of what that audit protects is already in your hands. We will begin a SOC 2 audit when a customer needs it; until then we answer your security questionnaire in full.
- **Single sign-on and two-factor sign-in** are designed for and not yet built. People sign in with a password of at least 12 characters.
- **No independent penetration test yet.** We will have one done before VERUS runs at its first companies, and share the summary.

To report a security issue, write to contact@resonanceinstitute.com with "Security" in the subject. We acknowledge every report within two business days.

8 What it reads

If it has a database, a web service or exports files, VERUS can read it. Three ways in cover almost every system a manufacturer runs.

WAY IN	COVERS
A read-only database login	SQL Server, which most on-premises ERPs run on (Dynamics AX, Epicor, SYSPRO and many others), PostgreSQL, MySQL and MariaDB, Oracle, IBM Db2 including IBM i (AS/400), and cloud warehouses: Snowflake, BigQuery, Redshift, Databricks, Azure Synapse and Microsoft Fabric.
A vendor's web service	Cloud HR, CRM, maintenance and ERP products, through a read-only API user: for example ADP Workforce Now, Paycom, UKG Pro, Workday, Salesforce, HubSpot, Dynamics 365 Sales, Zoho CRM, IBM Maximo, Limble, UpKeep, eMaint and Dynamics 365 Business Central.
Files	CSV and Excel exports from a folder, an SFTP server or a network share, read-only. Plans and budgets from the data under your BI tool, or a simple spreadsheet. Documents (PDF, Word, Excel, PowerPoint, text and email) for search.

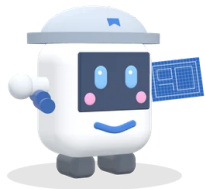
VERUS carries prior knowledge of many common products (Dynamics AX, Epicor Kinetic, Infor CloudSuite Industrial, NetSuite, SAP Business One, Fiix and the web services above). That knowledge gives it a head start, and it is always confirmed against your own installation during setup: no two installations are the same. A product VERUS has never seen is still mapped, from the data itself.

Built for how plants really differ

Several ERPs, companies and plants in one installation. A system replaced partway through history. Huge tables. Custom fields. Codes nobody documented. Several currencies. Shifts that cross midnight. Schedules kept outside the ERP. Each of these is handled as a setting, never as custom code for one customer.

9
Setting it up

One machine, a read-only login per system, a certificate and two firewall rules.



STEP	WHO	ABOUT
A machine for VERUS. A Linux virtual machine on your servers or in your cloud account: 4 CPUs, 16 GB of memory, 50 GB of disk plus about twice the size of the data you connect, encrypted and backed up, with Docker. Windows Server with Docker also works.	Your IT team	an hour
The network. Inbound https from your own users only, nothing from the internet. From the VERUS machine to each system on its own port. No outbound internet is required.	Your IT team	half an hour
A certificate your devices trust, for a name such as verus.yourcompany.internal.	Together	half an hour
A read-only login for each system, as narrow as you like. We provide the exact script.	Your IT team	15 minutes each
Install and connect, on a shared screen. You type each password into VERUS yourself; it is stored encrypted, on your machine.	VERUS team	6 minutes to install, about an hour per system
People and access. An administrator adds your people, each with the companies, sites and subjects their job needs.	Together	half an hour

A few hours of your team's time in all, spread over a week. These times are our estimates; the install itself is measured. Data findings arrive as soon as a system is read, before anyone confirms anything.

What VERUS never needs

- Write, change or admin rights on any system
- A way in from the internet
- Remote access for us
- Changes to your ERP or any other system
- An AI model, if you prefer to run without one

What you keep

- The machine, the data on it, and its backups
- Every read-only login, and the power to switch it off
- The audit log of everything done in VERUS
- The encryption key for stored passwords
- Your definitions, codes and rules, if you ever leave

10

What we have measured

Every result we have measured, with the date it was measured. All of it is on the fictional manufacturers we built for demonstrations and on Microsoft's public sample database, because VERUS has not yet run on a company's own data. The low numbers stay in.

173 / 173

reference questions answered
correctly on the confirmed path

6 minutes

to install, measured on a clean
machine

15 minutes

between looks at fast-moving
records like scrap and downtime

The demonstration group

Two fictional manufacturers we built for demonstrations: Alpha Fabrication in the United States, with plants HB and KC, and Beta Extrusions in Canada. Three years of ERP records, plus an HR system, a CRM and a maintenance system, company documents, and live public market data. The data is deliberately hard: abbreviated table names, undocumented codes, a catch-all reason code, promise dates overwritten after shipping, three shifts with different coding habits, and problems planted for VERUS to find.

Answering on the confirmed path

173 of 173 reference questions answered correctly using the definitions people confirm (12 October 2026): ERP 55, a second ERP 43, HR 25, CRM 25, maintenance 25. Reference answers were written against the raw tables, independently of VERUS's own mapping.

Mapping a system by itself, before anyone reviews it

SYSTEM	RIGHT UNAIDED	AFTER REVIEW	MEASURED
Maintenance system	100%	100%	10 Oct 2026
HR system	94.3%	94.3%	10 Oct 2026
Legacy ERP	90.3%	not remeasured	1 Oct 2026
CRM	83.6%	87.7%	10 Oct 2026
Second ERP (Microsoft's sample database)	73.2%	not remeasured	1 Oct 2026

The second ERP is below our 90% target. Its causes have been worked on but it has not been measured again. Whatever VERUS is not sure of goes to a person before it is used.

Questions in people's own words

SYSTEM	CORRECT	TYPICAL ANSWER	MEASURED
Legacy ERP	68.2%	7.6 seconds	3 Oct 2026
Second ERP	47.7%	7.7 seconds	3 Oct 2026

These are well below where they need to be, and we say so. They are why VERUS answers everyday questions from confirmed definitions first, and why every answer in someone's own words shows how VERUS understood the question.

Finding problems

- Every problem planted in the demonstration data was found, and nothing else was raised except two overtime months that are genuinely in the data.
- On Microsoft's sample database, one finding: a real six-fold jump in scrap in one month.
- All-day flagging on four normal months: four scrap days and two downtime days raised across nine work centers, and the planted spike caught.

Documents and setup

- Document search, 34 questions: the right passage first 94.1% of the time, in the top three 100%; restricted documents shown to someone not allowed to read them: none.
- Install on a clean machine: 5 minutes 53 seconds.
- AI use for a full 20-minute demonstration: about 18 cents. A repeated question costs nothing.
- More than 1,500 automated tests, more than 650 of them security tests, all run before each release.

Who it is for

Built for the people who run the plants and the people who own them. Manufacturing and industrial plants first.

WHO	WHERE VERUS EARNS ITS PLACE
Plant managers	"You run the plant, and the reporting runs you." The morning brief, problems found before anyone asked, every fix turned into a plan.
COOs and operations leaders	"Six plants, six spreadsheets, and the numbers never agree." One set of definitions, bad data flagged, findings ranked by cost.
Owners, private equity, holding companies and boards	"You see your companies once a month, in packs someone else built." Every company on the same definitions, currencies never added together, a key customer gone quiet raised to the owner.
Buyers after closing	The first 100 days: a data health report, a baseline from the company's own systems, findings that feed the 100-day plan.
Platform companies	Folding in an add-on: its ERP mapped to the platform's definitions with no ERP project, side by side from the first month.
New leaders	The real picture in days, and the difference between a fact and a habit.
Improvement and cost programs	Proof the improvement worked: the measure taken again on the review date, with outside prices separating the market from performance.
Owners preparing a sale	The data health report shows what a buyer's diligence would question. VERUS has not yet been used in a sale.

VERUS opens one industry at a time. Each industry's vocabulary, measures and starter agents are built with a design partner on real data and proven before they are offered. Manufacturing and industrial plants come first.

What it costs

Priced per plant, not per person. Everyone from the floor to the controller to the owner can use it.

ITEM	PRICE
License, one or two plants	\$3,000 per plant per month, billed yearly
License, three or more plants	\$2,500 per plant per month
Setup, first system (usually the ERP)	\$10,000, fixed
Setup, each additional system	\$3,000, fixed
Additional working days, if wanted	\$2,000 a day, agreed in advance
Holding companies and PE portfolios	Per company and per plant, on quote

- **Unlimited users.** The license includes the morning brief, dashboards, findings and plans, every starter agent and every agent your people build and share, outside market data, the owner's view, updates and support.
- **Setup** covers the read-only connection, the mapping and up to two working sessions per system. You keep a data health report even if you stop after setup. Remote by default; one on-site kickoff day is recommended, with travel at cost.
- **Thirty days free, once it is working.** The clock starts when VERUS is connected and its learning confirmed, not at signing.
- **What you never pay for:** seats, moving your data, or an AI model you did not choose.

Design partners. VERUS has run only on our demonstration group so far. The first companies to run it on their own data pay 60% of the setup fee and 60% of the first year's license, then list price. In return we ask for feedback, a reference if VERUS earns one, and permission to publish results without your company's name.

Where VERUS stands

- **Built.** Everything in this paper exists and runs today: connecting, self-mapping, the review questions, data findings, the 57 measures, dashboards, briefs, questions three ways, all-day agents, agents from a sentence, action plans, document search, outside data, the owner's view, phone notifications, roles, audit and exports.

- **Demonstrated, not yet deployed.** VERUS has run end to end on the demonstration group, from a fresh install. It has not yet been installed at a company. The first companies will set the real setup times and the first published results.
- **Several companies in one installation** work today. One view across companies that each run their own installation is next, built with the first group that needs it.
- **Next to be built:** reading a data room on a deal timeline, for diligence before a purchase.

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Next steps

See VERUS run on your business

- **A live demonstration:** twenty minutes on a video call, on the demonstration group, or starting from the owner's view.
- **The IT checklist and security pack:** the scripts for every database, the exact outbound addresses, the data handling statement, and answers to your security questionnaire.
- **A design partner place:** VERUS on your own data, inside your network, on design partner terms.

verusops.com/get-started · contact@resonanceinstitute.com

Watch the two-minute tour of the real product at verusops.com. Security details at verusops.com/security; the IT checklist at verusops.com/connect; every measured result at verusops.com/evidence.

About The Resonance Institute

VERUS is built by The Resonance Institute, LLC, of Huntington Beach, California: an independent studio for rigorous thought and the tools that come from it.

All figures in this paper come from the fictional manufacturers we built for demonstrations and from Microsoft's public sample database, measured on the dates shown. Product names are the trademarks of their owners and are named only to describe the systems VERUS can read; no endorsement is implied. VERUS White Paper, version 1.2, 19 October 2026.