VIRAUTO

Installation manual

How to put VirAuto on a workshop's own PC, connect the tablets and office computers, keep the data backed up, and update it later. For whoever installs and looks after VirAuto.

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1. How VirAuto runs

VirAuto runs on **one Windows PC in the workshop** (the server). Every other computer, tablet and phone uses it in a web browser over the workshop's own network. Nothing is in the cloud and nothing needs to be installed on the other devices.

Part	What it is
The server	One Windows 10 or 11 PC that stays on. It holds the program and the database.
The office	Any PC on the network, in a browser: `http://<server>:3300/`
The workshop tablet	Any tablet on the network, in a browser: `http://<server>:3300/kiosk.html`
VirAuto Control	A desktop app on the server: start, stop, backups, email and the log (section 5).
Port	**3300** (so it can sit beside other programs on the same PC)
The data	One file, `backend\virauto.sqlite`, copied every night to a backup folder
Languages	English and Croatian, chosen on each device
The subscription	VirAuto fetches its licence from VIR Systems over the internet by itself, every few hours. Without a valid licence it is **read-only** (section 4).

VirAuto **starts with Windows, before anyone signs in**. Three Windows scheduled jobs look after it:

Job	When	What it does
`VirAuto-Server`	when Windows starts, then every minute	Runs the **supervisor**, which starts VirAuto and keeps it running: a stopped server is started again within seconds, and one that stops answering is restarted. A second copy of the supervisor leaves at once.
`VirAuto-Backup`	every night at 02:00	A checked copy of the database into the backup folder. 30 days are kept.
`VirAuto-Reminders`	every morning at 07:30	Emails the list of customers to call - only if email is set up, and only when the list has something new.

> The jobs run as the Windows account that installed VirAuto, **without anyone signed in**. The installer asks for administrator rights once to set this up. If that is declined, the jobs run only while that account is signed in - then set the PC to sign it in automatically.

Stopped on purpose stays stopped. When somebody stops VirAuto (Stop in VirAuto Control), the supervisor keeps it down - also after a restart of the PC - until somebody starts it again.

2. What you need

Item	What to get
Server PC	Windows 10 or 11, a desktop or mini PC that stays plugged in (not a laptop that gets carried away or goes to sleep). 8 GB RAM and an SSD are plenty. On day and night, with sleep switched off; nobody needs to be signed in.
Administrator rights	Once, while installing (a Windows prompt).
Node.js	Version 18 or newer, the **LTS** installer from nodejs.org.

Item	What to get
Internet	While installing: the installer downloads VirAuto's parts and VirAuto Control (about 100 MB), and VirAuto fetches its licence (the free trial starts then). After that, now and then: VirAuto renews its licence every few hours, and a licence lasts weeks, so days without internet change nothing.
Backup disk	A USB drive left plugged in, or a second internal disk. Not the disk the database is on - and not a network share: the nightly job runs without anyone signed in, so it can't reach one.
Network	The workshop router. The server on a cable, with a fixed address (a DHCP reservation in the router).
Tablets	Any tablet with a browser (Android, iPad, Windows). One per workshop area or per mechanic.
Office PCs	Any PC with a browser, on the same network.
Printer	For work orders, priced summaries, estimates, purchase orders and tyre tags (A4).
Email (optional)	An email account VirAuto can send from, for the morning list of calls. With Gmail, an *app password*.
The release	`VirAuto-<version>.zip`

What to get from the workshop before the visit

- ☐ The workshop's name, address, OIB, phone, email and IBAN (printed on every document).
- ☐ VAT rate, labour rate per hour, and which language documents should be printed in.
- ☐ The work bays or lifts, by name.
- ☐ Everybody who will use VirAuto: name, a username, and their role (Admin, Service advisor, Parts, Mechanic).
- ☐ The shelves in the parts store, and the shelves in the tyre store.
- ☐ Their usual parts suppliers.
- ☐ Where the backups should go, and the email details if they want the morning list.

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3. Installing

3.1 Install Node.js

The double-click installer (3.3) can do this for you: it offers **Install Node.js** when it's missing. By hand:

1. Download the **LTS** installer from nodejs.org and run it with the defaults.
2. Open a **new** PowerShell window and check it:

   ```
   node --version
   ```

   It should print v18 or higher.

3.2 Put the files in place

1. Unzip `VirAuto-<version>.zip`: right-click it, **Extract All...**.
2. For the double-click installer (3.3) that's all - it copies VirAuto to its own folder. For the installer by hand (3.4), unzip it straight to where it will live, for example `C:\VirAuto`.
3. Don't use a folder that OneDrive or another sync program copies (the Desktop or Documents often are), and don't leave it in Downloads.

3.3 The easy way: double-click Install VirAuto

In the unzipped folder, double-click **Install VirAuto** (`Install VirAuto.cmd`), signed in **as the Windows account VirAuto will run as**. A window opens, in English or Croatian (it follows Windows; the switch is at the bottom left), and goes through the install a page at a time:

Page	What it asks or does
Welcome	Checks Node.js (and offers to install it), that every file of the release is complete, and whether VirAuto is already on this PC.
Folder	Where VirAuto goes - `C:\VirAuto` is suggested. It copies **only the files the release lists** there, each one checked. Afterwards the unzipped folder can be deleted.
Your workshop	The name (needed), address, OIB, phone and email. They go on the printed documents, and with the first check-in VIR Systems sees whose free trial has started. All of it can be changed later in **Settings**.
Your PIN	The `admin` account's PIN: 6 digits or more, not one digit repeated or a run like 123456.
Backups	Where the nightly backup goes - it suggests a `VirAuto-backups` folder on another disk. Not a network folder: the night-time backup runs without anyone signed in, and then Windows doesn't let it reach the network.
Morning email	Optional (section 9): the server (Gmail is filled in), the address it's sent from, the password - with Gmail an **app password** - and who gets it.
Options	Open the firewall for the office PCs and tablets, start VirAuto at the end, install VirAuto Control, put shortcuts on the desktop and in the Start menu.
Install	Runs `install.ps1` with those answers and shows its progress. Windows asks **once** for administrator rights - say **Yes** (see 3.5 for what they're for).
Finish	The addresses for the other PCs and tablets, the subscription (the install id, **Check now**, **Install a licence file**), **Send a test email**, and anything that still needs a person.

The PIN and the email password never appear on a command line or in the setup log; the log is kept as `backend\logs\install-<date>.log`.

Running it again from the installed folder (`C:\VirAuto\Install VirAuto`) is how to add the morning email or change the workshop's details later. It finds what's there, keeps the PIN when its boxes are left empty, and - like the installer underneath - never overwrites the database, a PIN or the email settings that already exist. On a PC that already runs VirAuto from another folder it refuses: that VirAuto is updated (section 10), not installed again.

To try the wizard without changing anything in Windows - in a scratch folder - start it as a **rehearsal**: it then registers no jobs, leaves the firewall and shortcuts alone, doesn't start VirAuto and doesn't contact the licence server.

```
powershell -ExecutionPolicy Bypass -File setup-wizard.ps1 -Rehearsal
```

3.4 By hand: dry run

The same install can be run from PowerShell instead - over a remote session, or from a script. Open PowerShell **as the Windows account VirAuto will run as**, go to the folder and see what the installer would do:

```
cd C:\VirAuto
powershell -ExecutionPolicy Bypass -File install.ps1 -DryRun
```

Nothing is changed by a dry run.

3.5 By hand: run the installer

```
powershell -ExecutionPolicy Bypass -File install.ps1 -AdminPin 482915 -BackupDir E:\VirAuto-backups
```

- `-AdminPin` sets the PIN of the `admin` account: 6 digits or more, digits only. Choose your own; the one above is only an example.
- `-BackupDir` is where the nightly backups go. Use another disk.

The installer is **safe to run again**: it never overwrites a database, a PIN or the email settings that already exist. It prints each step:

Step	What you should see
Checking this machine	`[ ok ] Node v20...`, `VirAuto files found`, `npm found`
Installing dependencies	`dependencies installed` (a minute or two the first time)
Database	`database created, with the admin account` (or `existing database kept as it is`)
The admin account	`admin PIN set`
The workshop	`not given here` - fill it in in **Settings** (the double-click installer saves it here)
Backups	`backups will go to E:\VirAuto-backups`
Email for the morning reminders	`not set up` - that's fine, see section 9 (or `email is set up`, when it was given in the double-click installer)
Starting with Windows	Windows asks for administrator rights - say **Yes**. Then `VirAuto-Server registered - runs without anyone signed in` (and the same for Backup and Reminders) and `firewall opened for port 3300`.
Letting other machines connect	The office and tablet addresses, and `shortcuts for other machines written`
VirAuto Control	`VirAuto Control installed` (about 100 MB the first time) and `VirAuto Control is on the desktop and in the Start menu`
Starting VirAuto	`VirAuto <version> is running.`
The subscription	`VirAuto is licensed` - the 30-day free trial has started (it needs the internet)
Where things stand	`Install finished.` and anything left under `Still needs a person:`

The administrator prompt is the only step that needs those rights; it covers the start-up jobs and the firewall together. If it's declined, the jobs are registered to run only while this account is signed in, and the installer says so under `Still needs a person:` - run it again and accept the prompt.

3.6 What the installer leaves behind

- **VirAuto Control** on the desktop and in the Start menu (section 5).
- `for-other-machines\` - two shortcuts, **VirAuto office.url** and **VirAuto workshop tablet.url**, with this PC's address in them. Copy them to the other PCs, or email them to the tablets.
- A **VirAuto** shortcut on this PC's desktop and in the Start menu (the office in the browser).
- `backend\.env.mail` - the email settings: empty, or filled in by the double-click installer (section 9).
- The firewall rule **VirAuto (port 3300)**, for private and domain networks.

3.7 Installer switches

Switch	What it does
`-AdminPin <pin>`	Sets the admin account's PIN (6+ digits).
`-BackupDir <folder>`	Where the nightly backups go. Default: `C:\VirAuto-backups`.
`-DryRun`	Prints every step, changes nothing.
`-SkipStart`	Installs, but leaves VirAuto stopped (start it from VirAuto Control).
`-SkipTasks`	Doesn't register the scheduled jobs.
`-SkipFirewall`	Doesn't touch the firewall.
`-SkipDeps`	Skips `npm install` (the folder already has `backend\node_modules`).
`-SkipControl`	Doesn't install VirAuto Control.
`-SkipShortcuts`	No shortcuts on the desktop or in the Start menu.
`-Force`	Reinstalls the dependencies even if they're there.

Every command, with all its options, is in the **Command reference**.

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4. Checking it works

1. On the server, open **http://localhost:3300/** and sign in as `admin` with the PIN you chose.

   If no `-AdminPin` was given, the starter PIN is `123456`. Anyone who has read this manual knows it, so VirAuto shows a red warning on Home until it's changed - change it straight away under **Home → Your PIN**.
2. Open **VirAuto Control**. It should say **VirAuto is running**, the supervisor **On watch**, and Start-up **Starts with Windows, before anyone signs in**.
3. Press **Back up now** in VirAuto Control and see the backup appear in the backup folder (**Open folder**).
4. From **another device** on the network, open the office address from `for-other-machines\`. If it doesn't load, see section 11.
5. **Restart the server PC and don't sign in.** From another device, VirAuto answers within about two minutes of Windows starting. This proves it starts on its own.
6. **Settings → Subscription** says *Free trial: 30 days left*. If it says *read-only*, see **The subscription** below.

The same checks as commands, in `C:\VirAuto\backend`:

```
node setup.mjs status
node backup.mjs
node setup.mjs licence
```

The subscription

VirAuto is paid for monthly. It holds a **licence**: a small file (`backend\licence.json`) signed by VIR Systems, valid until a date. VirAuto fetches a fresh one from the licence server **by itself**, every few hours (every half hour while it's read-only), so the date keeps moving forward while the subscription is paid. Nothing has to be done by hand.

State	What it means
Free trial	A new install's first check-in starts a 30-day free trial. The admin sees the days left in a blue bar, with **Subscribe**.
Subscription paid until ...	Paid. The licence runs a few weeks past the paid date, so a late payment or days without internet change nothing.
Payment due	The paid date has passed. An amber bar says when VirAuto becomes read-only unless it's paid.
Read-only	Not activated yet, the trial ended, or the subscription ended. Everything can still be looked at, searched, printed and exported, but nothing new can be added or changed. A red bar says so, and every refused button says why.

While it's read-only these still work: signing in and out, changing PINs and accounts, stopping a timer that is running and clocking out (no work already under way is trapped), and everything on **Settings** → **Subscription**. Nothing is ever deleted - paying again brings everything back as it was.

Activating a new install. The installer does it at the end (*The subscription* step): the first check-in starts the free trial. If that PC had no internet at the time, it is read-only until it has - then press **Check now** on **Settings** → **Subscription** (or in VirAuto Control), or wait for the next check-in.

After paying, VIR Systems updates the subscription; press **Check now** so the shop doesn't wait a few hours.

No internet at all? VIR Systems can send a licence file. It needs this install's **install id** - on **Settings** → **Subscription** (with **Copy**), in VirAuto Control, or `node setup.mjs licence-id`. Install the file with **Install a licence file...** on that page, in VirAuto Control, or `node setup.mjs install-licence <file>`.

What the check-in sends to VIR Systems: the install id, the VirAuto version, the state of the licence, whether the program's files are as shipped, and the workshop's name, email and phone from **Settings** (so we know who is trying VirAuto). Nothing about customers, cars, repair orders, money or staff is ever sent. The licence server is `licence.vir.systems` (HTTPS, port 443) - a firewall that blocks it leaves VirAuto read-only once the licence runs out.

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5. VirAuto Control

VirAuto Control is the desktop app for looking after VirAuto on the server PC. Open it from the desktop or the Start menu. The language (EN / HR) is at the top right; light or dark follows Windows.

Part	What it shows and does
Status	**VirAuto is running** (green, with the version and how long it's been running), **Stopped on purpose** (amber, who stopped it and when), **Starting...**, or **Not running** (red).

Part	What it shows and does
Supervisor	**On watch** while the supervisor is running, with how many restarts it made in the last hour and any problem it found.
Start-up	**Starts with Windows, before anyone signs in** - or, in red, that it only starts at sign-in, or that there's no start-up job.
Working now	Who is clocked in or timing a job.
Start / Restart / Stop	**Start** starts VirAuto. **Restart** restarts the server (a few seconds; people stay signed in). **Stop** asks first, naming anyone who's working, then stops VirAuto **on purpose** - it stays stopped, also after a restart of the PC, until Start is pressed.
Open VirAuto	Opens the office or the workshop tablet page, and shows the addresses other devices use, with **Copy**.
Backups	The folder and the last backup (in red if something's wrong). **Back up now**, **Open folder**, **Change folder...**
Morning email	Whether it's set up. **Edit settings** opens the settings in Notepad; **Send a test email**.
This installation	The version, the workshop's name, the folder - and a warning while anyone still uses the starter PIN.
Log	The latest lines of the log, newest first; tick **Only warnings and errors** to narrow it. **Open log folder**.

VirAuto Control only looks after VirAuto - closing it changes nothing; VirAuto keeps running.

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6. Tablets and office PCs

Workshop tablets

1. Connect the tablet to the workshop network.
2. Open the **VirAuto workshop tablet** address, for example `http://192.168.1.20:3300/kiosk.html`.
3. Add it to the home screen (Chrome: menu → *Add to home screen*; Safari: Share → *Add to Home Screen*).
4. Tap the **cog** at the top right to choose the language (English or Hrvatski) and light or dark. This is remembered on that tablet for everyone who signs in on it.
5. In the tablet's own settings: screen timeout long, keep it on a charger, and turn off battery saving for the browser.

Each mechanic signs in with their username and PIN. Signing in clocks them in; logging out clocks them out. Each browser tab has its own sign-in, so two people can share a tablet in two tabs.

Office PCs

Open the **VirAuto office** address (or copy the shortcut onto the desktop) and sign in. Everyone's own choice of language and appearance is under the cog.

If the address changes

The shortcuts contain the server's address. If the router gives the server a different address, the shortcuts stop working - give the server a fixed address in the router (a DHCP reservation). VirAuto Control shows the current addresses under **Open VirAuto**; or:

```
cd C:\VirAuto\backend
node network-info.mjs
```

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7. Setting up the workshop

Sign in as `admin`. Home shows a **Finish setting up** list that empties as you go. Work through it in this order (the user manual describes each page):

1. **Settings** - the workshop's name, address, OIB, phone, email and IBAN; currency, VAT and the labour rate per hour; the language documents are printed in; how long estimates are valid; the note at the foot of the priced summary; the number series; the service interval and how far ahead to remind; and the **work bays**.
2. **Staff** - an account for each person, with their role and PIN. Office accounts need at least 6 digits, mechanics at least 4. Give each PIN to that person only.
3. **Parts & stock → Shelves** - the shelf codes.
4. **Purchasing → Suppliers** - the usual suppliers.
5. **Parts & stock → Parts** - the parts kept in stock, with cost, price, minimum and usual supplier. (They can also be added as they come up.)
6. On each tablet, each mechanic signs in and logs out once, to check their PIN.

Acceptance run

Before handing over, run one real car through with the workshop (it simply stays in the history):

- ☐ Check a car in (**Repair orders → New repair order**), print the work order.
- ☐ Add a job with hours, give it to a mechanic, and add a part from stock.
- ☐ On a tablet, the mechanic starts and stops the job, marks it done, adds what they found and taps **The car is ready**.
- ☐ Back in the office, the car shows under *Ready - call the customer* on Home.
- ☐ **Close - car collected**, print the priced summary.
- ☐ Check the time shows under **Time & reports**.

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8. Backups and restoring

What happens every night

At 02:00 the `VirAuto-Backup` job copies the database into the backup folder, checks the copy (row counts and integrity), writes a checksum beside it, and deletes backups older than 30 days. Its log is `backend\logs\backup.log`.

VirAuto Control (in red) and Home (for the admin) warn when:

- the backup folder can't be reached (is the drive connected?),
- there's no backup yet,
- the last backup is more than a day old,
- the backups are on the same disk as the database.

Change where backups go, or make one now

In VirAuto Control: **Change folder…** and **Back up now**. Or, in `C:\VirAuto\backend`:

```
node setup.mjs set-backup-dir E:\VirAuto-backups
node backup.mjs
```

Changing the folder checks it can be written to and warns if it's on the same disk as the database. Backups already in the old folder stay there.

Restore a backup

A restore replaces the live database with a backup. Everything entered since that backup is lost, so be sure.

1. **Stop** VirAuto in VirAuto Control (or `node setup.mjs stop` in `C:\VirAuto\backend`).
2. In the `backend` folder, list the backups (each one is checked):

   ```
   cd C:\VirAuto\backend
   node restore.mjs
   ```

3. Restore the newest good one, or a particular file:

   ```
   node restore.mjs latest
   node restore.mjs virauto-2026-10-09T00-00-00-000Z.sqlite
   ```

   A backup whose checksum doesn't match is refused. Whatever was there before is kept beside the database as `virauto.sqlite.before-restore-<time>` - never deleted.

4. Check the data, then **Start** VirAuto in VirAuto Control (or `node setup.mjs start`).

Moving VirAuto to a new PC

1. Install VirAuto on the new PC (section 3), with its own backup folder.
2. Copy the newest backup from the old PC - the `.sqlite` file **and** its `.manifest.json` - into the new PC's backup folder.
3. On the new PC, Stop VirAuto, restore the backup as above, and Start it.
4. Give the new PC the old one's fixed address, or send everyone the new shortcuts.
5. On the old PC, press **Stop** in VirAuto Control and remove the three VirAuto jobs (see the Command reference).
6. The new PC has its own **install id**. Send it to VIR Systems (**Settings → Subscription**) so the subscription moves with it; until then the old PC's licence keeps working on the new one until its date.

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9. The morning email (optional)

Each morning at 07:30 VirAuto can email the list of customers to call (services, registrations and tyres due). It only sends when the list has something new.

1. In VirAuto Control, press **Edit settings** under Morning email (or open `C:\VirAuto\backend\.env.mail` in Notepad) and fill it in:

   ```
   MAIL_HOST=smtp.gmail.com
   MAIL_PORT=465
   MAIL_USER=workshop@gmail.com
   MAIL_PASSWORD=<the app password>
   MAIL_FROM=
   MAIL_TO=office@workshop.hr
   ```

With Gmail, `MAIL_PASSWORD` is an **app password** (Google account → Security → 2-Step Verification → App passwords), not the account's own password. Other providers: their SMTP server and port.

2. Save, then press **Send a test email** in VirAuto Control (or `node setup.mjs test-mail` in the `backend` folder). It says whether it was sent, or why not.

> `.env.mail` holds a password. Never copy it elsewhere or send it to anyone.

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10. Updating

A new version comes as a new `VirAuto-<version>.zip`. `CHANGELOG.md` inside it says what changed.

1. Pick a time when nobody is clocked in or timing a job (the update refuses otherwise), and **close VirAuto Control**.
2. Unzip the new release **anywhere except** the installed folder - the Desktop is fine.
3. In PowerShell, go to the **unzipped** folder and run its `update.ps1`:

```
cd C:\Users\<you>\Desktop\VirAuto-0.2.0
powershell -ExecutionPolicy Bypass -File update.ps1 -DryRun
powershell -ExecutionPolicy Bypass -File update.ps1
```

The update:

1. checks every file of the release, and that it's newer than what's installed,
2. refuses while somebody is clocked in or timing a job,
3. stops VirAuto (the supervisor keeps it down while the files change),
4. makes a checked backup,
5. keeps a copy of every file it replaces in `update-history\` (the last three updates),
6. copies the new files in, and installs new dependencies if needed (VirAuto Control's too),
7. starts the new version on a spare port first and checks it answers - if it doesn't, everything is put back and the old version is started again,
8. starts VirAuto and checks the version. If VirAuto was stopped on purpose before the update, it's left stopped.

The data is only changed by the new version itself, when it starts, and only by adding.

> Updating from version 0.1.x: afterwards, run `install.ps1` once more in the installed folder. That switches VirAuto to starting with Windows under the supervisor, and installs VirAuto Control.

Going back

In the **installed** folder:

```
cd C:\VirAuto
powershell -ExecutionPolicy Bypass -File update.ps1 -Rollback
```

This puts back the previous version's files. It doesn't change the data; if the data has to go back too, restore the backup the update made (section 8).

Update switches

Switch	What it does
`-DryRun`	Shows what would happen, changes nothing.

Switch	What it does
`-InstallDir <folder>`	Where VirAuto is installed, if the update can't find it.
`-Rollback`	Puts back the last update's files (run in the installed folder).
`-Force`	Updates even while people are working, or installs the same version again to repair damaged files.
`-SkipBackup`	Doesn't make a backup first. Not recommended.

11. When something's wrong

Start with **VirAuto Control** on the server: it says whether VirAuto and the supervisor are running, whether it starts with Windows, and shows the latest log lines.

What you see	What to do
A tablet or PC can't reach VirAuto	Does VirAuto Control say VirAuto is running? Is the device on the same network? Is the server's network set to **Private** (Settings → Network → the connection)? Is the firewall rule **VirAuto (port 3300)** there? Does `http://localhost:3300/` work on the server itself?
It worked yesterday, not today	The server's address may have changed. VirAuto Control shows the current one; give the server a fixed address in the router.
VirAuto Control says Stopped on purpose	Somebody pressed Stop (it says who and when). Press **Start**.
VirAuto Control says Not running	Press **Start**. If it doesn't come up, read the log in VirAuto Control (tick *Only warnings and errors*).
The supervisor reports it keeps stopping	The server keeps failing; the supervisor waits two minutes between tries instead of looping. The reason is in the log.
Start-up isn't "Starts with Windows, before anyone signs in"	Run `install.ps1` again and accept the administrator prompt.
Somebody is locked out	6 wrong PINs in 15 minutes lock an account for 5 minutes, then longer each time, up to an hour. Wait, or an admin sets a new PIN on **Staff**, which unlocks it straight away.
The admin PIN is forgotten	On the server: `node setup.mjs set-pin admin <new 6+ digit PIN>` in the `backend` folder. If the account was locked by wrong PINs, wait for the lock to run out (at most an hour).
Backups can't be written	Is the backup drive connected, and at the same letter? Change the folder with **Change folder...** in VirAuto Control.
The print window doesn't open	Allow pop-ups for the VirAuto address in that browser.
The morning email doesn't arrive	**Send a test email** in VirAuto Control says why. Check `backend\logs\reminders.log`.
VirAuto Control won't open	Install it again: `npm install --omit=dev` in `C:\VirAuto\control`. VirAuto itself keeps running without it.

What you see	What to do
The installer says Node is missing or too old	Install the Node.js LTS from nodejs.org, then open a **new** PowerShell window.
The update refuses	Read its message: somebody is working, VirAuto Control is open, the release is incomplete (unzip again), the version is already installed, or it was run from the installed folder instead of the new one.
A red bar says VirAuto is read-only	Look at **Settings → Subscription**. *Not activated yet*: the PC needs the internet once - press **Check now**. *Trial ended / subscription ended*: the subscription needs paying; then **Check now**. *Last check - couldn't reach the licence server*: is the PC on the internet, and does a firewall allow `licence.vir.systems`? Without internet, ask VIR Systems for a licence file (section 4).
An amber bar says the payment is due	The paid date has passed; VirAuto becomes read-only on the date shown unless it's paid.

Useful commands, all in `C:\VirAuto\backend` (every command is in the **Command reference**):

Command	What it does
`node setup.mjs status`	Version, server, supervisor, start-up, accounts, backups, email.
`node setup.mjs start` / `stop` / `restart`	The same as the buttons in VirAuto Control.
`node setup.mjs set-pin <user> <pin>`	Sets somebody's PIN. (A lockout still runs out on its own; a new PIN set on the **Staff** page clears it at once.)
`node setup.mjs set-backup-dir <folder>`	Changes the backup folder.
`node setup.mjs test-mail`	Sends a test email.
`node setup.mjs licence`	The subscription in words, and the install id.
`node setup.mjs activate`	Asks the licence server now (starts a new install's free trial).
`node setup.mjs install-licence <file>`	Installs a licence file from VIR Systems.
`node backup.mjs`	Makes a backup now.
`node restore.mjs`	Lists the backups (VirAuto must be stopped to restore).
`node network-info.mjs`	The addresses other devices should use.

Never copy elsewhere or send to anyone

- `backend\virauto.sqlite` - every customer, car and staff member.
- `backend\.env.mail` - an email password.
- The backup folder.

Install record

Workshop	
Date installed	
Installed by	
VirAuto version	
Server PC name and fixed address	
Windows account VirAuto runs as	
Install id (Settings → Subscription)	
Installed in folder	
Backup folder	
Starts with Windows before sign-in (yes / no)	
Morning email set up (yes / no)	
Tablets connected	
Office PCs connected	
Acceptance run done (yes / no)	
Admin PIN given to	