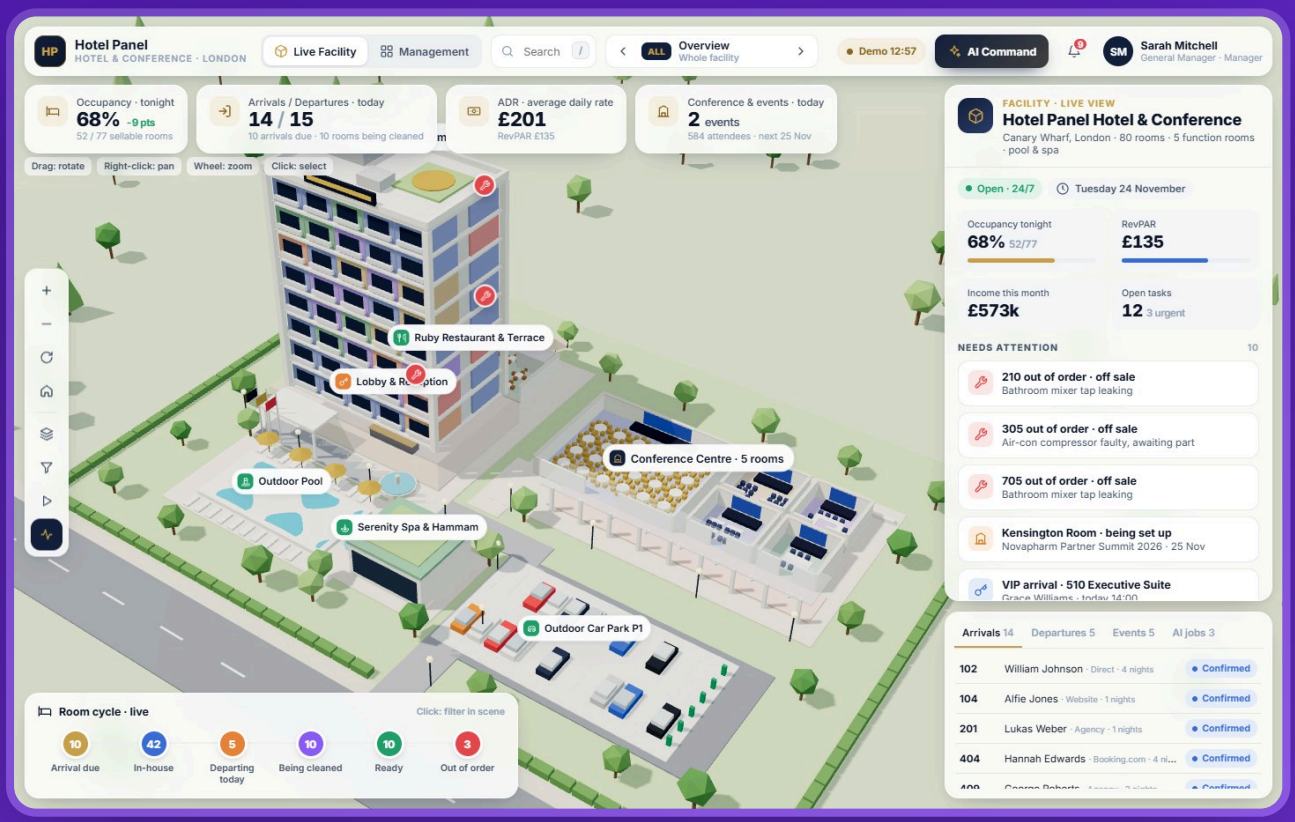
STARTER GUIDE

Hotel Panel

3D business software · Hotel and Convention Centre

Hotel Panel is a small 3D model of your hotel: see at a glance which room is occupied, which is being cleaned and which hall has an event.



From scratch, step by step · Automations · Database · Setup · 8 languages

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1 What is the Hotel Panel?

For city and resort hotels with meeting rooms, convention hotels and convention centres, especially properties with 60 to 400 rooms.

A day in a hotel is made of dozens of small jobs running at the same time. The front office follows arrivals and departures. Housekeeping phones to ask which room is free. Maintenance writes the faulty room on a piece of paper. The sales team prepares convention quotes in Excel. When information is this scattered, a room can stay empty for no reason, a guest can be sent to a room that is not ready, or a quote can be forgotten.

Hotel Panel brings all of this onto one screen. When you open it, you see your building, floors, rooms and halls as a small model. The colour of each room tells you its state right now: vacant and ready, occupied, arrival expected today, departure today, being cleaned or out of order. Click a room and you see the guest, the arrival and departure dates and the notes.

Automations work behind the panel. An automation is a small job that is done for you, by itself, at set times. For example, when a guest checks out, the room moves to cleaning by itself and housekeeping gets a task. A guest arriving tomorrow receives the check-in time and directions. Every Monday, the occupancy report for the next four weeks and a price suggestion arrive in Telegram.

Artificial intelligence (AI) is part of the system too, but you always stay in control. AI prepares the convention quote, but leaves the email as a draft; it is not sent until you check and approve it. It suggests prices, but never changes your prices itself. It does not take payments or make refunds.

At a glance

11	11	103	8
panel modules	automation files made for your sector	automations in the Complete Package	languages to choose from

How to read this guide

The guide is written to be read from start to finish. First it explains what the system is and what you will receive. Then it goes through daily use, the automations and the database one by one. At the end you will find the information we need from you, the accounts to open, the setup steps and a checklist.

The file that comes with it: CUSTOMER-PROMPT.md

This is the information form you fill in. Everything asked in this guide has an empty line there. The completed form is given directly to the AI that builds your panel, so you are never asked the same thing twice.

2 What will you receive?

File by file: who prepares it and what it is for

When setup is finished you will have the following. We also say who prepares each part.

What you receive	What it is for	Who prepares it
Hotel Panel `index.html`	Your software, with your company name, logo, colours, language and the 3D model of your site. Opens in the browser, works on a phone too.	Setup team, from your form
Database setup files `supabase/migrations` (10 files) and `supabase/sektor` (1 file)	Create the tables that hold your records, the security rules and the live screen. Explained one by one in Chapter 8.	Setup team
n8n automations `n8n-lluvia/workflows`	The automation files produced for your package, in your language. The full list is in Chapter 7.	Setup team
Settings file `config.json`	Hours, responsible people, limits and other settings, filled from your answers.	Answers from you, file from the team
Setup list `SETUP-CHECKLIST.md`	Only the keys your package needs and where to get them, written in your language.	Setup team
User accounts	A separate sign-in for each person on your team.	List from you, setup from the team
This guide and the form	The PDF that explains the system and the completed form.	Setup team

How many automations come with your package?

Your choice	Automations installed
Essential Package	**40**
Essential + Sales & Channels	63
Essential + Marketing	59
Essential + E-commerce	61
Complete Package	**103**

The numbers include the AI managers and the helpers used by other automations. Automations of packages you did not buy are never installed on your system.

Which language will it be in?

The first question we ask is your language. Your answer sets the language of the whole system.

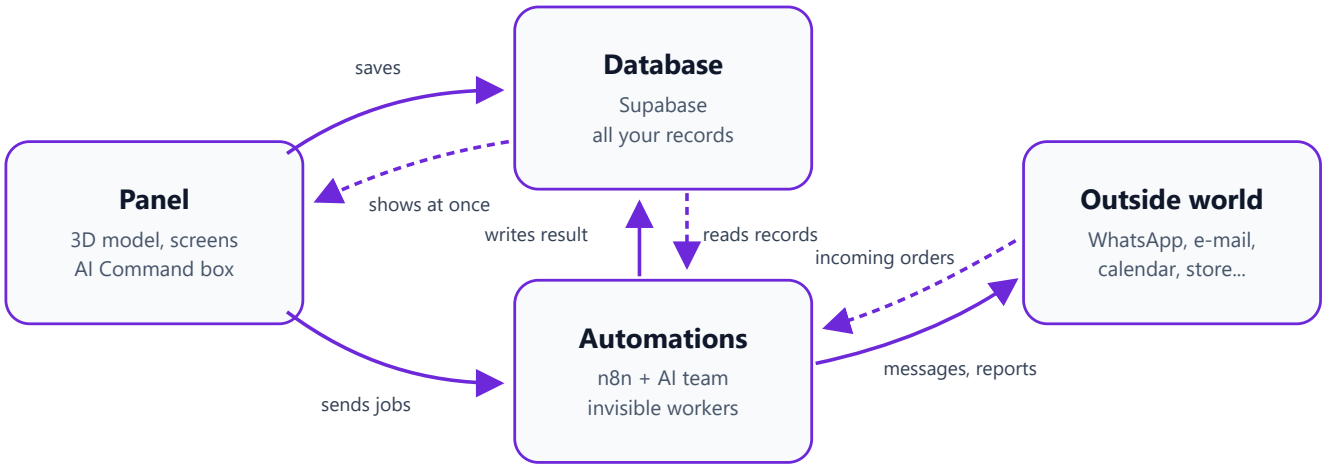
Türkçe Turkish	**English** English	**Deutsch** German	**Français** French
Italiano Italian	**Español** Spanish	**Português** Portuguese	**Русский** Russian

What changes with the language	Example
The panel	Menus, buttons, forms, messages and the labels in the 3D scene
Sample data	Names, cities, phone numbers, products, dates and currency of your country
Automations	Customer messages, e-mails, Telegram notices, forms, reply pages and task titles
AI team	Everything it writes. If a customer writes in another language, it answers them in that language

3 How does the system work?

Four parts, one flow

The Hotel Panel has four parts. You can think of them as four places inside a business.



1. Panel: your control room

The screen that opens in the browser. The 3D model of your business is in the middle. You click something, the camera moves closer and its details open on the right.

2. Database: your archive

All your records are kept in a cloud database called Supabase. When one person changes something, everyone's screen changes.

3. Automations: invisible workers

Work steps that run in a program called n8n. They start by themselves at a set time or when something happens.

4. AI team: expert assistants

You give work in an ordinary sentence. The General Manager Assistant receives it, passes it to the right expert, and the result appears on your screen.

How does a job run?

1. You press a button in the panel or write in the AI Command box.
2. The panel writes this to the database as a **job record** and tells the automations.
3. The AI team takes the job; if needed it looks at your records, researches and prepares documents.
4. The result is written to the database and appears on your screen by itself.
5. You approve work that arrives as a draft; then the message goes out, the document is saved or the task is opened.

Demo mode and live mode

	Demo mode	Live mode
What for?	To look, try and show the team	To run your real business
Data	Realistic sample data in the browser	Real records in your own database
Messages	Sent nowhere, only imitated	Sent according to your settings and approval
Setup	None, just open the file	Accounts and keys are needed

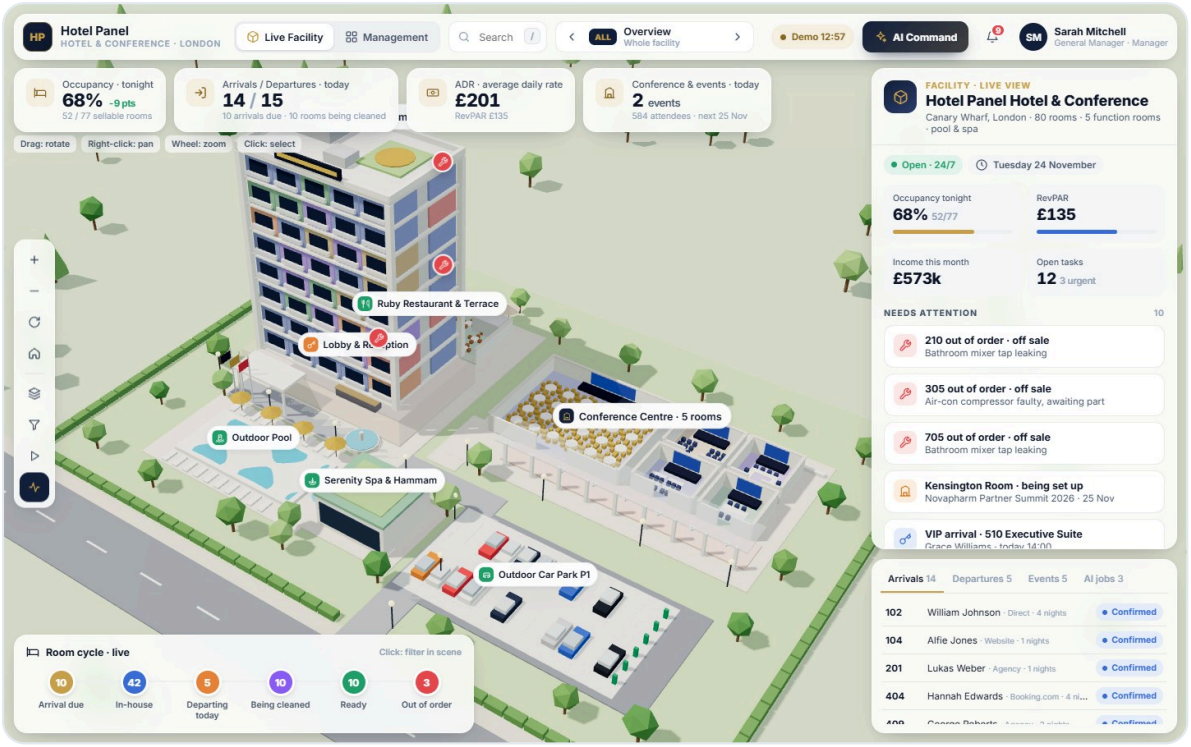
Who is on your AI team?

Expert	What it does
General Manager Assistant	Understands the job, sends it to the right department and sums up the day.
Sales	Prepares quotes, follow-up messages and lead lists.
Content	Writes blog posts, brochures, e-mails and promotional copy.
Social Media	Prepares posts, a content calendar and reply drafts.
Advertising	Prepares ad copy, visual ideas and budget suggestions.
Finance	Produces income and expense summaries, collection lists and cash warnings.
Human Resources	Writes job adverts, evaluates CVs and suggests shifts.
Support	Drafts answers to customer questions and sorts complaints.
Planning	Suggests capacity, stock and work plans.
Legal	Pre-checks contracts and data protection texts (does not replace a lawyer).
Operations	Reads the situation on site, flags delays and risks, opens tasks.

With the E-commerce Package an E-commerce expert joins the team as well.

4 What do you see on the screen?

3D model, colours and menus



Main screen of the Hotel Panel (with sample data)

When you open the panel, a stylised 3D model of your hotel fills the screen: the hotel tower and its floors, the glass lobby, the restaurant and terrace, the convention halls, the pool, the spa and the car park. You can turn the scene with your mouse and zoom in. If you choose a single floor from the 'Floors' button at the top, the other floors fade and the room numbers of that floor appear.

Objects in the model

Object	What you see when you click it
Room	Each room is a small box in the building. Click it and the floor opens like a cross-section, the camera flies to the front of the room, and on the right you see the guest, arrival and departure dates, number of nights, nightly price and notes.
Floor	Choose a floor from the Floors menu and only that floor stands out. Next to each floor you can read how many rooms are occupied.
Convention and meeting halls	Halls are drawn without a roof, and the tables and chairs follow the real layout (theatre, classroom, banquet, U-shape, boardroom). Click a hall to see the current and next event, the number of people and its revenue for the last 30 days.
Lobby and reception	Its colour shows whether the lobby is busy or calm.

Object	What you see when you click it
Restaurant and terrace	Shows open, busy or closed, together with the service hours.
Pool and spa	The colour of the water tells you if the pool is open, busy, under maintenance or closed. The spa shows the number of appointments today.
Car park	As many cars are drawn as the occupancy rate. The number of charging stations is written in the panel.
Red pin	Stands above a faulty room or an area under maintenance. Click it to see the fault note and the open maintenance task.
Room cycle card	The card at the bottom left has the steps Arrival expected, Staying, Departing today, Cleaning, Ready and Out of order, with their counts. Click a step and only the rooms in that state light up.

What do the colours mean?

Colour	Meaning
Green	Room vacant and ready; hall available; other areas open
Blue	Room occupied (guest staying); event in progress in the hall
Gold	Arrival expected in the room today; hall being set up
Orange	Departure from the room today; areas such as lobby, restaurant or pool are busy
Purple	Room being cleaned; hall on option (event not confirmed)
Red	Room out of order; hall or area under maintenance
Grey	Area closed

Modules

Module	What it is for
Dashboard	The main numbers, such as occupancy, arrivals and departures, average room rate (ADR) and revenue per available room (RevPAR), plus a chart of the occupancy forecast for 14 nights.
Reservations	Reservations arriving today, departing today, staying, upcoming and past. Check-in, check-out and cancellation take one click. For a new reservation, vacant rooms are listed and the amount is worked out from the number of nights and the room price.

Module	What it is for
Events & Halls	A 10-day hall plan. Click an empty box to create a new event. It shows how much of a group room block is filled (pickup) and event details such as menu, technical needs and number of people.
Tasks	All jobs, such as cleaning, faults, overbooking and guest complaints, are collected here. You can see who is assigned and how urgent each one is.
Customers	Cards for your accounts, such as corporate companies, agencies, associations and wedding hosts.
Opportunities	A sales board showing which stage your convention, event and group quotes are at.
Invoices & Accounting	Accommodation and event revenue, expenses and invoices. When a guest checks out, the accommodation revenue is recorded by itself.
Reports	Income and expenses, reservation channels, revenue by room type, hall use and the work AI has done.
Team & HR	Team members, who does what, and departments.
Automations	The list of installed automations, when they run and which package they belong to.
Settings	Brand, package and apps, connection details.

5 A day with the Hotel Panel

What happens from morning to evening

Here is an ordinary working day, hour by hour.

07:30 The general manager opens the panel. The cards at the top show tonight's occupancy, today's arrivals and departures, the average room rate and today's events. A room with a red pin stands out immediately.

08:30 On a Monday morning, the occupancy report for the next 28 days by room type and a price suggestion arrive by themselves in the sales team's Telegram group. It is only a suggestion; you change the price yourself.

09:00 The front office looks at the 'Arriving today' list. The gold rooms are for guests arriving today. If a VIP guest's room is still being cleaned, the team sees it on the model at once.

10:00 Guests arriving tomorrow automatically get a 'See you tomorrow' message with the check-in time and, if you have them, the online check-in and directions links. All day, every 15 minutes, newly confirmed reservations get a confirmation message.

11:00 Guests who left yesterday and gave marketing permission get the message 'How was your stay?'. If a guest gives 1-3 points, a task is opened for the manager. Guests who give 4-5 points are shown your Google review link.

12:00 Departures begin. The front office presses 'Check-out' in the panel. Within 10 minutes at most, the room turns purple, moves to cleaning and a 'departure cleaning' task opens for housekeeping. A Telegram alert goes to the housekeeping group.

14:00 A cleaned room turns green. When the guest arrives, 'Check-in' is pressed, the room turns blue and a short pulse shows that it was updated.

15:30 A company asks for a meeting for 200 people and a block of 40 rooms. The sales team asks for a quote from the hall panel. AI checks the hall's capacity and availability, prepares a quote with a price table as a Google Doc and a PDF, and leaves the email as a draft.

All day Every 30 minutes the Booking.com and Expedia calendars are read. If an online travel agency (OTA) booking clashes with another reservation for the same room in the panel, an urgent 'Overbooking risk' task opens for the front office.