



THE DIGITAL COMPANION FOR YOUR FIELD OPERATIONS



ELEVATORSENSE GET THE BEST OUT OF YOUR WITTUR DOORS



More than

50

years of
experience

Based on **50 years of experience in elevator doors design** and working every day to **support customers in the field**, Wittur knows that when an elevator door leaves the factory, its life has just started.

Doors are the most exposed moving elevator component: **70% of elevator callbacks are due to doors. Quality of door installation and service are critical elements** to ensure smooth operation and avoid frequent callback: this means obtaining **full customer satisfaction and optimizing service costs.**

Therefore, Wittur has developed **ElevatorSense: a smart hardware-software platform that offers multiple products in one, for different services, to collect data from all door components, analyze them in the cloud with state-of-the-art algorithms developed from Wittur long time experience and give you precise and timely information to:**

Wittur has developed a safe environment for your data

Wittur data centers use state-of-the-art protections from unauthorized access; all data transmissions to and from the data centers are encrypted.

- Solve any door installation issues
- Monitor elevator operations in real time
- Plan service intervention based on real data
- Increase the service level to your customers by reducing downtime

Wittur Box



Platform



Users

New installations & Mod. Fitters

Service Technicians

Products & Services

Carry-On Field Tool



Intelligent Remote Dashboard

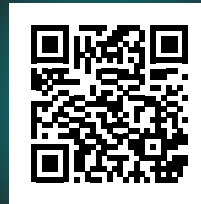


Installation Control

Wireless Programming

Real Time Diagnostics

Preventive Maintenance



Scan the QR-Code to discover more about Wittur ElevatorSense



ElevatorSense box is your gateway to Wittur ElevatorSense services

It connects effortlessly to the new Wittur ECO+ / MIDI+ controller of the elevator doors, collects data from additional sensors and sends them to Wittur data centers in the cloud through a wireless connection.

Data is analyzed with advanced AI algorithms and results are displayed on any smartphone or tablet using a provided **Wittur ElevatorSense App** or from a web browser.

Get ElevatorSense today to start saving your time and field operation costs

- **ElevatorSense** services are available by subscription.
- Choose your package directly from witturshop.com (available in selected countries) or ask your local Wittur contact for a tailor-made offer package.
- Obtain free of charge from in any software upgrade to the services you have subscribed to during the subscription period.
- Additional services might be activated during your subscription, and you will be able to add them to your current portfolio with a new subscription.

1

Installation Control

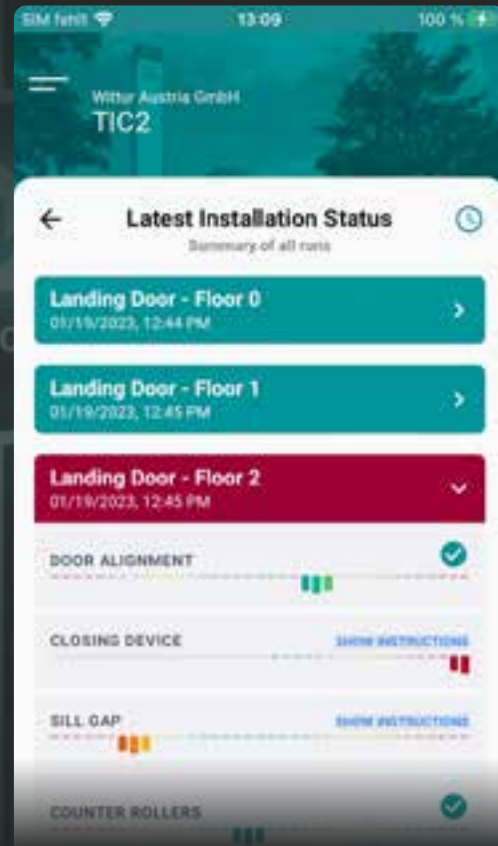
Helps field technicians achieve high quality of installation

Door installation is one of the most critical elements of quality of an elevator. Whether on a new installation or on a modernization, **if doors are not installed properly, problems arise:**

- During elevator handover tests: require fitters to spend **additional time for correction** and adjustment of car and landing doors.
- During the first months of operations, when the elevator is still under warranty: cause customer callbacks and **unplanned, costly visits on site** to resolve the problem.

Installation Control performs a **thorough check of all main features of door installation** and if necessary, **provides recommendations** as to what should be adjusted.

Even expert fitters may fail to complete the installation: Everyone can have a bad day, and Installation Control helps double checking and avoiding troubles.



Installation Control helps you to:

- **Reduce callbacks** during the first year of operation and beyond
- **Save time and reduce costs** during installation
- **Improve quality of installation** of Wittur doors

Installation Control makes this possible by:

- **Data-driven measurements and algorithms** can identify most common installation errors
- **Location and severity** of errors are displayed
- **Specific corrective measures** are recommended right away

2

Wireless Programming

A new way to adjust operating parameters



Fully replaces the «old school» programming tool, makes door parameter adjustment easier and more intuitive through:

- **State-of-the-art user interface** on every mobile device through **Wittur ElevatorSense App**.
- Clear **on-screen** parameter explanations.
- Future updates will include executing remote interventions and **over-the-air software updates** to door drive in **totally safe conditions**.

Wireless Programming helps you to:

- **Respond faster** to troubleshooting calls.
- **Save time and reduce costs** during installation and service.
- **Improve quality** of installation and operation of Wittur doors.

Wireless Programming makes this possible by:

- **Wireless connection** from any mobile device to **ElevatorSense box**.
- **Easy-to-use App user interface** to set / adjust door parameters.
- **Over-the-air software updates**.



3

Real Time Diagnostics

Helps service technicians know what's wrong with the elevator



Real Time Diagnostics helps you to:

- **Detect problems earlier** and **reduce callbacks** during lift lifetime.
- **Save time and reduce costs** for on-site visits and failure root cause analysis.
- **Improve quality of operation** of Wittur doors.

Real Time Diagnostics makes this possible by:

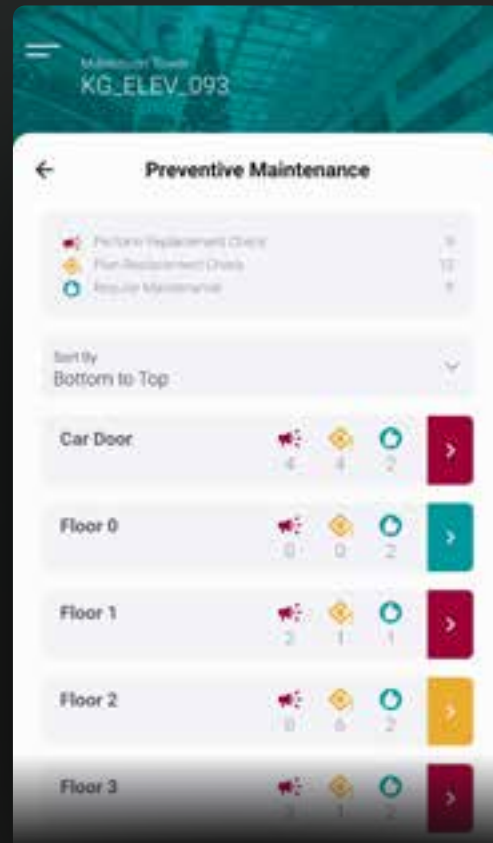
- Data driven algorithms **identify abnormal behavior** of equipment and generate **alert messages** accordingly.
- **Remote check** of warnings and errors history of your elevator doors.
- Deliver critical data to **understand the root cause** and prevent a failure.



4

Preventive Maintenance

Maximum uptime for your Wittur equipment



Preventive Maintenance helps service technicians recognise the symptoms of equipment malfunctioning and **identify in advance the parts that may need to be replaced**, based on the status of their expected lifetime, in order to reduce unplanned downtime and maximize equipment availability.

- Based on usage data and Wittur proprietary algorithms, it is possible to **calculate expected lifetime** and create a future maintenance plan.
- Different display levels make it easy to **see the status of your Wittur equipment** - either at elevator level or at floor level.

The necessary spare parts are identified and a list of them is generated. Thanks to a direct link to the *Wittur Webshop*, ordering spare parts is very simple.

Preventive Maintenance helps you to:

- **Minimize unexpected breakdowns** and maximize uptime.
- **Monitor status** of critical parts and plan *checks / replacements*.
- **Identify and order** the right spare parts.

Preventive Maintenance makes this possible by:

- State-of-the-art algorithms to **optimize timing of replacement checks**.
- Wittur know-how about **wear and tear of spare parts**.
- **Advanced spare parts identification** and ordering tools.



WITTUR

YOUR GLOBAL PARTNER FOR COMPONENTS,
MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY

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 **ADVANCING** THE ELEVATOR INDUSTRY®