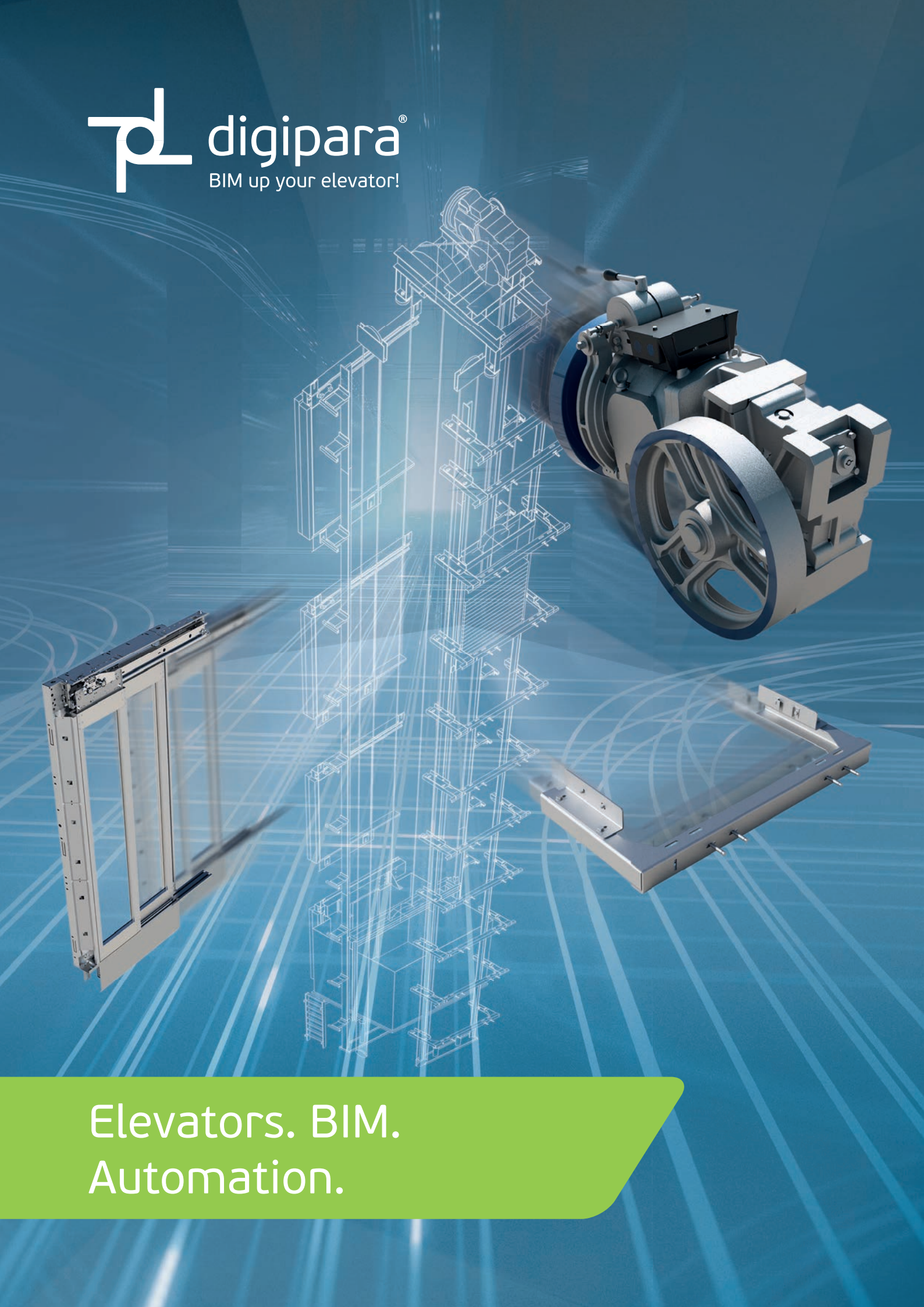
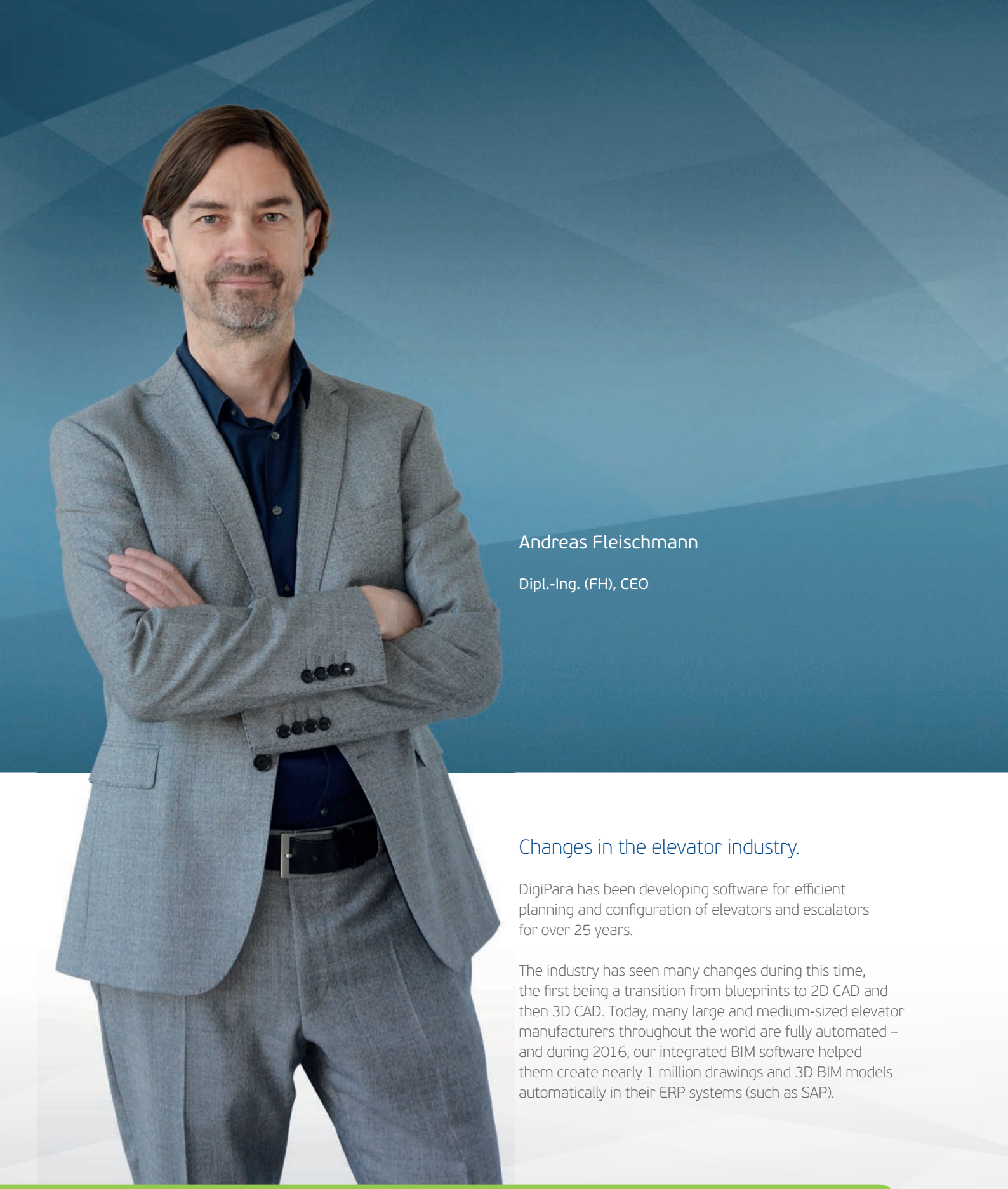
digipara®

BIM up your elevator!



Elevators. BIM. Automation.



Andreas Fleischmann

Dipl.-Ing. (FH), CEO

Changes in the elevator industry.

DigiPara has been developing software for efficient planning and configuration of elevators and escalators for over 25 years.

The industry has seen many changes during this time, the first being a transition from blueprints to 2D CAD and then 3D CAD. Today, many large and medium-sized elevator manufacturers throughout the world are fully automated – and during 2016, our integrated BIM software helped them create nearly 1 million drawings and 3D BIM models automatically in their ERP systems (such as SAP).

Focus on CAD Productivity

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BIM up your elevator!

Automated Workflow

Our software automates various work processes. In addition to full drawing automation via ERP systems, CAD models from the most popular CAD programs can also be integrated into DigiPara® Liftdesigner and used there. This results in significantly increased productivity.

In the field of technical building equipment, the BIM method has become increasingly important in recent years, with our software supporting more than 25,000 architects on a daily basis.

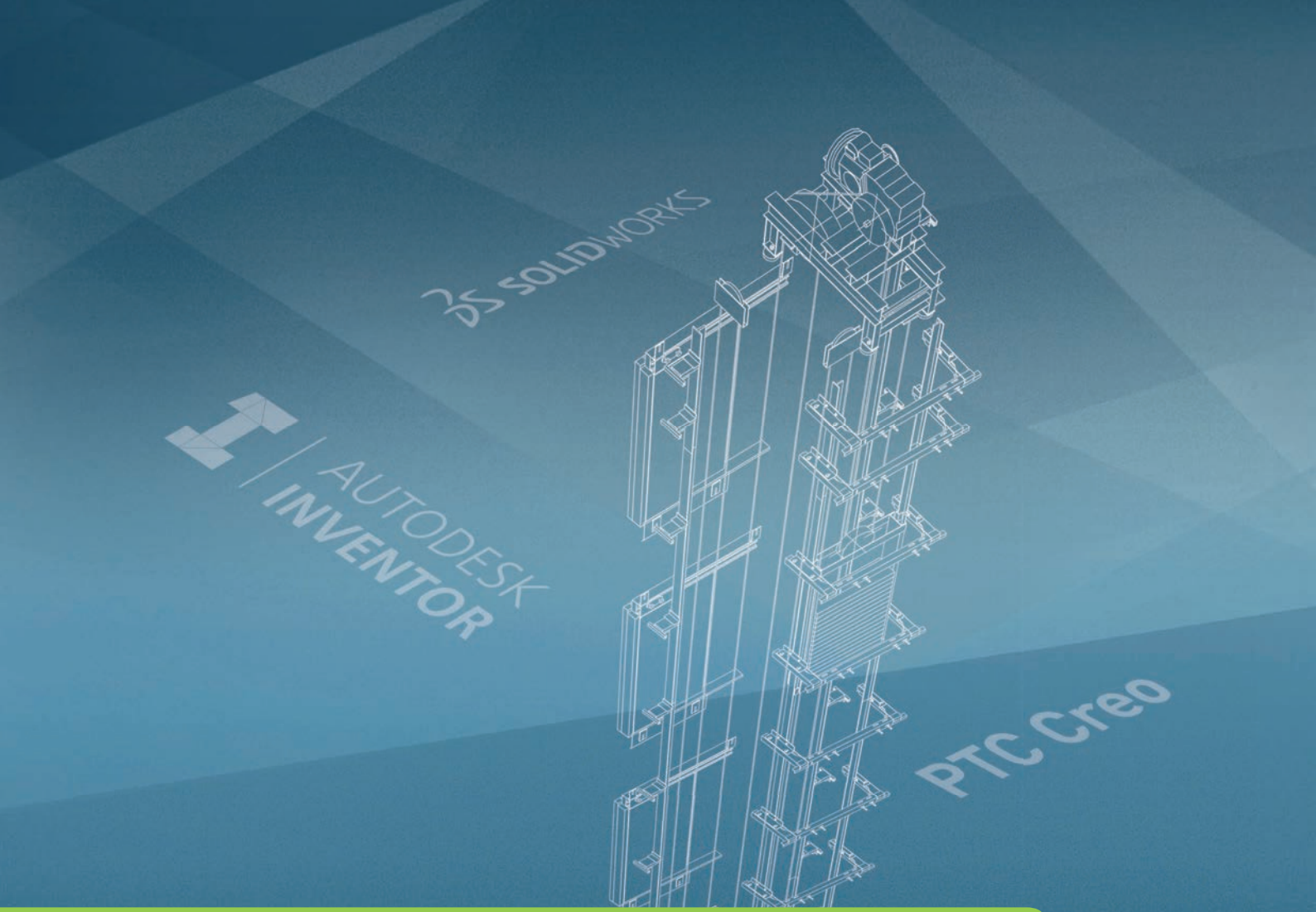
Our team is devoted to its work and has the solutions for your requirements. We make sure with all our developments that your IT investments can be used in the future.

"As experts in elevator BIM and automation in the elevator industry, we deal with the requirements of different customer groups. To us, ensuring a continuous workflow from customers being able to load their own products to the final production drawing for manufacturing the elevator is just as important as exporting extensive 3D BIM models for the architects."

Andreas Fleischmann, CEO

"Building Information Modeling (BIM)" is a method to optimize the planning, implementation, and management of a building using a digital 3D BIM model. The BIM model integrates all the information from the geometrical structure of the objects and properties via a standardized interface into a database.

As a result, BIM optimizes the collaboration between architects, builders, and elevator companies in the different phases of the life cycle of a building. With BIM, any department may add, remove, or update information.



Our Vision

Research & Development

Elevator design

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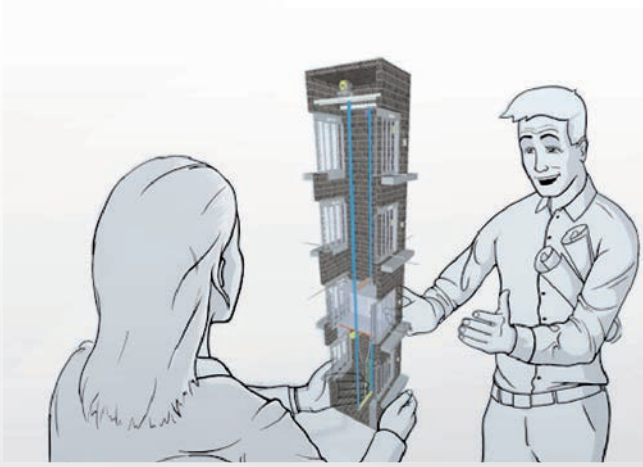
BIM up your elevator!

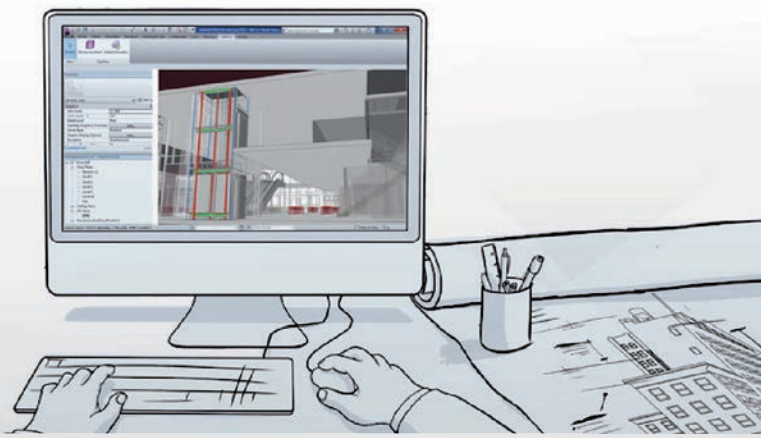
“Our goal is to see all 3D CAD and BIM elevator models automated with DigiPara® software.”

Andreas Fleischmann, CEO

“BIM up your elevator!“ As BIM experts in the elevator industry, we strive to uphold our standards when it comes to faithfully and continuously developing our DigiPara® software, with the focus on the automation of elevator and escalator models.

Our experience helps our customers succeed – they become faster and more efficient. In addition to traditional 2D drawings, our intelligent BIM model supports the entire planning process. Users of other CAD programs – such as SolidWorks®, PTC® Creo®, and Autodesk® Inventor® – can use their own CAD models in our software. Having the entire workflow automated means that they save time and money.





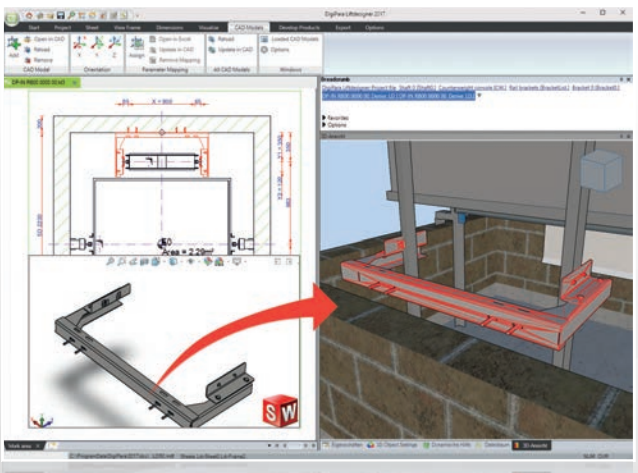
Sales

Architect

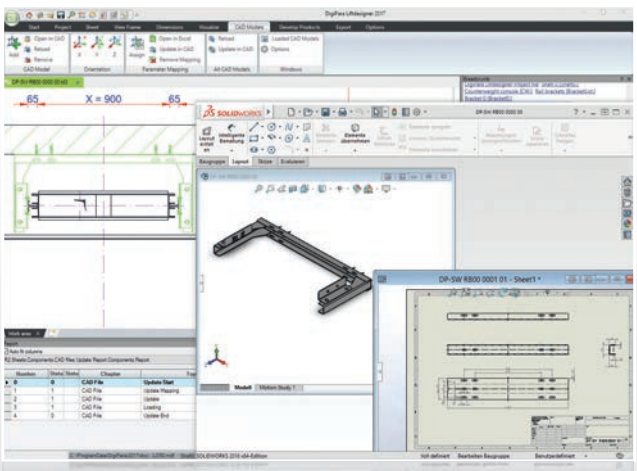
Use your SolidWorks® models within DigiPara® Liftdesigner

digipara® liftdesigner

New features in 2018



Use your SolidWorks® models within DigiPara® Liftdesigner.

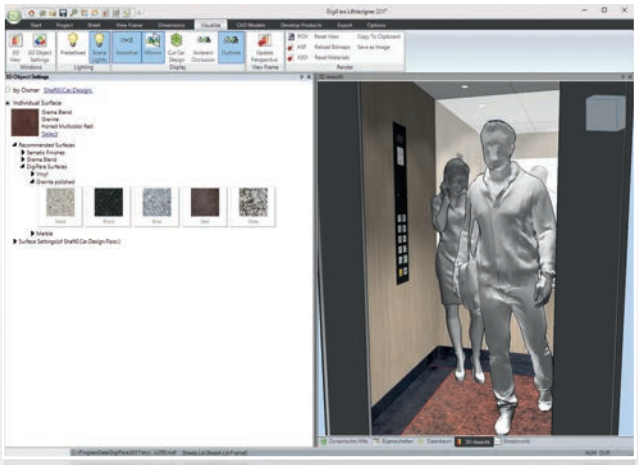


DigiPara® Liftdesigner automates the dimensions in your SolidWorks® models.

digipara®
BIM up your elevator!

Additionally available for components of:

→ PTC® Creo®
→ Autodesk® Inventor®



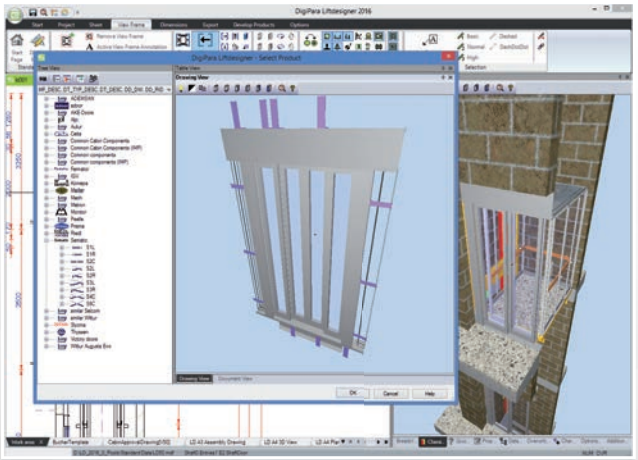
Create photo-realistic illustrations of the scene.

Print production drawings.

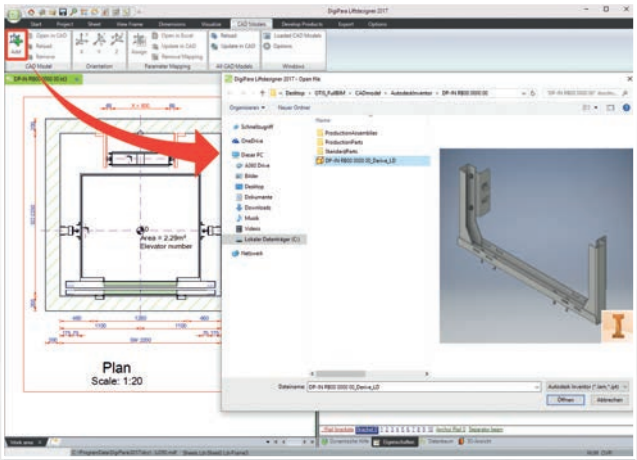
Configuration software for your elevator

digipara® liftdesigner

Elevator design becomes child's play when departments work together.



Choose components from the library.

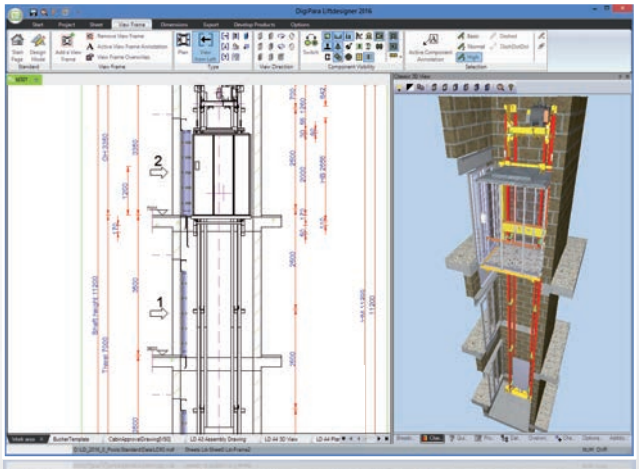


Import 3D CAD models.

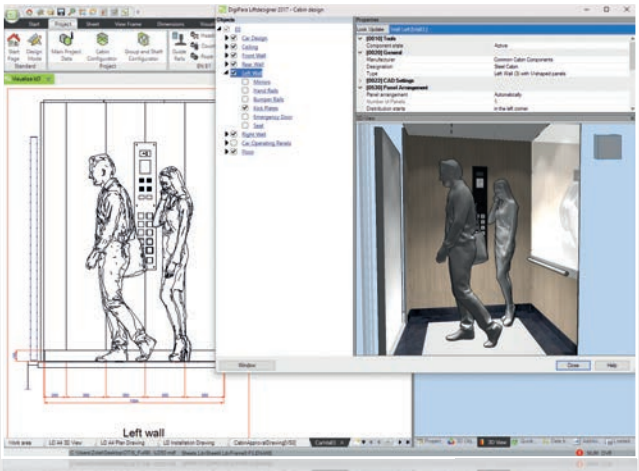
digipara®
BIM up your elevator!

DigiPara® Liftdesigner is perfect for:

- → Quotation and installation drawings
- → Integration and use of CAD models from common CAD programs (SolidWorks®, PTC® Creo®, and Autodesk® Inventor®)
- → 2D and 3D drawings from SAP etc.
- → Drawing automation
- → 3D BIM export



Adjust the dimensions.



Visualize the cabin.

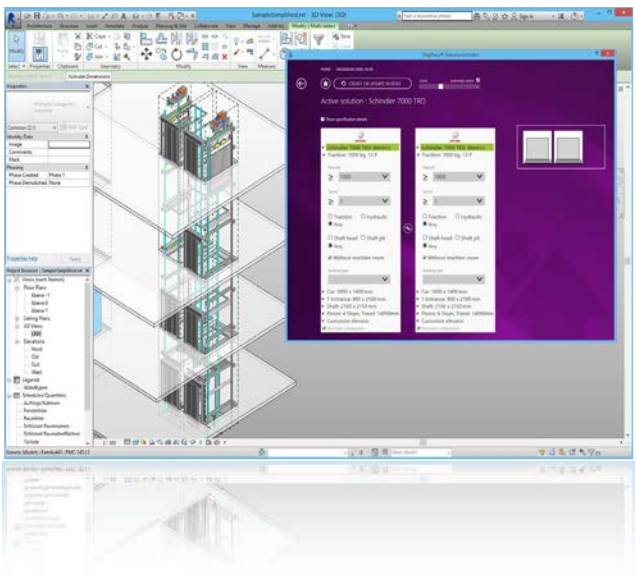
DigiPara® Elevatorarchitect:

- → Lists and compares 100,000 elevator models and sizes
- → Used by over 25,000 architects
- → Installs 3D BIM elevators in the building

digipara® elevatorarchitect

Over 25,000 architects benefit from our free 3D BIM models!

The program supports Revit® users efficiently in finding the correct size and number of required elevators and escalators according to their location, and professionally guides them to the point of reaching an optimal 3D Revit model.



Select a payload.

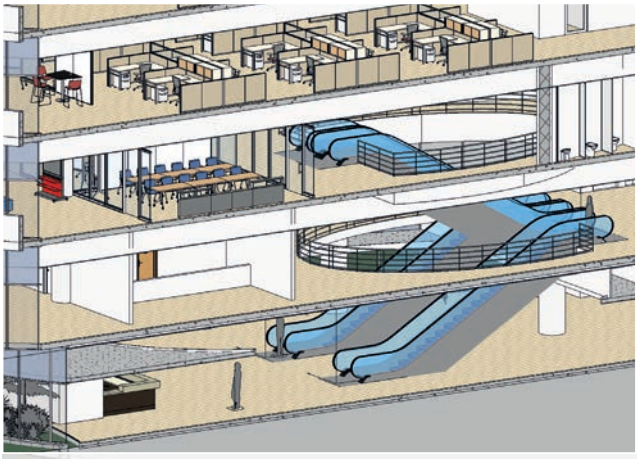
Choose a manufacturer.

Position the BIM model in the building.

digipara®
BIM up your elevator!

New in 2018:

Schindler escalators and moving walks



Architects can choose escalators and moving walks using the plug-in, insert them into their Revit® building and adapt them to their individual needs. The program recommends a suitable model and appropriate vendor to the architect, taking into consideration the building's location.

Choose the escalator or moving walk.

Define the arrangement.

Adapt the BIM model to your needs.

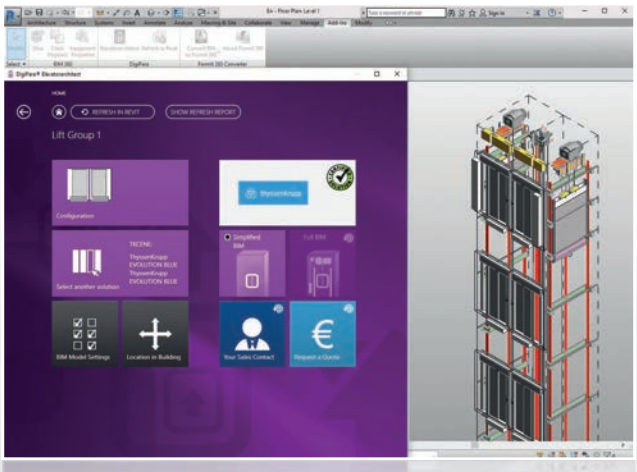
Targeted marketing with DigiPara® Find

digipara® find

This is how elevator companies reach architects today!

- → Targeted marketing within DigiPara® Elevatorarchitect
- → Perfect for elevator manufacturers
- → 3D BIM models for your elevator series

Promote your elevators in Autodesk® Revit® and present your BIM model series. Use DigiPara® Find in DigiPara® Elevatorarchitect to reach over 25,000 architects.

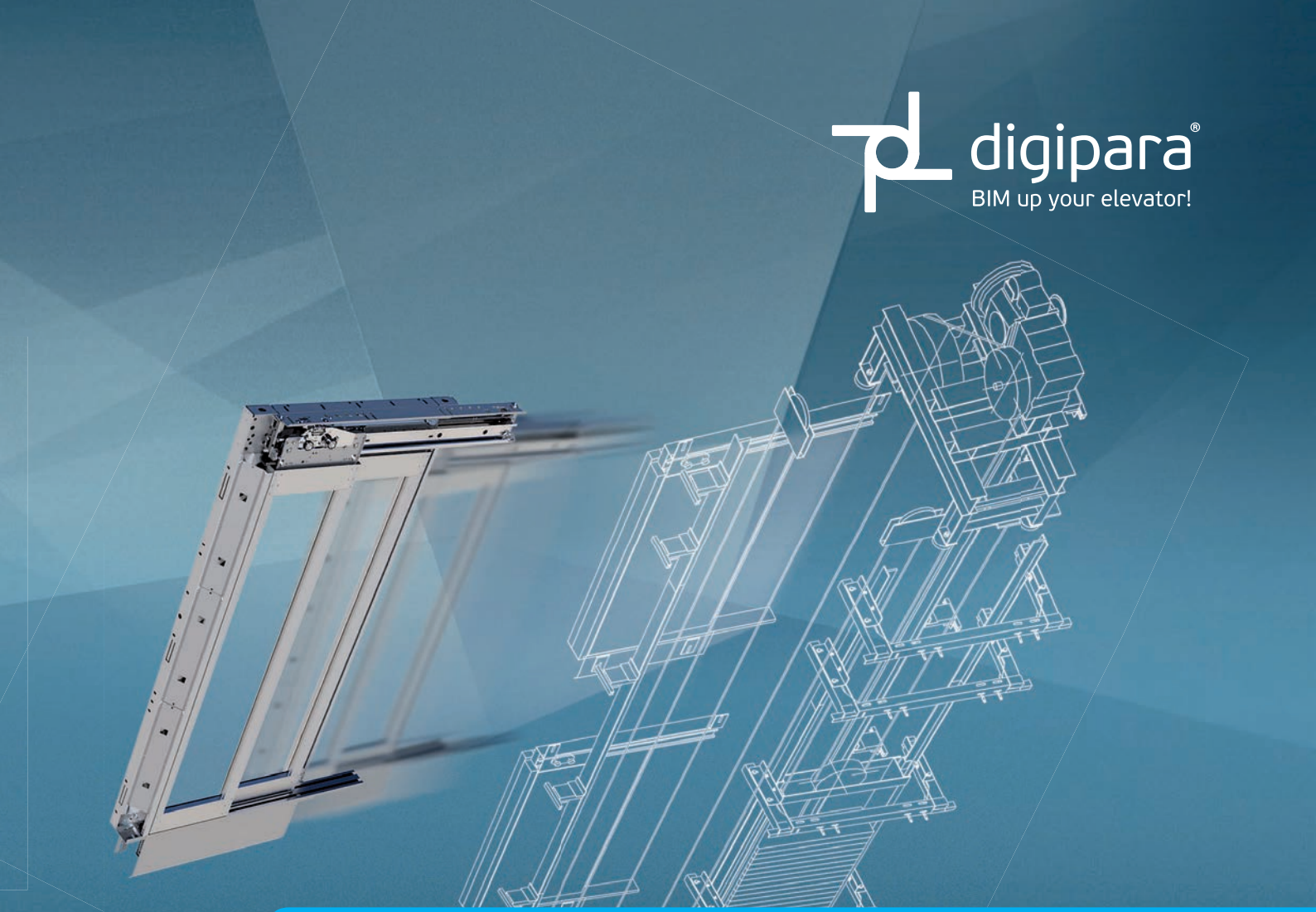


Your elevator series within DigiPara® Elevatorarchitect

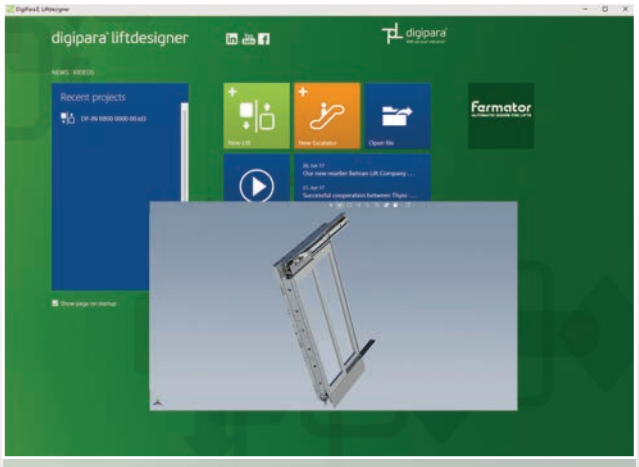
25,000 architects reached

Increased demand for your elevator models

digipara®
BIM up your elevator!



A marketing channel for component manufacturers!



- → Highlighted product placement directly within DigiPara® Liftdesigner
- → Ideal for increased visibility to installation companies
- → DWG, STEP and PDF data for elevator designers

Take advantage of our marketing platform within DigiPara® Liftdesigner and supply your elevator components to installation companies.

Your components within DigiPara® Liftdesigner

2,500 DigiPara® Liftdesigner users reached

Increased demand for your components

DigiPara® Escalatordesigner is ideal for:

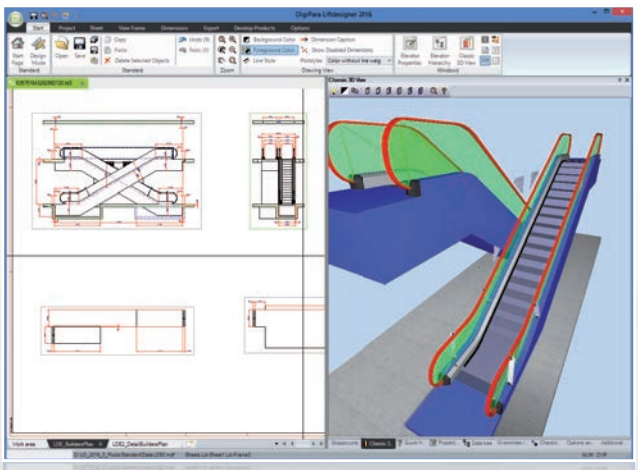
- → Escalators, moving walks, and moving ramps
- → Drawing automation
- → 3D BIM export

digipara® escalatordesigner

Escalators, moving walks, and moving ramps

DigiPara® Escalatordesigner creates your escalator drawing within seconds due to the individualization of predefined arrangements and types.

For all models you can choose various arrangements like single, parallel, crisscross, or continuous.



Choose the arrangement.

Select the floors.

Position the BIM model in the building.

digipara®
BIM up your elevator!

"The BIM process will in the medium term reach small and mid-sized businesses to a much greater extent than it does today."

Andreas Fleischmann, CEO

Our BIM forecast

Among customers such as OTIS, Schindler, KONE, and Thyssenkrupp, we are noticing a strong upward trend in the use of 3D BIM elevator software by architects, especially for high-rise buildings and large-scale projects. In medium-sized businesses and for smaller projects and buildings, the BIM method has rarely been implemented.

It will become increasingly difficult to adapt in-house developed CAD automation to the new and ever more complex requirements.

Well-structured components, which can be selected and calculated directly within the BIM software and used by the elevator manufacturer, are the next step for component manufacturers. Architects expect to be able to easily access and compare elevator series in their architecture program.

Project-based 3D elevator models must be available at their fingertips.

Today's BIM processes are becoming more and more standardized. In the future, digital buildings will be reviewed and modified online by all involved parties (architects, engineers, building owners, notified bodies, etc.). It is conceivable that elevator companies will include an optimized elevator solution in the architectural project and supervise it during all of the planning stages.

This BIM process will finally find its way into the planning process of residential buildings will in the medium term reach small and mid-sized businesses to a much greater extent than it does today.

With this in mind – BIM up your elevator!

digipara®
BIM up your elevator!

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Front page: CAD model of the drive: Sicor
CAD model of the door: Fermator