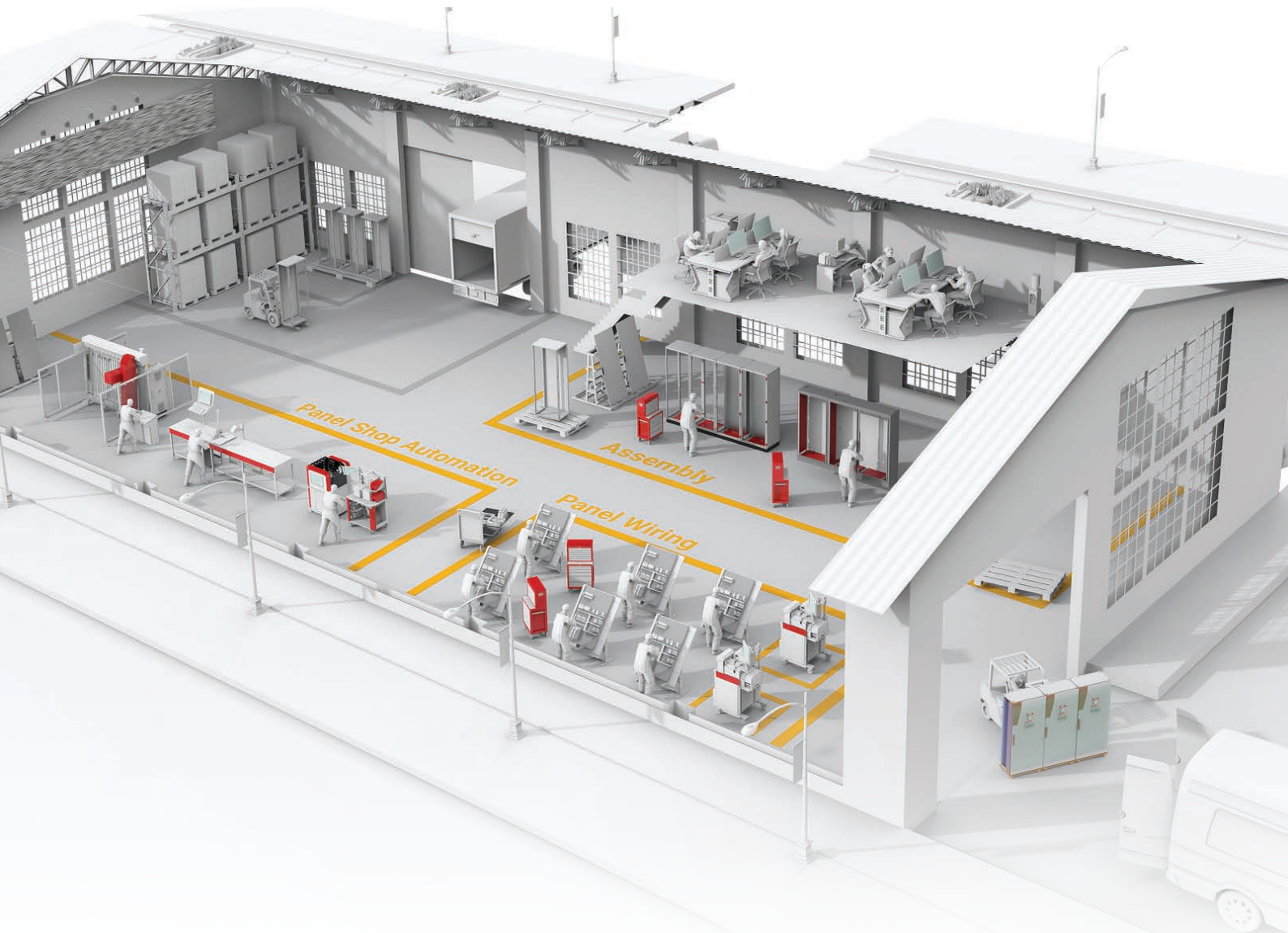


Design to Manufacturing Solutions

Integrated, scalable solutions to streamline workflow
and drive productivity – end to end



Design to Manufacturing Solutions

Simplify engineering – and do more business faster

nVent HOFFMAN Design to Manufacturing Solutions
use advanced technology to streamline workflow,
enhance precision and drive productivity



Rely on the nVent HOFFMAN Design to Manufacturing (DTM) Solutions to transform the way you design and manufacture electrical enclosures and panel solutions – from end to end.

This comprehensive offering combines powerful software, automated machinery and ergonomic equipment to support every stage of your workflow – helping you simplify processes, shorten lead times and improve safety.

- **Simplify engineering processes** with DTM software.
- **Reduce lead times** with state-of-the-art enclosure modification centers.
- **Maximize resources and reduce waste** with rail and cable duct cutting machines.
- **Reduce wire processing time** by up to 75% with wire processing machines.
- **Improve worker comfort and safety** with ergonomic accessories.
- **Optimize equipment efficiency and uptime** with after-market services.

Together, these integrated, scalable software and hardware solutions help your organization deliver what customers need – faster, more efficiently and with greater reliability.

You can also take advantage of a full range of accessories, tailored services and dedicated support to make delivering projects with superior quality even easier.

All nVent HOFFMAN products are manufactured locally in multiple regions around the world, and meet or exceed certification standards, including IEC, UL and CE.

SIMPLE SOURCING – END TO END

Streamline the way you work and do more business faster with superior quality products and services from one trusted global source.

- Increase productivity up to 40%
- Slash time and costs by up to 75%
- Deliver uncompromising quality

YOUR SUCCESS IS OUR PRIORITY

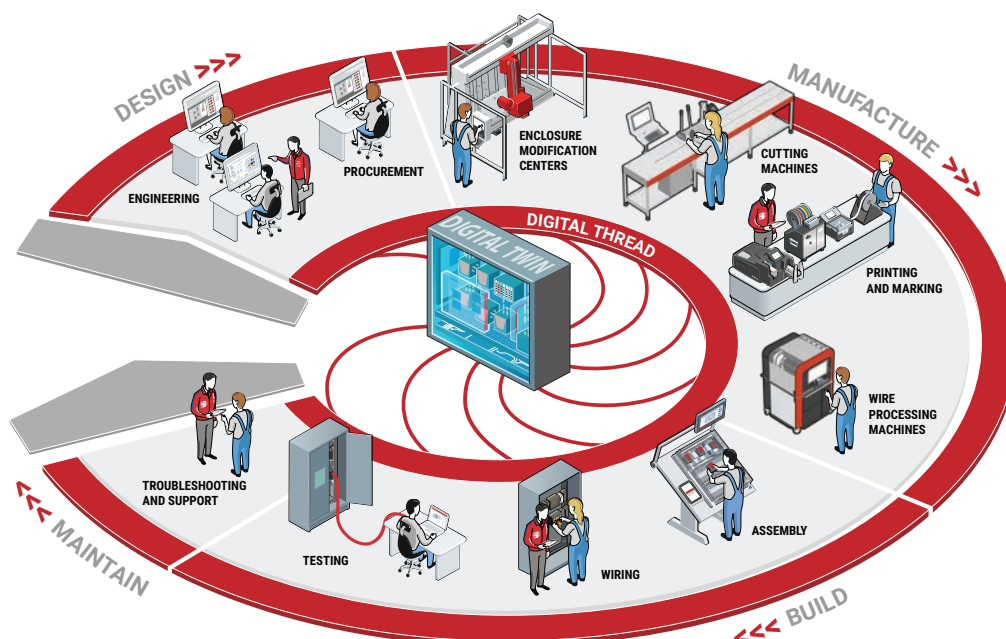
YOUR NVENT HOFFMAN REPRESENTATIVE CAN HELP YOU CHOOSE THE DTM SOLUTIONS IDEALLY SUITED TO ACCELERATE YOUR BUSINESS GOALS.

CONTACT US



DTM Software

Design and engineering made easy



Simplify design and connect engineering to manufacturing to drive productivity. DTM Software is a proven and simple engineering solution for planning and designing electrical enclosures, machines and factory systems.

The software automates panel building through intelligent 2D/3D workflows, using a digital twin to generate data that drives downstream manufacturing processes.

With its easy-to-use central parts library, designers can work efficiently on a single project while the software automatically ensures data stays synchronized – simplifying planning and reducing errors.

All so you can maintain a single source of truth, streamline processes and increase productivity.

CHOOSE THE PACKAGE THAT'S RIGHT FOR YOUR BUSINESS:

The **Professional and Premium packages** give your designers powerful tools to simplify the design process and capture data that drives automated manufacturing.

The **Connected Worker packages** connect your teams to simplify enclosure wiring, assembly and testing work on the manufacturing floor.

Value-add options provide simple, cost-effective ways to manage, control and securely store DTM software projects through cloud storage providers.



SIMPLIFY
DESIGN



CAPTURE
& DEPLOY
KNOWLEDGE



CONNECT
ENGINEERING
TO MANUFACTURING



SOLVE
SKILLED LABOR
SHORTAGES



ACCELERATE
PROFITABLE
GROWTH



CONTACT US

YOUR SUCCESS IS OUR PRIORITY

YOUR NVENT HOFFMAN REPRESENTATIVE
CAN HELP YOU CHOOSE THE PACKAGE
THAT BEST SUPPORTS YOUR SUCCESS.

DTM solutions

When you want to deliver high-quality enclosure modifications faster, while protecting your skilled workers from physical strain and injuries, choose nVent HOFFMAN DTM solutions.

The industry-leading offering includes enclosure modification centers, cutting and wire processing machines, ergonomic material handling products and accessories.

This robust portfolio of integrated, scalable products and services – all from a single global source – is specially designed to help you simplify engineering, streamline workflow and shorten lead times – all while improving safety.

You can also leverage DTM Software (see p. 3) for connecting your workers and machines, seamlessly integrating and optimizing your panel building operations.

All so your team can be safer and more productive – and your organization more profitable.



MODCENTERS MODIFICATIONS MADE EASY

Get the automated edge



**REDUCE
LEAD TIMES**



**IMPROVE
QUALITY**



**DO MORE
BUSINESS FASTER**



**LEARN
MORE**

With industry-leading nVent HOFFMAN ModCenters, you can eliminate time-consuming manual methods and streamline the way your team works – boosting productivity and profitability.

Modification centers automate precise, repeatable cut-outs, drill-holes and threaded holes for electrical enclosures and control panels made from a wide range of materials.

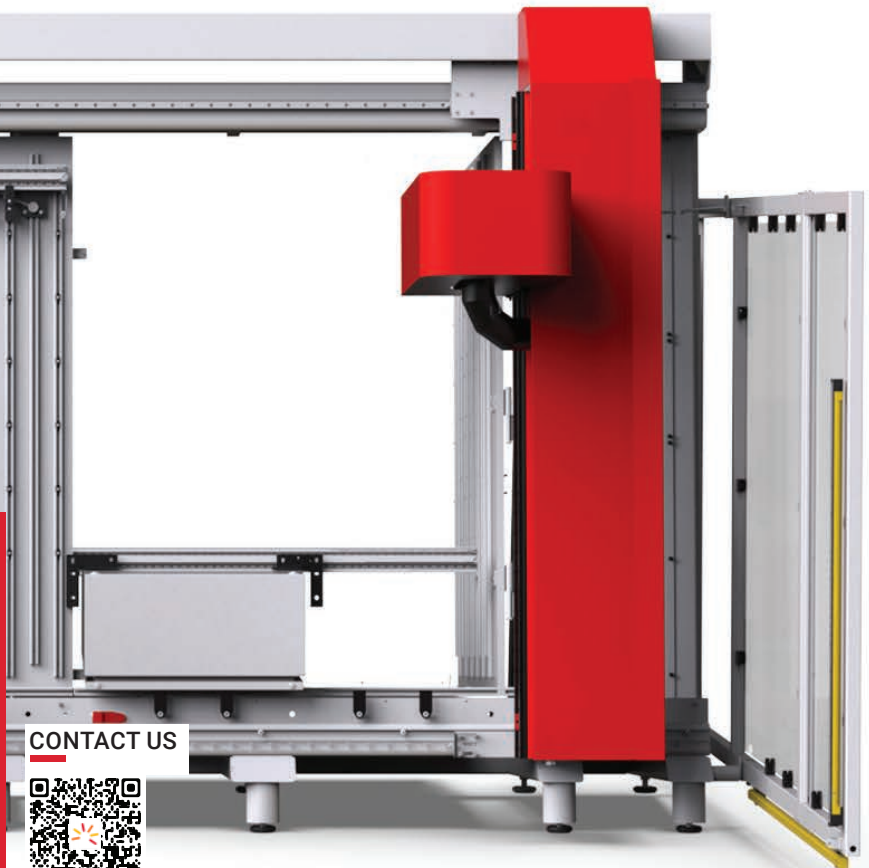
They can also perform all necessary drilling, milling, tapping, circular milling and engraving – and safely and easily process multiple enclosures, panels or mounting plates.

These versatile solutions come in a range of models, so you can choose the one that best suits your business.

**YOUR SUCCESS IS
OUR PRIORITY**

YOU CAN RELY ON
YOUR NVENT HOFFMAN
REPRESENTATIVE TO HELP
IDENTIFY THE MODEL
THAT PERFECTLY FITS
YOUR STRATEGIC GOALS.

CONTACT US



RAIL AND CABLE DUCT CUTTING MACHINES

PREP MADE EASY

Designed to make your job easier, semi-automatic nVent HOFFMAN NC-CUT cutting machines accurately cut cable ducts, DIN rails and busbars – eliminating manual measurements and reducing human error. All so your organization can boost productivity and minimize cutting waste.

They interface with most CAD software and link easily with nVent HOFFMAN ModCenters. Simply import layout drawings, and the machine guides you through the cuts with ease.

You can rely on an NC-CUT cutting machine for one-off projects, serial production and prefabrication.



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Up to
60%
labor reduction vs.
traditional machining

**YOUR SUCCESS IS
OUR PRIORITY**

**YOUR NVENT HOFFMAN
REPRESENTATIVE IS
READY TO PROVIDE ALL
THE INSIGHTS YOU NEED.**



WIRE PROCESSING ASSISTANTS

WIRE PROCESSING MADE EASY

With fully automated wire prefabrication machines, you can optimize the wiring process and reduce costs. These personal wiring assistant solutions fully automate the cutting to length, stripping, "crimping marking" and bundling of wires – boosting productivity by up to 75%, while ensuring precision and quality.

Choose from a variety of PWA solutions with different levels of automation to best meet your business needs. These include wiring assistant options for centralized or decentralized use.

Our leading wiring assistant machine is the PWA6000. This easy-to-use wiring machine integrates with your CAE system to visualize wire routing on the mounting plate. This allows you to save significant and optimize labor resources.

Up to
75%
labor reductions vs.
traditional
wire processing

- ▶ **FULLY AUTOMATED OPERATION**
Minimizes manual work and speeds up production.
- ▶ **AUTOMATED STORAGE**
Keeps up to 12 spools organized and ready, reducing downtime.
- ▶ **MOBILE SOLUTION**
Easily move the system between work areas for maximum flexibility.
- ▶ **WIRE MARKING SYSTEM**
Helps ensure accurate labeling and prevents wiring errors.
- ▶ **USER-FRIENDLY SOFTWARE AND INTERFACE**
Simplifies setup, control and operation.
- ▶ **OPTIMIZED WIRE PANELING**
Delivers clean layouts and faster installations with less rework.

Semi-automatic wiring machines are also available. So are cable storage frames and wire trolleys for added flexibility and convenience



CONTACT US

**YOUR SUCCESS IS
OUR PRIORITY**

TURN TO YOUR
NVENT HOFFMAN
REPRESENTATIVE FOR
EXPERT GUIDANCE ON
WIRING ASSISTANT AND
ACCESSORY SELECTION.



AFTER-MARKET SERVICES

PREVENTIVE MAINTENANCE AND SERVICE MADE EASY

Turn planning into profitability. As with any critical equipment, nVent HOFFMAN engineering, manufacturing, wiring and material handling solutions all perform best when they're properly installed, used and maintained – and so does your business.

Choose from a full range of Aftermarket Services to keep your systems up and running smoothly and maximize the operational life of your equipment:

- Onsite installation
- Machine trainings
- Technical assistance
- Replacement and spare parts
- ModCenter preventive maintenance service plan

nVent HOFFMAN global product experts and experienced distribution network are available to support you every step of the way, from the simplest to most complex solutions.

A wide range of online tools and resources are also available to support your engineering work.

Keep your systems
up and running
at high performance



**MAXIMIZE EQUIPMENT
EFFICIENCY**



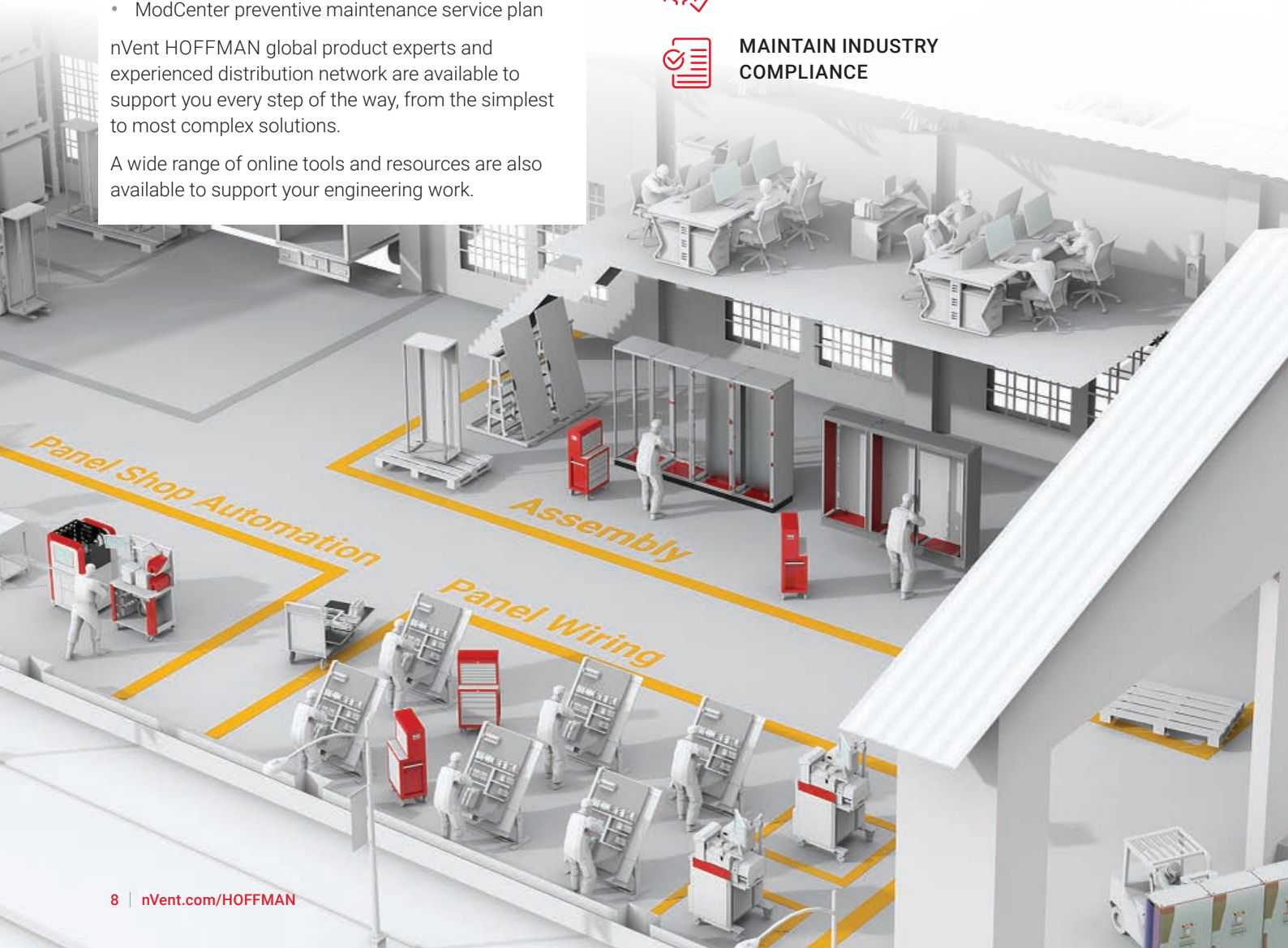
**REDUCE
DOWNTIME**



**ENHANCE EMPLOYEE
SAFETY**



**MAINTAIN INDUSTRY
COMPLIANCE**



ERGONOMIC MATERIAL HANDLING SOLUTIONS AND ACCESSORIES

Rely on ergonomic material handling solutions to simplify and streamline traditional manual tasks for machining, assembling, wiring and testing enclosures – and improve worker safety and comfort.

- High-capacity, small-footprint **"cable storage frames"** simplify cable management, save time and maximize storage efficiency.
- Flexible **wire trolleys** simplify cable handling and assembly.
- Adjustable **storage and transportation trolleys** make handling safer, easier and more comfortable.
- Adjustable-height, multi-angle **"assembly tables"** make panel assembly and wiring easier, more comfortable and more efficient.

All of these ergonomic solutions help protect your team from physical strain and injuries, while making their jobs easier and more streamlined.



**ENHANCE WORKER
COMFORT AND SAFETY**



**IMPROVE ORGANIZATION
AND EFFICIENCY**



**STREAMLINE
WORKFLOW**



YOUR SUCCESS IS OUR PRIORITY

YOUR NVENT HOFFMAN REPRESENTATIVE CAN HELP YOU CHOOSE THE ERGONOMIC MATERIAL HANDLING SOLUTIONS IDEALLY SUITED TO SUPPORT YOUR BUSINESS GOALS.

CONTACT US



DO MORE BUSINESS – FASTER

Transform the way you design
and manufacture electrical
enclosures and panel solutions.

The nVent HOFFMAN portfolio integrated,
scalable solutions is specially designed
to help you simplify engineering,
streamline workflow and shorten lead
times, all while improving safety.



LEARN
MORE

GET THE HELP YOU NEED

OUR EXPERTS ARE HERE TO ANSWER
YOUR QUESTIONS
AND HELP YOU FIND SOLUTIONS.

Contact the Aftermarket Service team via email:

panelshopautomation-support@nVent.com

PSA Aftersales Hours:

Monday–Thursday, 08:00-16:00 CET

Friday, 08:00-14:00 CET







Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE