



NextGen s.r.o.

References · 2026

Portfolio

Our work

Eight kinds of production lines on three continents — from thin-film solar factories to mixed-SKU robot palletizing.

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Čadca, Slovakia

Lines we have built, wired and **brought to life.**

Our mechanical, electrical and software teams have installed and commissioned production lines in 13 countries across Europe, Asia and North America — usually together with long-term partners from Germany and the Netherlands.



01
PHOTOVOLTAICS
Thin-film solar panel production lines

Europe · Asia · USA



02
HANDLING & LOGISTICS
Mixed-SKU robot palletizing

Michigan, USA



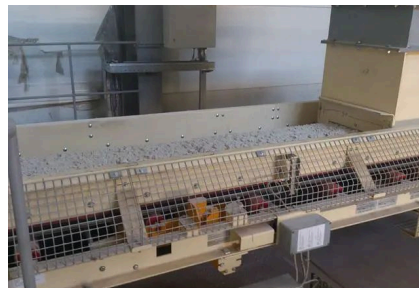
03
HANDLING & LOGISTICS
Display glass handling lines

Shenzhen, China



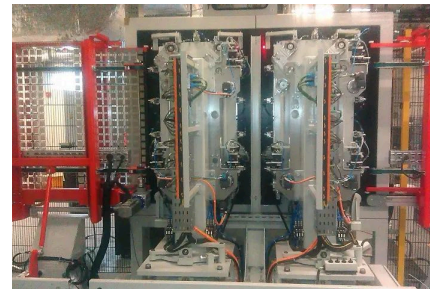
04
PHOTOVOLTAICS
CdTe solar panel production lines

Ohio, USA · Malaysia



05
MANUFACTURING
Plasterboard production lines

Russia · Indonesia



06
PHOTOVOLTAICS
Concentrated PV production lines

Germany · California, USA



07
HANDLING & LOGISTICS
Electric monorail systems

Germany · France · Poland



08
MANUFACTURING
Car production lines

Slovakia

Thin-film solar panel production lines



For several years NextGen personnel took part in installing thin-film photovoltaic panel production lines — our mechanical, electrical and software specialists worked on site in Europe (Germany, Spain, Italy), Asia (China, Taiwan, India) and the USA (California).

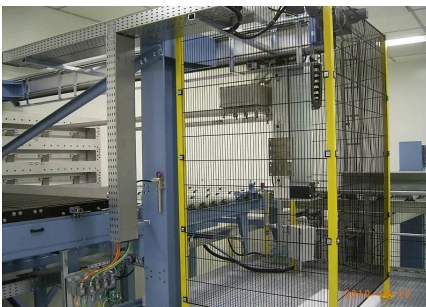
We assembled and commissioned glass transportation equipment designed and manufactured by our German partners, whose confidence in our work resulted in full control over the installation and a service contract for remote and on-site maintenance.

WHERE

Germany · Spain · Italy · China · Taiwan ·
India · USA (California)

OUR SCOPE

Mechanical, electrical & software installation
· commissioning · remote & on-site service



Mixed-SKU robot palletizing



Fast “mixed row” robot palletizing is a complex system built on top technology, developed in cooperation between German and Dutch companies — and our skilled automation experts contribute to its development.

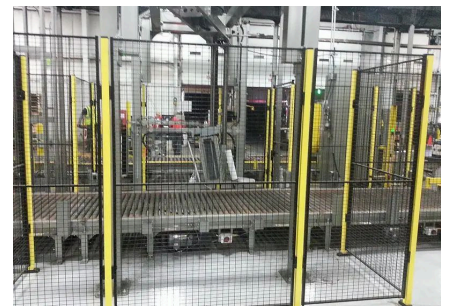
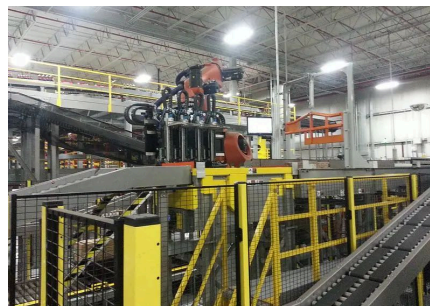
The system was first installed in the warehouse of a bottling & refreshment plant in Michigan, USA, owned by one of the biggest beverage manufacturers in the world.

WHERE

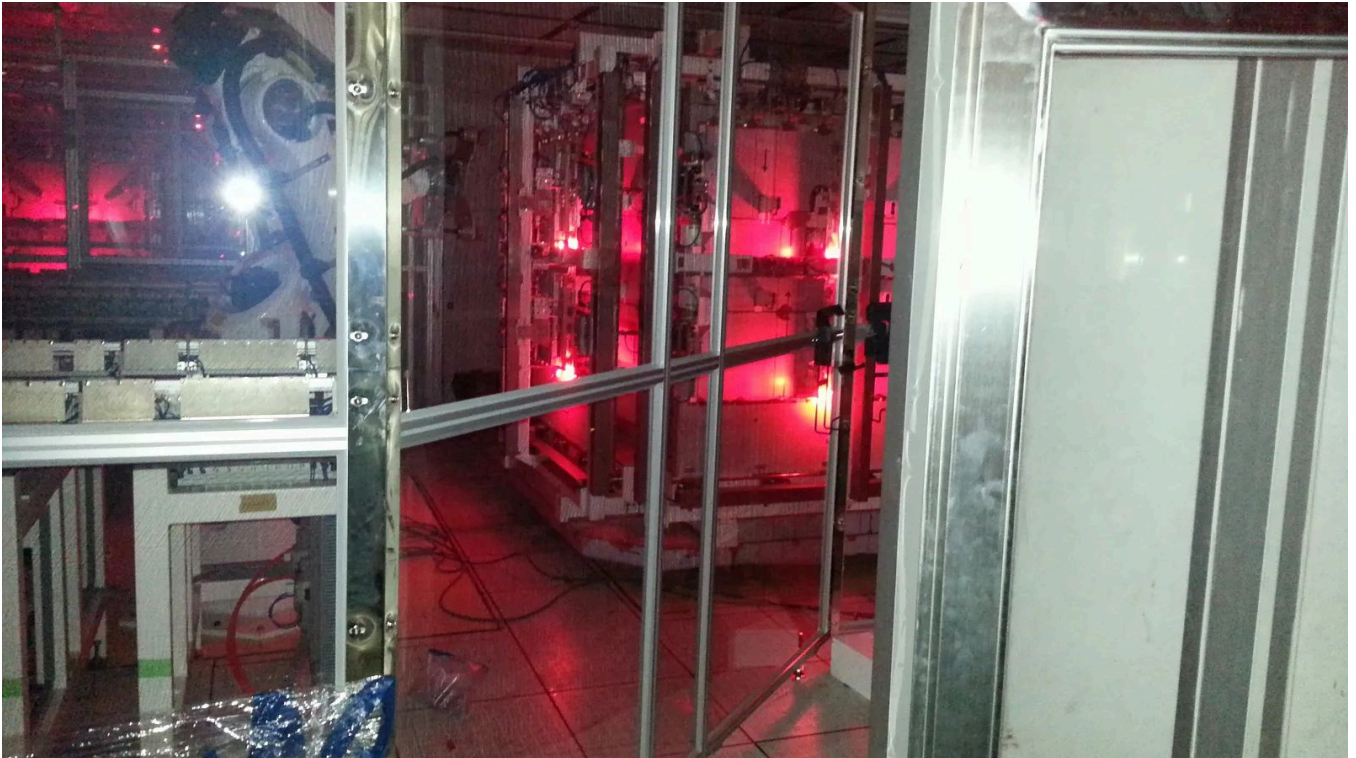
Michigan, USA

OUR SCOPE

Automation development in a German–Dutch partnership



Display glass handling lines



The market for touch devices has grown faster than almost any other — and we didn't stay on the sidelines. Our automation engineers helped commission several display glass production lines in the Shenzhen area, China.

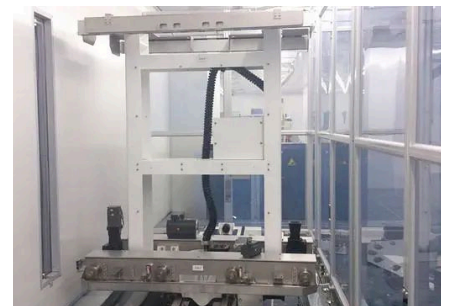
These lines are built around coater machines and use top-tier automation technology: Siemens SIMOTION, KUKA robots and flippers, and more.

WHERE

Shenzhen area, China

TECHNOLOGY

Siemens SIMOTION · KUKA robots & flippers



CdTe solar panel production lines



Keeping in touch with all kinds of solar technology, our biggest long-term automation jobs are in the facilities of one of the world's top CdTe solar panel manufacturers, whose production — and so our installations — takes place in Ohio, USA and in Malaysia.

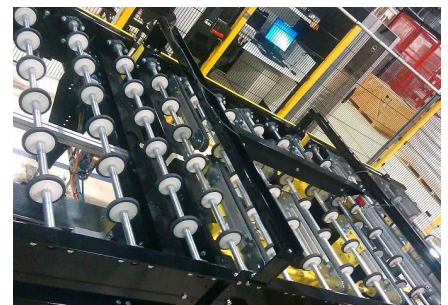
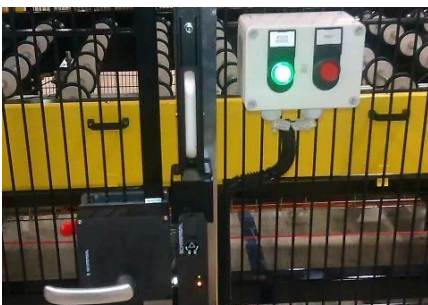
To meet their needs we divided our resources effectively across both locations, under the supervision of our German partner company.

WHERE

Ohio, USA · Malaysia

OUR SCOPE

Long-term automation work with a German partner



Plasterboard production lines



You might think plasterboard production technology doesn't change as time goes on. Our team, supporting a couple of installations in Russia and Indonesia, would prove you wrong.

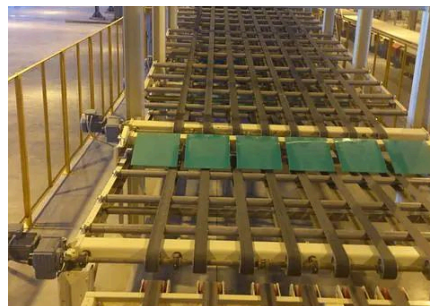
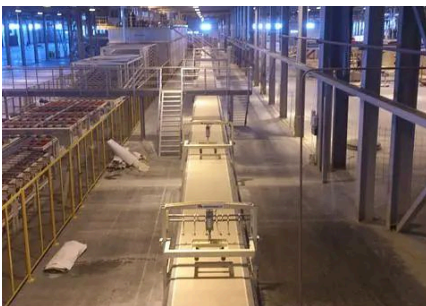
Our partners are working hard to integrate next-gen technology in this field too — and we are proud to be part of it.

WHERE

Russia · Indonesia

OUR SCOPE

Installation support



Concentrated PV production lines



Concentrated sunlight is one of the latest developments in the solar business. A production line prototype was installed in Germany, followed later by a full production line in California, USA.

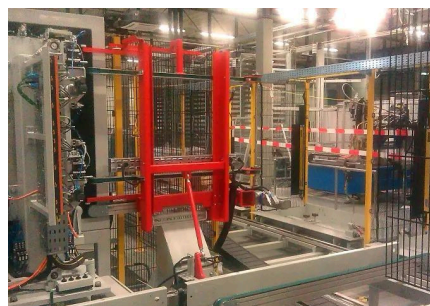
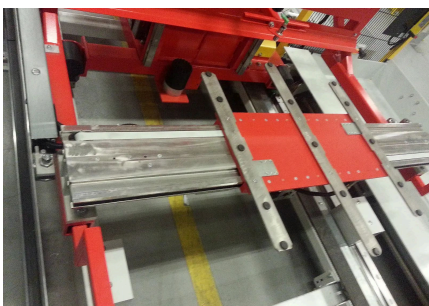
Only top automation technologies were used for these installations — and our mechanical, electrical and software installation teams were there.

WHERE

Germany (prototype) · California, USA

OUR SCOPE

Mechanical, electrical & software installation



Electric monorail systems



The electric monorail systems our team installed in Germany, France and Poland were fast and clean jobs. Our experience with both brush and inductive systems goes back many years, and we keep in touch with the progress in this field of automation.

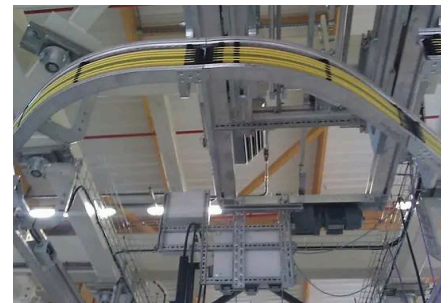
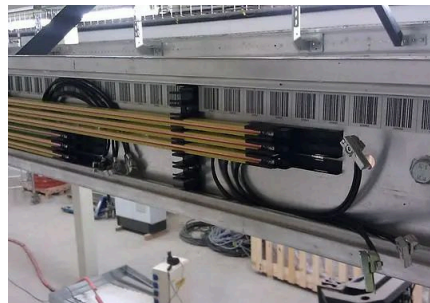
Our specialists are trained directly at the development centres of companies like Wampfler and LJU.

WHERE

Germany · France · Poland

TECHNOLOGY

Brush & inductive power supply · Wampfler · LJU



Car production lines



Our headquarters is in Slovakia — in recent years known for its concentration of car industry. We have contributed to several projects in body and paint shops.

WHERE

Slovakia

OUR SCOPE

Body & paint shop projects



NextGen s.r.o.

Need more information?

Let's talk about your line.

If you need more information, just contact us — we will give you the details and gladly answer your questions.

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