

TOOLMAKING EXCELLENCE WITH 35 YEARS OF TRADITION

June 2026



WE ARE PART OF YOUR WAY FORWARD

www.czskd.cz

CZ-SKD Solutions is a Czech toolmaking company providing complete and comprehensive services in the development and manufacture of precision injection moulds for technically complex plastic components.

For over 35 years, we have been a trusted partner primarily to customers in the automotive industry, as well as other demanding industrial sectors.

Key Facts & Figures:

Founded in January 1990, member of the AIT Group since 2020.

35+

Years of Experience

50

Specialists

3,000+

Produced Moulds

80

Moulds per Year

2,500 m²

Production Area

5,5 mil.

Annual Turnover



A strategic partner providing complete and comprehensive toolmaking solutions, from engineering and mould design to manufacturing, validation and lifetime support.

- Highly experienced R&D team with advanced technical know-how, providing technical support and innovative solutions for our customers.
- Innovative tooling solutions including conformal cooling and advanced mould materials with higher thermal conductivity, delivering proven cycle time reduction, improved process stability and lower production costs.
- Complete in-house project management from concept to serial production, short and reliable project lead times.
- Precision mould manufacturing, all technologies in-house, flexible production capacities.
- Possibility of mould manufacturing in China – our own partnership tool shop and team of specialists.

We are committed to building long-term partnerships based on trust, performance and continuous customer success.



We specialize in moulds for technically complex plastic components with high added value.

The more complex the plastic parts are, the more interesting and challenging for us.

We can produce injection moulds with a mould weight of up to eight tonnes.



Applications we have experience with:

- **Technically complex parts**
(radiator tanks, thermostats, filters, pumps, manifolds)
- **Molds with complex mechanisms**
(inner thread demolding, rotating cores)
- **Visible parts** (exterior/interior, headlights)
- **Overmolding** (parts with integrated components)
- **2K and 3K injection moulds**
- **High-temperature molds** (PPS, PPA, up to 60% glass fiber)
- **Welded parts** (vibration/ultrasonic welding, fixtures)
- **GIT and MuCell technologies**
- **Replacing metal and casted parts with injected plastics**
- **MIM** (metal injection molding)

We have extensive experience with highly complex applications and tooling projects.



**2K and 3K
Plastic Parts**



**Parts with
Overmoulding**



GIT and MuCell



**High-Temperature
Materials**



Welded Parts

A modern and fully equipped machinery park for the production of high precision injection moulds.

To achieve maximum precision and productivity, we utilize machines with automation, HSC machining, 5-axis machining and advanced EDM technologies.

Powered by premium equipment from Hermle, DMG MORI and United Machining (+GF+).



In-House Manufacturing Technologies:

- 5-Axis CNC Milling (with automation)
- 5-Axis Graphite Electrode Machining (with automation)
- EDM Die-Sinking (with automation)
- EDM Wire Cutting (quick clamping fixtures)
- Metrology & Quality Control (CMM)
- Spotting Press & Assembly
- Laser & TIG Welding
- Laser Marking
- Conventional Machining



Our commitment to quality and continuous innovation drives every aspect of our business.

- **Certified Quality Management System**
ISO 9001, ISO 14001 and ISO 45001
- **Advanced Measurement & Validation**
Two Wenzel CMMs, microscope and calibrated measuring equipment
- **Certified Suppliers & Materials**
Certified tool steel and heat treatment suppliers
- **Digital Engineering & Production Control**
CAD PTC Creo, 5-axis CAM WorkNC, ERP Karat and MES xMost
- **Lean Manufacturing & Continuous Improvement**
5S and TPM principles implemented throughout production

We offer the development of an ideal injection mold concept with regard to technological requirements for quality and precision of the molded part, requirements for cost-effective production and required tool life with respect to the expected production volume and mold utilization.

ZERTIFIKAT ♦ CERTIFICATE ♦ 認證書 ♦ СЕРТИФИКАТ ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

Management Systems Certification Body No. 3053
TUV SUD Czech s.r.o.

confirms that



CZ-SKD Solutions a.s.
Husova 549
CZ – 687 71 Bojkovice
Ident. No.: 06597211

has established and applies
a quality management system for

**development and manufacturing of injection moulds,
stamping tools, assembly and checking jigs**

Based on the audit performed, Report No. 16.223.063
compliance with the requirements of the standard
has been proved according to

ISO 9001:2015

This certificate is valid from 04.09.2024 until 01.09.2027

Certificate registration No. 16.222.900



In Prague on 04.09.2024

CUSTOMER REFERENCES



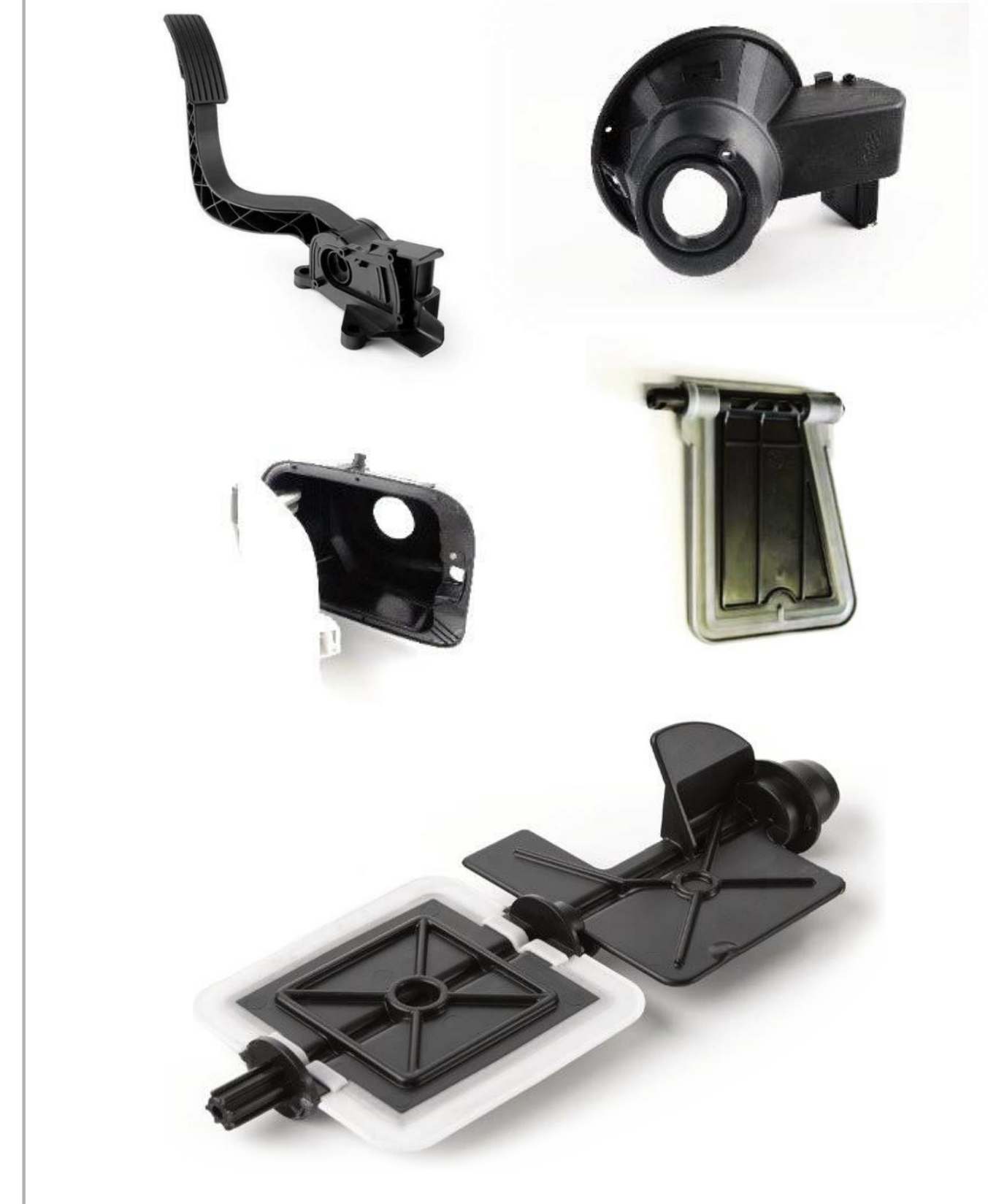
Technicall complex parts



Visible exterior and interior parts



2K and 3K parts



Overmoulding



High-temperature moulds



GIT and Mucelltechnologies



Welded parts



Powertrain and cooling-system parts



Replacing metal machined parts with plastic parts

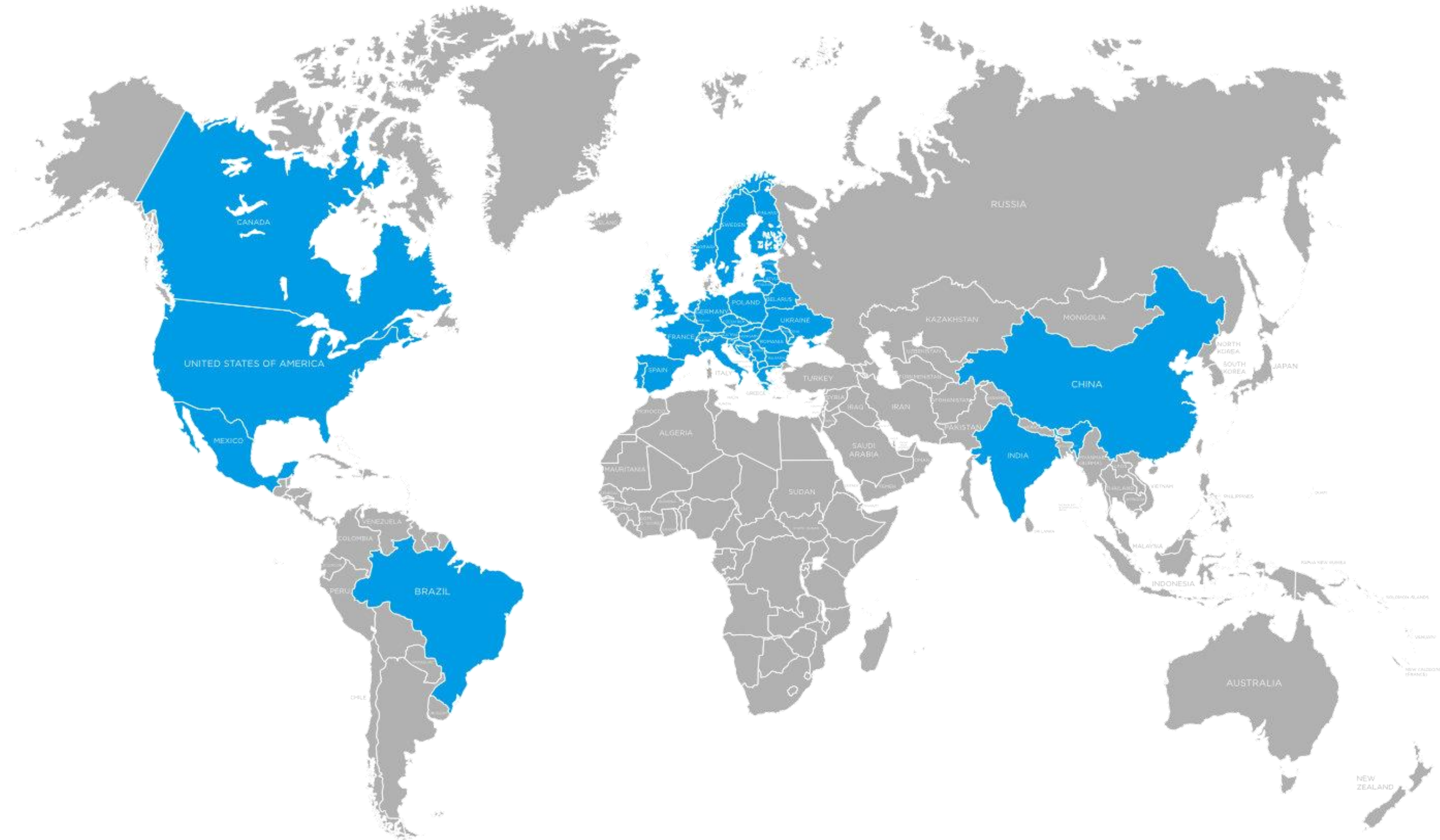


Mounted parts



Experience with global projects around the world

- European Union
- USA
- Canada
- Mexico
- Brazil
- India
- China



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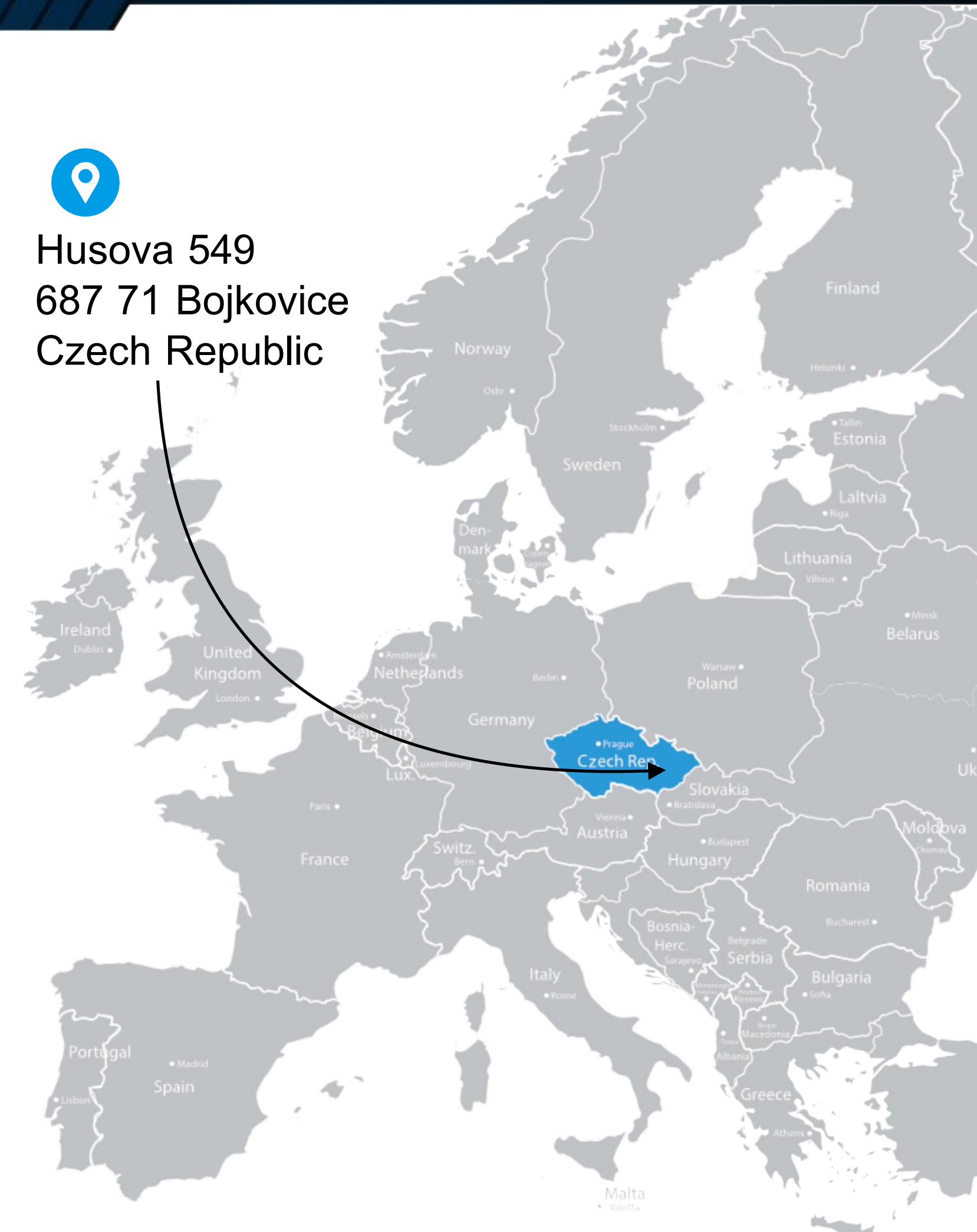
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