

SRIPTOP
KATALOG ČLANOV
MEMBERS GUIDE
2021





Institut „Jožef Stefan“, fotografija: Arne Hodalič in Katja Bidovec / Jožef Stefan Institute, photo: Arne Hodalič and Katja Bidovec

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O PARTNERSTVU

V okviru Strategije Pametne Specializacije je Institut Jožef Stefan koordinator strateško razvojno inovacijskega partnerstva Tovarne prihodnosti (SRIP ToP). V skladu s sprejetim poslovnim modelom in programskimi dokumenti SRIP ToP deluje na naslednjih fokusnih področjih:

- robotski sistemi in komponente,
- inteligentni sistemi vodenja za tovarne prihodnosti,
- pametna mehatronska orodja,
- inteligentni laserski sistemi,
- pametni plazemski sistemi,
- napredni senzorji,
- novi materiali,
- pametne tovarne.

Razvijamo in skrbimo tudi za šest horizontalnih mrež, ki zagotavljajo ključne tehnologije za tovarne prihodnosti v okviru SRIPToP in za ostala strateško razvojno inovativna partnerstva v Sloveniji:

- robotika,
- tehnologije vodenja,
- nanotehnologije,
- fotonika,
- plazemske tehnologije,
- sodobne proizvodne tehnologije za materiale.

Vsem področjem je cilj ustvarjanje prodornih izdelkov, tehnologij in procesov za področje tovarn prihodnosti, ki predstavlja osrednji prostor povezovanja vseh področij ter predstavlja hkrati velik potencial za ustvarjanje novih poslovnih verig in ustvarjanje sinergij med akademskim okoljem in zainteresiranimi podjetji.

SRIP ToP deluje na naslednjih ravneh:

- kot celota,
- preko notranje vzpostavitve poslovnih verig vrednosti ali
- vertikalnih in horizontalnih mrež v njegovem okviru,
- preko svojih omogočiteljskih mrež z drugimi SRIP-i.

ABOUT PARTNERSHIP

Within the framework of the Smart Specialization Strategy, Jožef Stefan Institute is the coordinator of the Strategic Development and Innovation Partnerships of the Factory of the Future (SRIP FoF). In accordance with the accepted business models and program documents SRIP FoF work on the following focus areas:

- *robot systems and components,*
- *intelligent management systems for future factories,*
- *smart mechatronic tools,*
- *intelligent laser systems,*
- *smart plasma systems,*
- *advanced sensors,*
- *new materials,*
- *smart factory.*

We also develop and look after six horizontal networks that provide key technologies for future factories within SRIP FoF and for other strategic development and innovation partnerships in Slovenia:

- *Robotics,*
- *Control Technologies,*
- *Nanotechnologies,*
- *Photonics,*
- *Plasma technologies,*
- *Modern Production Technologies for Materials.*

In all areas, the goal is to create pervasive products, technologies and processes for the field of future factories, which represents a central area of integration of all areas, and at the same time represents a great potential for creating new business chains and creating synergies between the academic environment and interested companies.

SRIP FoF operate at the following levels:

- *as a whole,*
- *through the internal establishment of business value chains or*
- *vertical and horizontal networks within its framework,*
- *through their enabling networks with other SRIPs.*

CILJI

V okviru strateškega partnerstva za raziskave in inovacije SRIP ToP bomo zbrali in povezali slovenska raziskovalna in inovacijska znanja ter izkušnje iz industrijske in akademske sfere ter izpostavili prioriteta prebojna področja novih izdelkov, tehnologij in storitev za Tovarne prihodnosti. S tem bomo omogočali možnost učinkovite proizvodnje na domači lokaciji z uvedbo proizvodnih procesov, ki so sposobni samodejnega spreminjanja, prilagajanja in učenja, da dosežejo zahtevano kakovost po sprejemljivi ceni, ki omogoča podjetjem konkurenčnost in nadaljnji razvoj v okviru globalne ekonomije.

Vzpostavili bomo podporno okolje s strokovnimi službami za industrijo in raziskovalne organizacije, ki bo kos bodočim kadrovskim izzivom področja tako na podjetniški kot akademski ravni in bo zagotavljalo hiter prenos znanja v industrijo in novih vsebin v izobraževalni sistem.

Z internacionalizacijo rezultatov skupnega razvoja, ustrezno zaščito ustvarjene industrijske lastnine, spodbujanjem visokotehnološkega podjetništva in pomoči članicam pri spoprijemanju z okoljskimi izzivi, bomo omogočali hitrejši in enostavnejši prehod podjetij na globalni trg.

Podporno okolje bo obenem nudilo ustrezne storitve obstoječim podjetjem, ki se podajajo na pot transformacije v tovarne prihodnosti, glede na njihovo stopnjo razvitosti in željeno dinamiko.

OUR MISSION

In the framework of the Strategic Partnership for Research and Innovation SRIP FoF, we will compile and integrate Slovenian research and innovation know-how, experience from the industrial and academic spheres, and highlight the priority breakthroughs of new products, technologies and services for the Factories of the Future. This will enable the possibility of efficient production in homeland with the introduction of production processes that are capable of automatic modification, adaptation and learning in order to achieve the required quality at an acceptable price, which enables competitiveness and further development within the global economy.

We will set up a supportive environment with professional services for industry and research organizations that will address future human resource challenges at the corporate and academic level and will ensure a rapid transfer of knowledge into industry and new content into the education system.

By internationalizing the results of joint development, adequately protecting industrial property, promoting high-tech entrepreneurship and helping member countries tackle environmental challenges, we will allow faster and easier transition of companies to the global market.

At the same time, the support environment will provide appropriate services to existing companies that are going on the path of transformation into the factories of the future, according to their level of development and the desired dynamics.



fotografija: arhiv Helios TBLUS d.o.o. / the archives of Helios TBLUS d.o.o.

FOKUSNA PODROČJA

FOCUS AREAS

ROBOTSKI SISTEMI IN KOMPONENTE



ROBOTIC SYSTEMS AND COMPONENTS

INTELIGENTNI SISTEMI VODENJA



INTELLIGENT CONTROL SYSTEMS

PAMETNA MEHATRONSKA ORODJA



SMART MECHATRONICS TOOLS

NAPREDNI SENZORJI



ADVANCED SENSORS

INTELIGENTNI LASERSKI SISTEMI



INTELLIGENT LASER SYSTEMS

PAMETNI PLAZEMSKI SISTEMI



SMART PLASMA SYSTEMS

NOVI MATERIALI



NEW MATERIALS

PAMETNA TOVARNA



SMART FACTORY

ROBOTSKI SISTEMI IN KOMPONENTE *ROBOTIC SYSTEMS AND COMPONENTS*



Koordinator / *Coordinator*:



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INTELENTNI SISTEMI VODENJA *INTELLIGENT CONTROL SYSTEMS*



Koordinator / *Coordinator*:



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PAMETNA MEHATRONSKA ORODJA *SMART MECHATRONICS TOOLS*



Koordinator / *Coordinator*:



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orodjarstva Slovenije d.o.o.
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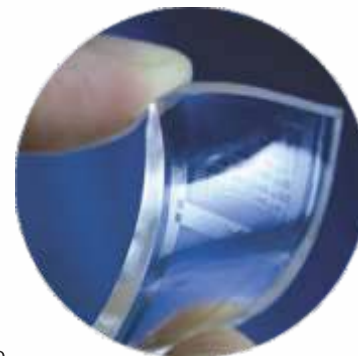
NAPREDNI SENZORJI *ADVANCED SENSORS*



Koordinator / *Coordinator*:



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INTELEKTNI LASERSKI SISTEMI INTELLIGENT LASER SYSTEMS



Koordinator / Coordinator:



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LPKF Laser & Electronics d.o.o.
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PAMETNI PLAZEMSKI SISTEMI SMART PLASMA SYSTEMS



Koordinator / Coordinator:



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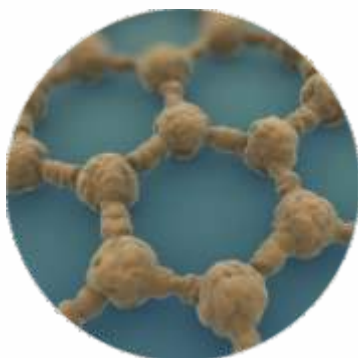
NOVI MATERIALI NEW MATERIALS



Koordinator / Coordinator:



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PAMETNA TOVARNA SMART FACTORY



Koordinator / Coordinator:



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fotografija: arhiv Kolektor Sisteh d.o.o. / photo: the archives of Kolektor Sisteh d.o.o.

TEHNOLOGIJE

TECHNOLOGIES

ROBOTIKA



ROBOTICS

TEHNOLOGIJE VODENJA



CONTROL TECHNOLOGIES

NANOTEHNOLOGIJE



NANOTECHNOLOGIES

FOTONIKA



PHOTONICS

PLAZEMSKE TEHNOLOGIJE



PLASMA TECHNOLOGIES

SODOBNE PROIZVODNE TEHNOLOGIJE ZA MATERIALE



MODERN PRODUCTION TECHNOLOGIES FOR MATERIALS

ROBOTIKA ROBOTICS

Koordinator / Coordinator:



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Institut Jožef Stefan
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TEHNOLOGIJE VODENJA CONTROL TECHNOLOGIES

Koordinator / Coordinator:



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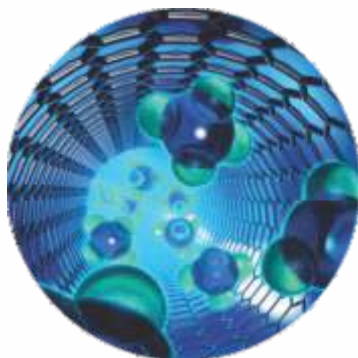


NANOTEHNOLOGIJE NANOTECHNOLOGIES

Koordinator / Coordinator:



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FOTONIKA PHOTONICS

Koordinator / Coordinator:



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PLAZEMSKE TEHNOLOGIJE PLASMA TECHNOLOGIES

Koordinator / Coordinator:



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SODOBNE PROIZVODNE TEHNOLOGIJE ZA MATERIALE MODERN MANUFACTURING TECHNOLOGIES FOR MATERIALS

Koordinator / Coordinator:



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ČLANI SRIPTOP - PODJETJA / SRIPFOF MEMBERS - COMPANIES

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| 33 | INEA RBT d.o.o. | | |
| 34 | Intrakon d.o.o. | | |
| 35 | Iskra d.d. | | |
| 36 | Iskra AMS d.o.o. | | |
| 37 | Kalmia d.o.o. | | |
| 38 | Kolektor Sisteh d.o.o. | | |
| 39 | Lotrič Meroslovje d.o.o. | | |
| 40 | LPKF d.o.o. | | |
| 41 | Marovt d.o.o. | | |
| 42 | Merel d.o.o. | | |
| 43 | Metronik d.o.o. | | |
| 44 | Miheu d.o.o. | | |
| 45 | Odelo Slovenija d.o.o. | | |
| 46 | Optotek d.o.o. | | |
| 47 | Plasmadis, Plazemska diagnostika in sistemi, d.o.o. | | |
| 48 | Podkrižnik d.o.o. | | |
| 49 | Polycom d.o.o. | | |
| 50 | PS d.o.o. | | |
| 51 | Raci d.o.o. | | |
| 52 | RCeNeM d.o.o. | | |
| 53 | Redstart d.o.o. | | |
| 54 | Result d.o.o. | | |
| 55 | Retro d.o.o. | | |

Albatros-PRO d.o.o.



Albatros-PRO d.o.o.

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Družinsko podjetje **Albatros-pro d.o.o.** z dvajsetletno tradicijo ponuja široko paleto rešitev avtomatizacije tehnoloških procesov v proizvodnji izdelkov za avtomobilsko industrijo, sanitarno tehniko in proizvodnjo izdelkov za široko potrošnjo. Svojim kupcem ponujamo celovite rešitve organizacije delovnih procesov, v naše naprave po želji kupca vgradimo nadzorni sistem za sistemsko spremljanje proizvodnih procesov, ki omogoča nadzor nad delovanjem postrojenja z oddaljenega mesta oziroma prek telefona.

Razvijamo tudi samostojne rešitve na področju pranja izdelkov po obdelavi, posluževanja brizgalnih strojev z vstavljanjem zahtevnih podsopov v brizgalno orodje in izdelavo naprav za pripravo personaliziranih kozmetičnih izdelkov.

Vizija podjetja Albatros – pro d.o.o. je postati in ostati vodilno neodvisno podjetje za razvoj novih rešitev na področju avtomatizacije in robotizacije tehnoloških – proizvodnih procesov z izraženo noto podjetja, ki skrbi za svoje zaposlene, za širšo lokalno skupnost in okolje.

PROIZVODI / STORITVE:

- namenski stroji in naprave za avtomatizacijo postopkov,
- robotske obedovalne, manipulativne in montažne celice,
- kompleksna tehnološka postrojenja, ki vključujejo standardne in namensko narejene stroje, katere povezujejo tehnološko napredni transportni sistemi.

***Albatros-pro d.o.o.**, a family-run business, with its 20 years of tradition, offers a broad range of automation solutions for technological processes in the manufacture of products for the automotive industry, sanitary industry, and production of general-consumption products.*

Customers are offered integrated solutions for the organization of work processes, with an optional built-in control system for complete surveillance of the production process that allows control over the plants functioning from a remote location or over the telephone.

Furthermore, the company develops independent solutions in the field of washing products after machining, automatic handling of products directly from/into injection moulding machines with the insertion of demanding sub-assemblies in the injection tool and manufacturing devices for preparation of personalized cosmetic products.

The company's vision is to become and remain the leading independent company for the development of new solutions on automation and robotization of technological manufacturing processes, with emphasis on the company's care for its employees and the wider local community and environment.

PRODUCTS & SERVICES:

- *special purpose machines and devices for process automation,*
- *robotic machining, manipulation, and assembly cells,*
- *complex technological plants that include standard and special purpose machines and devices, connected with technologically advanced transportation systems.*



AVASTAR Automation d.o.o.

AVASTAR Automation d.o.o.

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Managing Director:

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Avastar Automation

25 let izkušenj.

Razvoj, projektiranje in izdelava avtomatskih robotiziranih strojev ter naprav, kjer so implementirane stroge zahteve kakovosti avtomobilske industrije (100% sledljivost, 100% ponovljivost, 100% kontrola kakovosti, 100% kontrola procesa).

Smo integrator proizvodnih procesov – tako strojnega, kot programskega dela.

Naši izdelki so povezljivi z drugimi stroji v okolju. Z njimi komunicirajo ter zbirajo procesne podatke za takojšnjo obdelavo in odločanje.

Naši izdelki so pripravljene na zahteve Industrije 4.0 in pametnih tovarn prihodnosti.

Avastar Automation

25 years of experience.

Development, design and production of automated robotised machines for production processes where demanding automotive industry standards and specifications are applied (100% traceability, 100% repeatability, 100% quality control, 100% process control).

We are an automotive production process integrator – hardware and software-wise.

Our products are interconnected with other machines in the surrounding environment. They communicate with with them and collect process data for immediate usage and decisionmaking.

Our products are ready for Industry 4.0 requirements and to be integrated into Smart plants of the future.

BSH Hišni aparati I.D. d.o.o.

B/S/H/

BSH Hišni aparati d.o.o. Nazarje



BSH Hišni aparati d.o.o. Nazarje

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BSH Hausgeräte GmbH je eno od vodilnih podjetij na svetu v tej industriji in največji proizvajalec hišnih aparatov v Evropi. BSH želi ugoditi posamičnim potrebam potrošnikov po vsem svetu in si prizadeva, da bi s svojimi vrhunskimi blagovnimi znamkami, inovativnimi proizvodi in izjemnimi rešitvami nenehno izboljševal kakovost življenja ljudi.

Poleg globalnih blagovnih znamk Bosch in Siemens ter Gaggenau in Neff, globalni portfelj blagovnih znamk vključuje tudi lokalne blagovne znamke Thermador, Balay, Profilo, Constructa, Pitsos, Coldex, Ufesa in Zelmer. Medtem ko so globalne blagovne znamke usklajene z ustreznimi ciljnim skupinami praktično povsod po svetu, vsaka od lokalnih blagovnih znamk BSH v svoji lastni ciljni skupini ohranja močan lokalni odnos s potrošniki.

BSH ima licenco podjetja Robert Bosch GmbH za blagovno znamko Bosch in licenco podjetja Siemens AG za blagovno znamko Siemens.

Podjetje je bilo ustanovljeno leta 1967 kot skupno podjetje družb Robert Bosch GmbH (Stuttgart) in Siemens AG (München) ter je od januarja 2015 100-odstotno v lasti Skupine Bosch. Skozi svojo 50-letno zgodovino je BSH iz nemškega izvoznika zrasel v drugega največjega proizvajalca hišnih aparatov na svetu. Z več kot 61,000 zaposlenimi po vsem svetu je BSH svoj prihodek v letu 2017 povišal na okoli 13,8 milijard evrov. BSH proizvaja celotno paleto sodobnih hišnih aparatov v okoli 43-ih tovarnah po vsem svetu. Portfelj proizvodov vključuje štedilnike, pečice, nape, pomivalne stroje, pralne in sušilne stroje, hladilnike in zamrzovalnike ter male hišne aparate, kot so sesalniki, kavni aparati in kuhinjski aparati. S tehnologijo Home Connect BSH ponuja platformo več blagovnih znamk kot osnovo za hitro rastoči ekosistem povezanih hišnih aparatov in na uporabnike osredotočenih storitev, ki v kuhinji poskrbijo za posebno futuristično izkušnjo.

BSH Hausgeräte GmbH is one of the world's leading companies in the sector and the largest home appliance manufacturer in Europe. To be the first choice for consumers worldwide drives the company and its employees. BSH aspires to improve the quality of life for people with its exceptional brands, high-class products and superior solutions.

Alongside the global brands Bosch and Siemens, as well as Gaggenau and Neff, the brand portfolio includes the local brands Thermador, Balay, Profilo, Constructa, Pitsos, Coldex, Ufesa and Zelmer. While the global brands are aligned to their respective target groups practically everywhere in the world, the local BSH brands each maintain a strong local relationship to the consumers.

BSH is a trademark licensee of Robert Bosch GmbH for the Bosch brand and Siemens AG for the Siemens brand.

Founded in 1967 as a joint venture of Robert Bosch GmbH (Stuttgart) and Siemens AG (Munich), BSH has been 100 percent owned by Bosch Group since January 2015. In its over 50 years of history, BSH has grown from a German exporter into one of the world's leading home appliance manufacturers. With more than 61,800 employees worldwide, BSH increased its revenue in 2017 to around 13.8 billion euro. BSH produces the entire range of modern home appliances at 43 factories worldwide. The product portfolio ranges from cookers, ovens and extractor hoods, dishwashers, washers and dryers, fridges and freezers to small appliances such as vacuum cleaners, coffee machines or food processors.

With Home Connect, BSH offers a cross-brand platform as the basis for a rapidly growing ecosystem of connected home appliances and consumer-centric services for a special future experience in the kitchen.



CADCAM LAB d.o.o.

CADCAM LAB d.o.o.

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Vaš zanesljiv partner na poti digitalne preobrazbe.

Podjetje **CADCAM Lab** je član Skupine CADCAM, ki je že 30 let prisotna na trgu razvoja in proizvodnje izdelkov, predvsem v avtomobilski industriji, ladjedelnstvu, energetiki in proizvodnji industrijske opreme. Z nenehnim delom in učenjem smo zrasli v vodilnega ponudnika digitalnih rešitev ter v prvo izbiro industrije v digitalni preobrazbi.

PROIZVODI / STORITVE:

Uvajamo optimalne rešitve ter gradimo znanje in zmogljivosti, potrebne za digitalni napredek in konkurenčnost pametnih tovarn na svetovni ravni.

Znanje in izkušnje uporabljamo za poenostavitev in avtomatizacijo procesov v 3D-oblikovanju in proizvodnji ter za uvajanje digitalne platforme. S tem pomagamo partnerjem na poti digitalne preobrazbe in jim omogočamo preprostejše in učinkovitejše delo.

Strokovna ekipa konfigurira in uvede optimalno rešitev, prilagojeno resničnim potrebam in poslovnim ciljem.

Izkušeni inženirji pomagajo pri 3D-oblikovanju, simulacijah, pripravi tehnologije ali dokumentacije, avtomatizirajo rutinske procese in izboljšajo metodologijo dela.

Ekipa certificiranih predavateljev pomaga hitreje in učinkoviteje uporabljati nove tehnologije in programska orodja, kot so CATIA, SIMULIA, ENOVIA, DELMIA in platforma 3DEXPERIENCE. CADCAM Group je edini pooblaščen Dassault Systèmes certifikacijski partner (CEP) v jadranski regiji.

Še posebej smo ponosni na lastno programsko rešitev MECODES, ki omogoča izmenjavo podatkov med programsko rešitvijo CATIA ali 3DEXPERIENCE in Altium Designer, Mentor PADS/Xpedition ali Cadence Allegro.

CADCAM Lab is a member of the CADCAM Group, which has been present for 30 years in the field of product development and manufacturing, primarily in the automotive industry, shipbuilding, energy, and in the industrial plant sector.

Through continuous work and learning, we have become the leading digital solution provider and industry's no. 1 choice for digital transformation.

PRODUCTS & SERVICES:

We introduce optimal solutions and build the knowledge and capacities necessary for a digital breakthrough and global competitiveness of smart factories. We use our experience to simplify and automate processes in 3D design and manufacturing, to implement a digital platform. We lead our partners through digital transformation and help them to work in a simpler and more efficient way.

Our expert team configure and implement the optimal solution tailored to actual needs and business goals.

Experienced engineers help in 3D design, simulations, technology or document preparation, automate the routine processes and improve methodology.

A team of certified lecturers helps to apply new technologies more quickly and efficiently with training courses for CATIA, SIMULIA, ENOVIA, DELMIA and 3DEXPERIENCE. The CADCAM Group is the only authorized Dassault Systèmes' certification center (CEP) in the Adriatic region.

We are extremely proud of our own solution MECODES, which facilitates a simple data exchange between the Dassault Systèmes CATIA /3DEXPERIENCE and Altium Designer, Mentor PADS/Xpedition or Cadence Allegro.

CAP d.o.o.



CAP, Center za aplikativne polimere d.o.o.

CAP, Centre for applicable polymers Ltd.

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CAP je viskotehnoško podjetje, specializirano za razvoj in proizvodnjo lahkih polimernih produktov.

Zmanjšanje mase je eden izmed pglavlitnih ciljev vseh mobilnih sektorjev. V podjetju CAP imamo širok nabor znanj, procesnih tehnologij in opreme za razvoj in izdelavo lahkih polimernih produktov, večinoma kompozitov, tako s termoplastičnimi kot termosetnimi kompoziti. Razvijamo in izdelujemo tako strukturne kot nestrukturne kose ali celotne sklope oz produkte.

V sektorju navtike in urbane mobilnosti razvijamo, proizvajamo in tržimo produkte pod lastnima blagovnama znamkama, v caravan sektorju pa sodelujemo z EU kupci. Veliko večina prihodkov ustvarimo na trgu EU. Imamo močno raziskovlano skupino in smo uspešni tako na nacionalnih kot EU RR projektih.

PROIZVODI/STORITVE:

- NAVTIKA: termosetni kompozitni produkti (krmila, krmilna kolesa, mostički)
- CARAVAN: termosetni (lažji strukturni kosi) in termoplastični kompozitni nestrukturni kosi (lahke notranje obloge)
- MOBILITY: lastne rešitve urbane mobilnosti pod blagovno znamko OLAF scooters

CAP is a high tech company, specialized in design, development and manufacturing lightweight polymer products.

Mass reduction is one of main goals in modern mobility. CAP has extensive portolio of knowledge, diverse process technologies and equipment for development and manufacturing polymer products. Main focus is in composites, both, thermoplastic and termoset based. We design, develop and manufacture structural and nonstructural lightweight polymer parts, assemblies or complete products.

In marine and mobility sector we develop and manufacture products under our own brands while in caravan sector we work with majority of EU brands. Majority of income is realized in EU markets.

In addition, we have in house competitive RR team active in a field of national and EU RR projects.

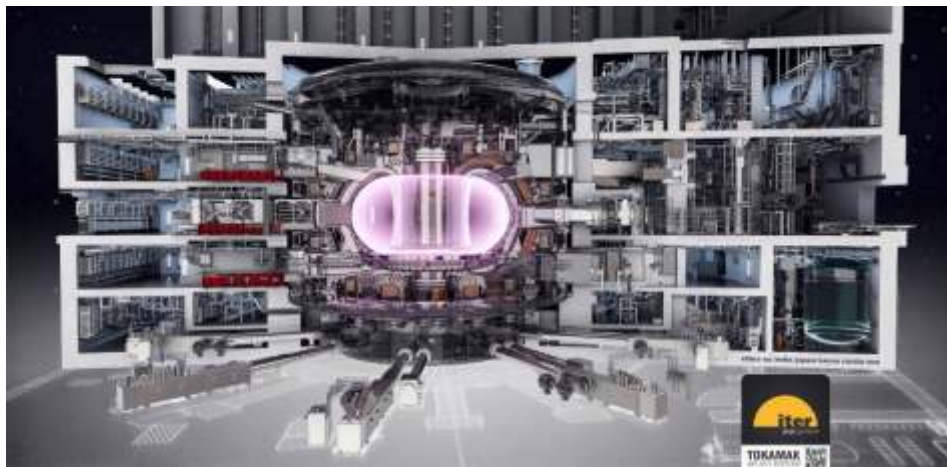
PRODUCTS & SERVICES:

- MARINE: termoset lightweight composite products (steering wheels, tillers, gangways)
- CARAVAN: termoset lightweight structural parts and thermoplastic composites products (interior panels)
- MOBILITY: several products developed and manufactured under our own brand OLAF scooters

COSYLAB, d.d.
Control System Laboratory

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The donut-shaped reactor called tokamak, in which the hydrogen plasma will be heated to 150 million degrees Celsius, ten times hotter than the core of the Sun, to enable the fusion reaction.

CERTIFIKATI / CERTIFICATES:

ISO9001:2015
 ISO13485:2003

Cosylab je vodilno podjetje na področju integracije kontrolnih sistemov za pospeševalnike delcev in druge velike fizikalne infrastrukture, kot so tokamaki, medicinski pospeševalniki in radijski teleskopi.

PROIZVODI / STORITVE:

Podjetje je hitro rastoče slovensko visokotehnološko podjetje, ki je osredotočeno na razvoj naprednih tehnologij za svetovni trg. Izdelujejo inovativne produkte in storitve, ki so namenjene tehnološko zahtevnim kupcem in trgom. S kakovostnim delom v največjih eksperimentalnih raziskovalnih infrastrukturnah, kot so: CERN, ITER, ALMA, ESS, FAIR, SNS idr., je Cosylab postalo vodilno podjetje, ki je specializirano za razvoj kontrolnih sistemov za pospeševalnike in druge velike eksperimentalne infrastrukture.

Rast podjetja, potrebe trga in želja po preseganju pričakovanj strank so v podjetju Cosylab vodile v certificiranje naših procesov s standardoma: ISO9001:2015 ("Consulting development and supply of software and hardware") in ISO13485:2003 ("Production of control and information systems for therapeutic and diagnostic medical devices")

Cosylab is a leading company in the field of integration of control systems for particle accelerators and other large physical infrastructures, such as tokamaks, medical accelerators and radio telescopes.

PRODUCTS & SERVICES:

The company Cosylab is a fast growing high-tech Slovenian company that is focused on the development of advanced technologies for the global market. They produce innovative products and services that are designed for technologically the most demanding customers and markets. With high-quality work in the biggest experimental research infrastructures such as CERN, ITER, ALMA, ESS, FAIR, SNS and others, the company Cosylab became a leading company that specializes in the development of control systems for accelerators and other large experimental infrastructures.

Company growth, market needs and the desire to exceed customers' expectations have led the company to certification of our processes with two standards: ISO9001:2015 ("Consulting development and supply of software and hardware") and ISO13485:2003 ("Production of control and information systems for therapeutic and diagnostic medical devices")

Danfoss Trata, d.o.o., Ljubljana

ENGINEERING
TOMORROW



Danfoss Trata, d.o.o., Ljubljana

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Danfoss Trata je vodilni dobavitelj komponent za aplikacije daljinskega ogrevanja in hlajenja ter regulacije ogrevanja in klimatizacije stavb. Smo strokovnjaki za rešitve, ki pripomorejo k optimalni rabi energije in njenemu prenosu pri ogrevanju ter prezračevanju.

Imamo edinstveno kombinacijo znanja na področju toplotnih podpostaj, regulatorjev in prenosnikov toplote, širok prodajni program in izjemne izkušnje na področju uporabe naših izdelkov v različnih aplikacijah. Vse to pa nam omogoča razvijati izdelke, ki postavljajo prihodnje standarde in so usklajeni s proizvodnimi procesi.

Za zaposlene v Danfoss Trati je nenehna želja po izboljševanju izdelkov in izvajanju raziskav za razvoj novih tehnologij postala način življenja. Strast do inovacij je del Danfossovega podjetniškega duha. Velike naložbe, sodelovanje s kupci in dobavitelji ter predani zaposleni postavljajo nove standarde za razvoj izdelkov v Danfossu.

Naši največji izvozni trgi so Rusija, Nemčija, Danska, Poljska ter Anglija. Prisotnost želimo povečati tudi v Aziji (Koreja, Malezija in Singapur), v Evropi pa v Španiji, Franciji ter Italiji.

Danfoss Trata is the leading supplier of components for applications in district heating and cooling, as well as heating and air-conditioning control in buildings. We are experts in solutions that contribute to optimal energy use and its transfer in heating and ventilation.

We have a unique combination of know-how in the field of heating substations, controls and heat exchangers, a wide sales range and exceptional experience with regard to the use of our products in various applications. All the above facts enable the development of products that set the standard for the future, and are coordinated with production processes.

A wish for the improvement of products and conduct of research for the development of new technologies has become a constant for the employees in Danfoss Trata, their way of life. Passion for innovation is a part of Danfoss' entrepreneurial spirit. High investments, cooperation with customers and suppliers along with dedicated employees set new standards for the development of products in Danfoss.

Our largest export markets are Russia, Germany, Denmark, Poland and England. We also want to increase our presence in Asia (Korea, Malaysia and Singapore) and in Europe, Spain, France and Italy.

DOMEL**Domel, d.o.o.****Domel, Elektromotorji in gospodinjski aparati, d.o.o.**

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Domel je globalni razvojni dobavitelj dovršenih rešitev elektromotornih pogonov in komponent, zasnovanih na lastnih inovativnih tehnologijah, kar skupini Domel omogoča rast in trajnostni razvoj. S tem zagotavljamo kakovostna delovna mesta v širšem okolju. Delujemo na področjih čistilne tehnike, prezračevalnih sistemov, industrijskih aplikacij, avtomobilske industrije, medicine in alternativnih energijskih virov. Procesi temeljijo na vrednotah, ki smo jih združili v pet sklopov: ustvarjalnost in ambicioznost, odgovornost in gospodarnost, spoštovanje in sodelovanje, skrb za stranke in zaposlene, pripadnost.

Z inovativnimi in tržno zanimivimi produkti v Domelu omogočamo rast in razvoj podjetja. Visoka tehnološka opremljenost, avtomatizacija in robotizacija se kažejo v poslovnih procesih ter so podlaga za gradnjo konkurenčnosti in odličnosti. Inovacije, ki jih pridobivamo s stalnim motiviranjem zaposlenih, ustvarjajo nove priložnosti na globalnem trgu. Sveže znanje in izkušnje pridobivamo s trajnim sodelovanjem s šolskimi in visokošolskimi ustanovami ter inštituti s ciljem čim hitrejšega prelivanja znanja v izdelke.

PROIZVODI / STORITVE:

- vakumski električni motorji,
- univerzalni kolektorski motorji,
- DC motorji,
- elektronsko komutirani motorji in puhala,
- BLDC motorji,
- krmilja,
- komponente,
- laboratorijska oprema.

***Domel** is a global developmental supplier of advanced solutions for electric motors and components designed on the basis of our own innovative technologies, which allows the growth and sustainable development of the Domel Group. In this way, we provide high-quality employment opportunities for the wider region. We operate in the areas of cleaning techniques, ventilation systems, industrial applications, the car industry, medicine and alternative energy sources. Our processes are based on values that we classify into five groups: creativity and ambition, responsibility and economy, respect and cooperation, customer and employee orientation, and belonging. Domel's innovative and commercially attractive products allow the company to grow and develop. Our business processes employ high levels of technology, automation and robotisation, which form a basis for building competitiveness and excellence. The innovations that we gain through the constant process of employee motivation generate new opportunities on the global market. We gain fresh knowledge and experience through long-term cooperation with educational and training institutions, with the aim of infusing new knowledge into our products as quickly as possible.*

PRODUCTS & SERVICES:

- Vacuum Motors / Air Pumps,
- Universal commutator Motors,
- DC Motors,
- Brushless / Electronically commutated Motors and Blowers,
- BLDC Motors,
- Motor Controllers,
- Components,
- Laboratory Equipment,

Elvez d.o.o.



Elvez d.o.o.
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1294 Višnja Gora
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Podjetje **ELVEZ d.o.o.** (MSP), je proizvajalec specializiranih izdelkov za avtomobilsko industrijo, električno in strojno industrijo ter proizvajalec bele tehnike.

Odličnost njihovih izdelkov in storitev, nenehno izboljševanje in razvoj znanja ter dobri odnosi z vsemi deležniki so izhodišča dobre organizacije in konkurenčnosti. V svoji poslovni zgodovini so rasli, razvijali, ohranjali konkurenčnost, uresničevali svoje strateške cilje, vedno posvečeni poslanstvu in viziji. Njihovi zaposleni se nenehno ukvarjajo z razvojem in implementacijo inovativnih in fleksibilnih rešitev, ki izpolnjujejo izjemno kakovost in najvišje zadovoljstvo kupcev, ki so temelj za dolgoročne odnose.

Osnovna dejavnost podjetja ELVEZ je proizvodnja. Kombinacija treh proizvodnih programov jim omogoča popolno storitev za svoje stranke. Specializirani so za proizvodnjo in izdelavo kabelskih snopov, kabelskih kompletov / dodatkov in ožičenja, različnih napajalnih kablov, kabelskih kompletov s senzorsko tehniko, brizganje tehničnih plastičnih delov, vakuumске metalizacije izdelkov ter montažo (montaža) različnih kompleksnih komponent.

*Company **ELVEZ d.o.o.** (SME), is the manufacturer of specialized products for automotive industry, electrical and mechanical engineering, and white goods manufacturers.*

The excellence of their products and services, continual improvement and development of know-how, as well as good relations with all stakeholders are the baselines. During their corporate history they have grown, developed, maintained competitiveness, implemented their strategic goals, always dedicated to their mission and vision statement. Their employees are constantly engaged in development and implementation of innovative and flexible solutions to meet an outstanding quality and highest customer satisfaction which are the foundations for a long term relationship.

ELVEZ`s core activity is manufacturing. A combination of three manufacturing programs allows them to provide a full service to their customers. They are specialized for the production and manufacturing of cable harnesses, cable sets/accessories and wiring, various power cords, cable sets with sensor-aided technique, injection molding of technical plastic parts, aluminum metallization of technical plastic parts with state-of-the-art physical vapor deposition (PVD) with vertical coating machine, assembly (fitting) of various complexes and links for industry.

PRODUCTS:

Specialized products for the automobile, electronics and machinery industries: pump cable sets, gears, telescoping pipes and housing for car lights.



FLEXIDO d.o.o.

FLEXIDO, fleksibilne robotske celice, d.o.o.

FLEXIDO, flexible robot cells

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www.flexido.eu



FLEXIDO

We make automation easier.

Smo proizvajalec fleksibilnih robotskih celic. Naš cilj je narediti avtomatizacijo bolj učinkovito.

Robotske celice FLEXIDO so nameščene na IMM strojih in CNC strojih. Glavna prednost FLEXIDO je sistem zamenljivih postaj, ki omogoča avtomatizacijo na različnih strojih in za različne dele ter zelo kratek čas, potreben za spreminjanje.

V naših izdelkih uporabljamo komponente znanih dobaviteljev in napredna interaktivna servisna orodja.

FLEXIDO

We make automation easier.

We are manufacturer of flexible robot cells. Our goal is to make automation easier.

FLEXIDO robot cells are installed on IMM Machines and CNC Machines. The main advantage of FLEXIDO is interchangeable station system that enables automation on different machines and for different parts and a very short change time.

In our products we use components of well-known suppliers and advanced interactive service tools.

Fotona d.o.o.

Fotona[®]
choose perfection



FOTONA, proizvodnja optoelektronskih naprav d.o.o.

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Od leta 1964 je **Fotona** usmerjena v razvoj laserskih sistemov, kar jo uvršča med pionirje laserske tehnologije na svetu. Naši laserski sistemi so rezultat lastnega znanja in več kot 45 let izkušenj na področju medicine, industrije, optičnih komunikacij in obrambe. Fotona je v svetu priznana kot vodilna na področju inovacij, razvoja in proizvodnje laserskih sistemov.

Odločanje za popolnost je naša osnovna filozofija delovanja. Z znatnim investiranjem v raziskave in razvoj skušamo kvalitetno in hitro izpolniti potrebe trga po inovativnih in vzdržljivih rešitvah. Z upoštevanjem vseh veljavnih mednarodnih standardov na področju zagotavljanja kakovosti ter strogim testiranjem vseh komponent pa najvišjo kakovost in dolgotrajno zanesljivost naših laserskih sistemov tudi dosegamo.

Veliko pozornost posvečamo tudi izbiri kvalitetnih partnerjev po vsem svetu. Kupcem naših proizvodov namreč želimo zagotoviti najboljšo možno podporo pri učinkoviti in varni uporabi naših izdelkov.

Z izbiro Fotoninih izdelkov izberete popolnost pri vašem delu. Fotona vam ponuja natančnost, učinkovitost in uspeh, ki jih ne morete doseči z drugimi sredstvi.

Ko izberete Fotonin izdelek, izberete **najbolj zmogljiv in zanesljiv laserski sistem na svetu.**

Fotona's decades-long experience in the laser industry began 50 years ago in 1964, producing frontline laser devices for defense, optical communications, industrial, dental and medical applications throughout this time.

Fotona today is a world-leading medical laser company recognized for its innovative, award-winning laser systems for applications in aesthetics & dermatology, dentistry, surgery and gynecology. Based in the US and EU, with corporate headquarters in Dallas, Texas and Ljubljana, Slovenia, Fotona's business philosophy is to continuously choose perfection to meet the needs of a highly demanding marketplace.

The company has one of the most highly educated workforces in the industry, with an exceptionally high number of PhDs specializing in laser and medical technology. Strong R&D capabilities have always been a key competitive advantage of the company, resulting in many patented solutions, including the OPTOflex[®] articulated arm, QSP (Quantum Square Pulse) and VSP (Variable Square Pulse) technologies, SMOOTH mode, Vacuum Cell technology, and many more.

In addition to its direct presence in the US, China and EU, Fotona's global distribution network spans across more than 60 countries, ensuring comprehensive support and service for Fotona laser users, including clinical training, workshops and practical hands-on demonstrations.

The company manufactures and tests all of its laser systems in-house, ensuring that each system is of the highest quality, reliability, ease-of-use and durability, in compliance with all applicable international standards.

The highest performance, best made laser systems in the world.



GOAP d.o.o. Nova Gorica

GOAP d.o.o. Nova Gorica

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CERTIFIKATI / CERTIFICATES:

Z-Wave certifikat / *certificate*
LVD – low voltage directive
EMC – Electromagnetic compatibility
The Radio Equipment Directive
ErP Directive
UL certifikat / *certificate*



Visokotehnoško podjetje **GOAP** iz Solkana je svetovni inovator na področju razvoja naprav za pametni dom. Naš cilj je zagotoviti udobje, varnost in energetska učinkovitost, ki jo prinaša tehnologija pametnih domov v vsak dom. Naši produkti se na svetovnem trgu prodajajo pod blagovno znamko Qubino, ki je prisotna v več kot 65 državah po svetu.

Naprave za avtomatizacijo izdelujemo že od leta 1990. V zadnjih dveh desetletjih smo sodelovali pri avtomatizaciji potniških kabin nekaterih največjih križark na svetu, kot so Princess Cruises, Carnival Cruise in druge. Po uspešnem razvoju in vgradnji sistemov za upravljanje stavb in avtomatizacijo potniških ladij, smo se odločili za razvoj lastnih izdelkov za pametne hiše.

Inovativnost je naše vodilo. Razvili in vpeljali na trg smo sklop rešitev za pametni dom, s katerimi lahko na daljavo upravljate razsvetljavo, senčila, garažna vrata, namakanje in zalivanje, bazene in savne, gospodinjstvene aparate in druge naprave, ogrevanje in ventilacijo, ogrevanje vode in merjenje porabe celotnega gospodinjstva ali posameznih naprav. Nekateri izmed naših produktov so edinstveni v svetu.

PROIZVODI/STORITVE:

Flush 1 Relay, Flush 2 Relays, Flush Dimmer, Flush Shutter, Flush On/Off Thermostat, Flush Heat & Cool Thermostat, Flush PWM Thermostat, Flush 1D Relay, Flush Shutter DC, DIN Dimmer, Smart Meter, Flush Dimmer 0-10V, Smart Plug 16A, Flush RGBW Dimmer, 3-Phase Smart Meter, RGB Night Light, Mini Dimmer

GOAP – world's leading innovator in developing Z-Wave smart home devices. Our mission is to bring comfort, safety and energy efficiency of smart home technology in every home. Our solutions are sold in more 65 countries around the world, under Qubino brand.

GOAP is in automation industry since 1990. In the last two decades we have helped automate some of the biggest cruise ships in the world, for leading cruise lines such as Princess Cruises, Carnival Cruise and others. After a successful development and implementation of building management systems and automating cruise ship cabins, we began developing our own smart homes solutions.

With the passion for innovation we have developed a complete portfolio of Z-Wave wireless Smart Home solutions to remotely control lighting, shading, water heating, central heating and ventilation, irrigation, doors and gates, household appliances and other devices, pool and spa, measure energy consumption of the whole household or a single device. Some of our products are unique worldwide.

PRODUCTS & SERVICES:

Flush 1 Relay, Flush 2 Relays, Flush Dimmer, Flush Shutter, Flush On/Off Thermostat, Flush Heat & Cool Thermostat, Flush PWM Thermostat, Flush 1D Relay, Flush Shutter DC, DIN Dimmer, Smart Meter, Flush Dimmer 0-10V, Smart Plug 16A, Flush RGBW Dimmer, 3-Phase Smart Meter, RGB Night Light, Mini Dimmer



Gorenje Orodjarna, d.o.o.

gorenjegroup
Gorenje Orodjarna, d.o.o.



Gorenje Orodjarna, d.o.o.

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www.gorenje-ordjarna.eu

CERTIFIKATI / CERTIFICATES:

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

IATF 16949:2016 (Stage 1 - in the certification process)

Gorenje Orodjarna, d.o.o., v 100% lasti Skupine Hisense in Gorenje, je vodilno orodjarsko podjetje z več kot 65 letno tradicijo in izkušnji ter zanesljiv razvojni partner evropske avtomobilske industrije in njihovih ključnih dobaviteljev. Podjetje zagotavlja kupcem vse proizvodne procese – od razvoja, konstrukcije, proizvodnje, sestave orodja, testiranja, do končne optimizacije novih orodij pri kupcih. Izdelava orodij za avtomobilsko industrijo predstavlja okoli 70 odstotkov letnih prihodkov podjetja. Človeški kapital podjetja predstavljajo vrhunsko usposobljeni zaposleni.

PROIZVODI / STORITVE:

Glavni izdelki podjetja:

1. PROGRESIVNA IN TRANSFERNA ORODJA
 - Posamezna orodja za ročno prelaganje,
 - transferna orodja in
 - progresivna orodja.
2. BRIZGALNA ORODJA ZA TERMOPLASTIČNE MATERIALE
3. DRUGA ORODJA
 - Kontrolne priprave,
 - orodja za stiropor,
 - orodja za termoformiranje.
4. SERIJSKA PROIZVODNJA KOMONENT
 - Serijska proizvodnja pločevinastih izdelkov za avtomobilsko industrijo.

Gorenje Orodjarna, d.o.o., 100% owned by Hisense and Gorenje Group, is a leading toolmaking company with more than 65 years of tradition, experiences and a reliable development partner for the European Automotive Industry and its key suppliers. Company covers all production processes – from the development, design, production, assembly, testing, to the optimisation of tools at the customer in the final stage.

Production of tools for the automotive industry represents about 70 percent of company revenue. Gorenje Orodjarna`s human capital: Highly skilled and engaged employees.

PRODUCTS & SERVICES:

Gorenje Orodjarna`s product range:

1. PROGRESSIVE AND TRANSFER TOOLS AND DIES:
 - Individual tools for manual transfer,
 - transfer tools and
 - progressive tools.
2. INJECTION MOULDS FOR THERMOPLASTIC MATERIALS
3. OTHER TOOLS:
 - Control instruments,
 - styrofoam packaging tools,
 - thermoforming tools.
4. SERIAL PRODUCTION
 - Serial production of sheet metal parts for automotive industry.