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About us



Founded in 2012 Delta Automation Sp. z o.o. has been a member of the DMA Automation Group since 2015. First office was located in Gliwice. Year after, Delta Automation opened office in Kraków. In 2016 all of locations was removed and concentraed in Katowice.

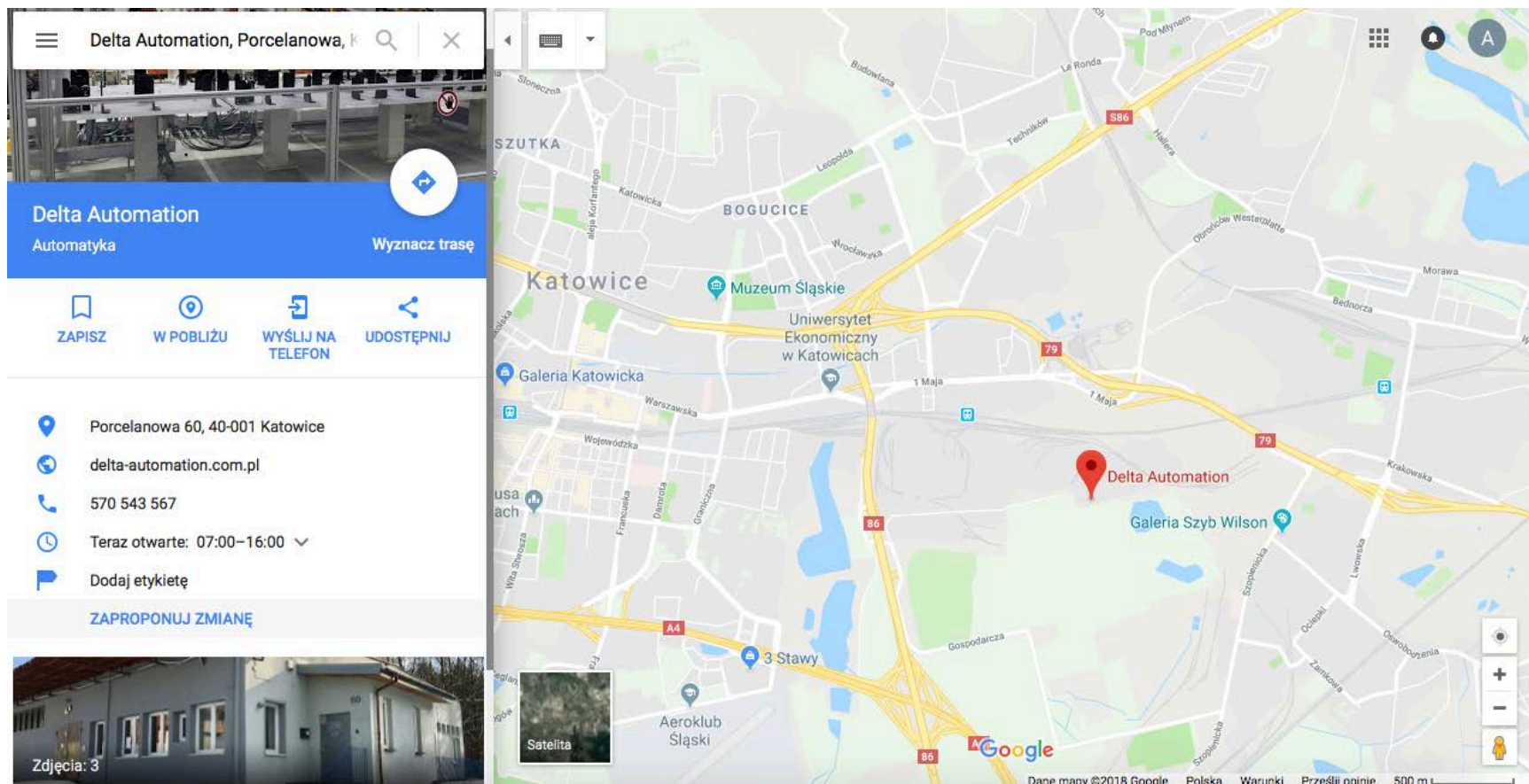
Delta Automation have two workshops. First workshop is used and called as Research and Training Center. There we creating and enveloping new technologies connected with indrustrial robots. Second workshop used is for assembly and manufacturing. In same place are located offices where our engineers designing, planing and writing software.

“ *We are creating solutions* ”



About us

Company office and workshop now are located in Katowice near by KUKA company and not faraway from ABB company. Our location is very good communicated by major roads in Silesia region. We are placed in industry area of Katowice.





About our consortium



„Konsortium der kompetenz“





About our consortium

DMA Automation Group is an organization of three businesses (from the same industry sectors and countries) joining together as a group for a shared purpose: pooling Our human resources to undertake a large project that benefits all members of the group.



“ Consortium of competences. . .
Guarantee of quality ”



Experience of the Group

Robots systems



- ABB
- KUKA
- FANUC
- COMAU
- YASKAWA

PLC systems



- SIEMENS
- ALLEN-BRADLEY
- GE FANUC
- MITSUBISHI
- SCHNEIDER
- HITACHI
- OMRON
- BECKHOFF

HMI systems



- SIEMENS
- ROCKWELL
- ZENON
- GE FANUC
- PROFACE
- RESOTECH

SCADA systems



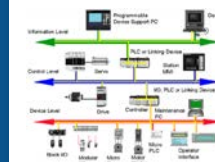
- SIEMENS
- ROCKWELL
- WEINTEK
- WONDERWARE
- DÜRR ECO SCREEN
- IFIX
- ASIX

Electrical systems



- EPLAN P8 v1.9
- EPLAN P8 v2.0
- EPLAN P8 v2.1
- EPLAN P8 v2.2
- EPLAN P8 v2.3
- EPLAN P8 v2.4

NET systems



- PROFINET
- PROFIBUS
- DEVICENET
- MODBUS
- INTERBUS
- MULTIBUS



Experience of the Group

Engineering



- DESIGNING
- PROGRAMMING
- COMMISSIONING
- 3D SCANNING
- 3D PRINTING
- MANUFACTURING

Testing



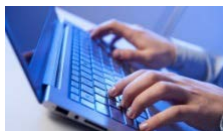
- TESTING FUNCTIONALITY
IN OUR LABORATORIES
- VIRTUAL COMMISSIONING
- PRE-COMMISSIONING

Electrical instalations



- CONTROL CABINETS
ASSEMBLING
- ELECTRICAL INSTALLATIONS
ON SITE

Software examples



- PROCESS SIMULATE
- ROBOT STUDIO
- ROBO GUIDE
- STEP7
- TIA PORTAL
- RS LOGIX
- EPLAN P8
- AUTO-CAD
- INVENTOR

Other activities



- PROJECTS PLANNING
- PROJECTS MANAGEMENT
- HANDOVER TO CUSTOMERS
- TRAININGS FOR CUSTOMERS

People



- LONG EXPERIENCE IN
AUTOMATION MARKET
- FRIENDLY ATMOSPHERE
IN THE GROUP
- SMART AND BEST SELECTED
STUDENTS



What Delta Automation doing ?



Offline simulation of processes : (Process Simulate, RobotStudio, RobCad)



Automation of production processes



Programming of PLC controllers (Siemens and Allen-Bradley)



Programming of industrial robots : ABB, Kuka, Fanuc, Comau, Yaskawa



Creating own technologies / packages for industrial robots



Cycle time optimization



Increase production efficiency and production support (OEE analysis)



3D Printing and 3D Scanning



Trainings from robots programming, PLC programming.

Designing and manufacturing modular robot cells.



Exemplified references

Volvo



- Integration 32 KUKA robots at Volvo Gothenburg in 2012 with KUKA company.
- Integration of glazing cell for all of cars manufactured at Volvo Torslanda. Project with FFT.
- Integration of XC90 with Comau company. Respot, marriage, roof station, laser station.
- Integration S90, V90 on above lines.
- Integration XC60, PHEV at Torslanda with TMS company. Part of project : underbody.
- Integration XC40, PHEV with Comau company at Belgium Gent



Daimler



- Integration of BR205 W067 at Bremen in 2012 with EBZ company.
- Integration of flexzelle for Mercedes AMG and Royce Rolls in FFT Fulda.
- Integration of new Sprinter at Ludwigsfelde in 2017/2018 with FFT company. Integration KUKA and ABB robots.
- Integration of new Sprinter at Dusseldorf in 2017/2018 with FFT company. Integration KUKA robots.



Volkswagen Group



- Audi Ingolstadt – PVC application in 2014
- Skoda Rapid integration with Siemens company on Fanuc robots in Mlada Boleslav.
- Porsche Panamera in Leipzig in 2015 with FFT company.
- VW Wrzesnia, new Crafter 2017 with FFT company. Responsibility : body sides, underbody.
- Porsche 922 for TMS company. New VASS standard for ABB robots.



Rest of references





Our products : TCPSearcher



The company's offer includes, among others, a device called TCPSearcher, which has the following advantages:

- 1 Increases the precision of technological processes,
- 2 Maintenance-free calibration of the robots tools,
- 3 The ability to scan various types of tools: MIG / MAG torch, adhesive nozzle, spot welding guns, welding, Tucker heads, etc.
- 4 Low cost of the device compared to the benefits gained.

Tool is available for



KUKA

ABB

and can be adapted for any kind of industrial robots.





Our products : Vision system



Another available product is the industrial robot application connected to the Evatronix 3D scanner. This scanner is used for:

- 1 Scanning objects and creating CAD files.
- 2 Navigating a robot by reading the position of the element being processed.
- 3 Quality measurements.
- 4 Inspection of products : presence of parts, presence applied technology by robots (glue seams, weld seams), etc.

The scanner is available for all brands of industrial robots. The company offers also many other interesting solutions.





Our purposes



Delta Automation Sp. z o.o. basing on own experiences, experiences of our engineers and additionally supported by DMA Automation Group wants to reach high position on the market providing following services :



Complex services

Through strength of the Group we want provide complex and best services in the field of automation scope.



Technology development

Strong development by software creation, design and manufacturing new equipment for robotizing. We connecting new technologies with industrial robots.



Training center

Provide best trainings in the scope of robots programming and PLC programming.



Consulting

Increasing production volume by cycle time optimization and by process automation. Quality improvement and defects reduction.



The end

Thank You for Your
attention.

