



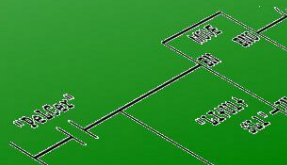
Industrial Automation

**Strong and Quality in services & products
for
Industrial processes/production and Logistics**



Who we are

- Industrial Automation services
- Automation-projects for process/production industry and logistics
- Succesfull in engineering services/products (electronics & software)
- Situated in Subotica, north of Serbia
- Founded in 2007 (Start up program Incubator Subotica)
- From the begining succesfull development of the company
- Team of qualified, enthusiastic, motivated techical professionals
- Flexibel and personal approach
- High quality standards



Services & Products



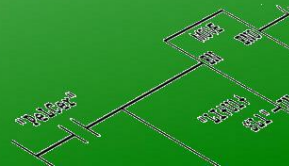
Departments:

Engineering - Services

- Outline of the services
 - Projects (fixed of time/material)
 - Secondment

Products

- Electronic systems and components
- Standard software



Market-segments



Specialized knowledge in domain of Processes.
Many, good actual project-ref.

- Food & Beverage
- Packing (Converting industry)
- Paper

Working on projects:

- Feed (Animal food)
- (Green) Energy
- Water (waste and drink)

General:

- Batch industries/processes
- Logistics (internal and external)

Electronic systems/components & standard software:

- Marketsegments as Engineering
- Focus on Engineering-companies



Engineering-Services

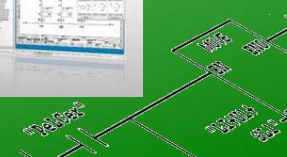
- **Systems Design**
- **Design/selection and delivery of electronic components**
- **Software development**
 - PLC
 - HMI (Human interfaces), SCADA
 - Production information (Vbasic, C++, C#, Java, database)
 - Interfaces (ERP-systems) (OPC) (MES)
- **Design and production of panels**
- **Wiring and installation**
- **Testing (Services)**
- **Commissioning**
- **Maintenance (seperate of realisation-project)**
 - Corrective, Preventive, Small system-additions/changes



Products



- **Electronic systems/components**
 - Frequency controllers
 - Softstarters
 - Sensors
 - Other kind of equipment
- **Standard software**
 - **SEE Electrical Caddy**
Powerfull and easy to use Engineeringtool for design/drawing of electrical schemes
- **Additional Services**
 - Education/Training/Workshops also "training on the job"
 - Delivery/transportation on location (urgent needs)
 - Maintenance of spare-parts



 <p>Coca Cola Hellenic - Zemun Upravljački sistem transportnim trakama. 10 x Siemens MicroMaster 440 7 x VLT® 2800 3 x VLT® Automation Drive FC 300 Siemens S7 300</p>	 <p>Simpo – Radovnica, Vranje Izrada i montaža upravljačkog sistema sa PLC om, za filtersko postrojenje za otprašivanje piljevine, silos za piljevinu i silos za lak prašinu.</p>	 <p>Fresh&Co - Subotica Izrada upravljačkih sistema koji obuhvata upravljanje pumpama, ventilima, mikserima, merenje protoka, merenje nivoa i komunikaciju i usklađivanje rada sa drugim postrojenjima.</p>
 <p>Tarkett - Bačka Palanka Izrada i montaža upravljačkog sistema za filtersko postrojenje za otprašivanje piljevine. Deo energetike realizovan je Fairford Electronics softstarterima serije XFE ukupne snage 230 kW. PLC – Siemens S7 200</p>	 <p>Fresh&Co - Subotica Pustili smo u rad paletni transporter sa okretnicom. Izradili smo projekat upravljanja, izradili elektro orman, montirali opremu i instalaciju, napisali PLC program i pustili liniju u rad.</p>	 <p>AI Pack doo - Subotica Servo pozicioniranje sa integracijom upravljanja u postojeći PLC program i HMI aplikaciju. Siemens S7 400 PLC i PC sa ProToolPro HMI aplikacijom.</p>
 <p>Chemical Agrosava - Šimanovci Izrada upravljačkog ormara i puštanje u rad frekventno regulisanog pogona od 160kW. Za pogon ventilator korišten je najsnažniji regulator iz familije Invertex Optidrive Plus 3GV.</p>	 <p>Fresh&Co – Subotica Izrada upravljačkog sistema pogona akumulacionog stola sistema transportnih traka.</p>	 <p>Klas - Platičevo Automatizacija silosa za žito Pogon je realizovan sa 11 softstera Fairford Electronics. Upravljanje je prepušteno Hornerovom LX touch panelu sa integrisanom PLC funkcionalnošću, a 96 distribuiranih ulaza i 32 distribuirana izlaza povezana su CsCAN komunikacijom.</p>
 <p>JT Internacional - Senta Postrojenje za obradu duvanskog lista. Izazov je bio konstruisati sistem koji je ograničen na 160 digitalnih ulaza i izlaza, a pri tome upravlja sa 34 motora, 76 tastera, 34 motorne zaštite i velikim brojem induktivnih i optičkih senzora.</p>	 <p>AD Žitoprerađa - Bečej Kroz zadatak realizovana rekonstrukcija postojećeg upravljanja, izrađena elektro šema koja nije postojala i nadograđen sistem doziranja brašna, rešenje zasnovano na PLC upravljanju.</p>	 <p>Fontana Soft Drinks – Egipat Puštanje u rad linije za punjenje gaziranih i mirnih napitaka podrazumevalo je PLC programiranje, elektro monterse i instalaterske radove.</p>

Company and Contact-information



Company-information

- Registration number : 20237961
- Vat number: 104792264
- Registration number: 363708633
- Account : 310-1740220-13

Contact-information

- Address : PeLCer d.o.o.
Braće Ribnikar 11
24000 Subotica (Serbia)
- Telephone: +381 24/541936
- Email: info@pelcer.info
- Web : www.pelcer.info



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Industrial Automation

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