Excellence in Digital Transformation Services

... at your hand
Executive summary

- Leading Dassault Systemes Platinum partner in Adriatic region
  - Proven track record in 3D Design, 3DEXPERIENCE implementation, Simulation
  - > 60 engineers experienced accross industries (automotive, industrial equipment, marine, consumer goods, power)
  - Serving leading suppliers of BMW, Mercedes, Audi, Salona & Bavaria Yachts, Rimac etc.
- Strong IT support:
  - System integration: ERP, MES, ECAD-MCAD
  - Experienced in programming custom solutions using CA interface for CATIA/3DEXPERIENCE
- Offers services ON & OFF SITE
- Time critical problem solving
Digital transformation partner you trust!

- Group present in Adriatic region
- > 60 professionals & engineers
- 3D design, R&D, consultancy, implementation & education
- Dassault Systemes Platinum Partner
- 30 years
- > 300 satisfied users
Turning your ideas into reality

3D design & methodology

Digital manufacturing

Engineering services

Software development
Experts at your service

- Digital Transformation services
  - PLM services
  - Production planning and scheduling
  - Process automation integration
  - IoT consulting
- Education
- System integration
  - ERP, PLM, MES, ECAD-MCAD
- Engineering services

- 30+ Experts
- 50+ Projects
- 6+ Countries
- 30+ Customers
- On-site
- Off-site
3DEXPERIENCE PLM services

- Assessment & Scoping
- Implementation
- Integration
- Customization
- Data Migration

Team
- Business Consultants
- Project Managers
- Solution Architects
- Software Consultants
- Infrastructure Architects

- 12+ consultants
- 10+ Projects
- 4+ Countries
- 8+ Customers
Engineering Services Capabilities

2D Drawings
- Drawing Creation
- BOM’s
- Work instructions

3D Design
- Design according to specification
- Parametric associated design

Advanced 3D
- Design Mechanism
- Styling
- Composite Design

Consulting Services
- Process Optimization
- Methodology

Analysis Simulation
- Finite Element Analysis
- Kinematics Analysis
Engineering services

- Product development
  - Design, modelling & drafting
- CAD Automation
  - Methodology development
  - CATIA customization
- CAE Services
  - Structural analysis
  - Thermal analysis
  - Non-linear analysis
  - Flow Simulations
- CAM Post Processor programing

10+ Product development engineers
3+ CAD Automation
2+ CAE Services
2+ CAM Programers
Education

- Basic and Advanced Trainings
- Custom modules or methodology workshops
- CAD
  - CATIA V5
  - 3DX
- CAE solutions
  - SIMULIA
  - Altair
  - Mentor Graphics FloEFD
- PLM/3DEXPERIENCE
  - Process improvement
  - Workforce alignment

10+ Certified trainers
300+ Trainings
4+ Countries
100+ Customers
CADCAM Group Engineering Services projects

- Automotive
- Shipbuilding
- Energy equipment & systems
- Consumer Goods
- Methodology Optimization & Automation
- Special Vehicles (agriculture, military, utility)
- ...
Automotive

- Complete 3DEXPERIENCE implementation
- Education
- Methodology development & implementation
- Engineering
  - Vehicle Engineering (Body, Chasis, Powertrain, Battery, Electrical)
  - Mold Design, Composite Design, Production, Assembly
- Support
Projects at Hella

• Light Systems design for leading OEM’s
• Consulting, Design Methodology, Simulation, Education…
Projects at AD Plastik

- Full PLM project implementation
- Automotive Components
- Engineering & FEA (Thermal, Nonlinear and Vibration analysis)
- Reverse Engineering
- Plastic Packaging for Food Industry
Projects at CIMOS

- **Full PLM deployment & engineering**
- **Services – Tier 1**

- Automotive Systems and Components
- Engineering, Kinematics
- FEA (Linear and Nonlinear, Crash, Pedestrian Safety)
- Pedal Boxes, Alternator Brackets, Auxiliary Brakes…
Automotive Components

- Unior, Kovinoplastika, Unitech Lth,
- GKN Driveline, IMAS

- Tooling for Automotive Plastics
- Engineering & FEA (Linear and Nonlinear analysis)
- FEA Evaluation Reports
Projects at Elan Ski

- Design of new ski models
- Mold Design
Projects at Alstom Croatia Ltd.

- Design of gas and steam turbines components
- CAD engineering in Karlovac and Baden, CH
Wind Power

- Composites design & engineering
- Canopy (housing) for generator ($\varnothing 9 \times 20 \, \text{m}$)
- Unfolded shapes and contours for cutting machine (2000 pcs)
- Approx. 3500 m² fiberglass per canopy
TPS Labin Progres

- Tractors CAD: In-depth project execution & validation
- Styling and Engineering of Plastic Chassis
- Reverse Engineering of Components
Projects in Electric Vehicles

- Trains and Trams
- Styling, Design of Exterior, Interior & Components
- FEA of chassis
Shipbuilding

- Styling and Interior Design
- Structure and Systems
- Engineering, Mold Design, Production
- Boat of the Year (won by OEM)
Energy systems at Danfoss

- Product optimization in prototyping
- Heating systems and regulation engineering
- Pressure drop and fluid velocity simulation
More than 300 satisfied customers...
Thank you!

www.cadcam-group.eu
info@cadcam-group.eu