CENIT
Successful with 3DS-PLM

Alin POPESCU, Sales Manager

Machining User Day
01.04.2014 Bucuresti
03.04.2014 Arad
CENIT in a Nutshell

~ 700 committed employees

Established and steadily growing public company

Broad and comprehensive product portfolio

Strong partnerships

14 national and international locations
What we stand for

Financial Strength
- Financial independence
- Sustainable increase in shareholder value through steady sales growth
- Shareholders participate in the annual success of our enterprise

Customer Orientation
- Customer oriented teams
- Development of individual solutions
- Reliable and long term partnerships

Motivated Staff
- Skilled, well trained employees
- High level of commitment
- Entrepreneurial thinking

Trusted Partner
- Excellent process and technology knowledge
- Optimization of core business processes
- High innovative power
- Long term partnerships
Our 3DS-PLM Mission

As a leading, multi-national value-added reseller, CENIT AG has the world's broadest Dassault Systèmes PLM solutions portfolio. **Our experts combine decades of experience in 3DS standard solutions with industry-specific process and technology expertise.** We have the “know how” to help you succeed!

CENIT's industry and business process experts for the manufacturing, automotive, industrial equipment, aerospace and consumer goods industries support you to optimize your current product development processes.
3DS-PLM Skills

- **Product Development Experts**
- **Product Lifecycle Management Experts**
- **Assembly & Production Experts**

- Process Analysis & Consulting
- Workflow Analysis
- Project Management
- Simulation
- Training
- Implementation
- Software Development
- User Help Desk
- System Installation
# Industry Portfolio Roadmap

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The Dassault Systèmes Brands

CATIA
Digital Product Experience

ENOVIA
Collaborative Innovation

SIMULIA
Realistic Simulation

DELMIA
Digital Manufacturing

3DVIA
3D Communication

EXALEAD
Information Intelligence
One stop shopping with CENIT
ACT Aerospace (US)

ACT Aerospace engineers use the CATIA Advanced Machining module to create computerized numeric control (CNC) toolpaths for producing lay up tools on 5-axis CNC machines. “When we got our new 5-axis machines, we were concerned that we would have to pull the programming back to the engineering department. But CATIA Advanced Machining is so intuitive that operators were soon using it to generate programs for the new machines.” said J. Mickelsen, Lead CATIA Designer

List Components (Austria)

“The CATIA V5 NC module covers the entire machining sequence from roughing to finishing. Through the integrated simulation of material removal and the visualization of remaining material, process safety increases and machining costs are reduced.”
Kaji Metal Industries (Japan)

"When expert NC programmers use CATIA V5, more ingenuity can drive more capability from the machining equipment." - Ryuichi Ogawa, Executive Director in charge of production technology

Bombardier Aerospace (Canada)

NC Programming time and costs have been reduced by 30%

Engineers need to be able to re-use parts and assemblies from other aircraft programs to jump-start projects, reducing cycle times and cost. Downstream processes such as manufacturing and after-sales require access to detailed design information so they can quickly analyze the impact of design changes on shop floor automation and design.
Evernham Motorsports (US)

“With CATIA V5, it’s one click to move from design to analysis and then another click to move to NC programming. That’s invaluable because each one of our engineers performs all three tasks, and they only have to learn one user interface. A lot of packages are really good at only one or two. CATIA V5 is great at all three. It has cut at least 50 percent off our development times”, said Steve Oliver, Deputy Director of Design Services

TH-Tools (Finland)

More than 20 Years of experience in tool Manufacturing

“TH-Tools uses CATIA’s Multi-axis Surface Machining to define the NC program that is then post processed using tailor-made post processors from CENIT for its Heidenhain and Fanuc CNC-controls. “We chose to take advantage of CENIT’s postprocessor experience and strong integration between these postprocessors and CATIA NC code rather than create the postprocessors ourselves”, said K.Söderling, leader of the Design Department

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JSC ‘Tyazhmash (Russia)

In order to improve processing quality, JSC ‘Tyazhmash’ purchased 5X high-speed milling machines and digital equipment controlled by CATIA. All parts manufactured by this equipment require no additional finishing. Furthermore, current equipment is being upgraded, thereby significantly improving the quality of the final product. The company was able to undertake complicated projects under extremely tight deadlines and thus increase the number of contracts signed with customers.

A-dec (US)

Fully automated manufacturing code generation

“In the past, every job on the floor required some intervention by our NC programmers, this has been eliminated by building the NC output into the models parametrically”, said W. Snyder, Furniture Engineering Manager.
Guy Degrenne (France)

« Today, CATIA manages the entire design-to-manufacturing process for cutlery, from initial studies all the way to the machining of stamping matrices for our most delicate pieces or the forging of thicker pieces or knife blades», said C.Van Boxsom, Director Cutlery Division.

ISCAR Hartmetall GmbH (Germany)

The CATIA V5 NC module covers the entire machining process from roughing to finishing. “With the CATIA V5 NC module and 5-axis simultaneous postprocessor, 40% of programming time can be saved compared to manual programming”, said Kurt Brenner, Head of Technology & Manufacturing.
Customer Statements

„CENIT has a large and versatile PLM team and makes it available for us to quickly solve many different ENOVIA V6 related challenges.“
Jürgen Staab, Engineering Administration, Takata AG

„Overall a large gain in security and traceability—without V6 we wouldn’t have been able to manage the multitude of variants for the ISH 2013.“
H. Hecker, Leiter Konstruktion, HANSA Metallwerke

„CENIT’s consultants were always available for us every step of the way. The training and support services allowed us to quickly migrate from V5 to V6.“
Octavian Stancu, Head of Product Design, Trafo Proiect

„The experts of the PLM consulting firm were our trusted partners and advisors. Emphasis was always put on the flexible, global use of the V6 technology.“
Bernd Göllnitz, Director IT Technology & Operations, Webasto AG

„We have been working with CENIT for many years and are highly satisfied with their services. Our relationship has developed into that of friends."
Daniel Reutimann, Digital Design and Development, Mecaplex
Thank You!

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