OUR MOTTO IS: WE MAKE IT WORK FOR YOU

Information technology (IT) is just a tool, which can help with the making of adequate business decisions and their practical implementation. We select these tools and make them work for you, finding the best ways to do it in light of your goals.

MISSION

To meet and exceed clients’ expectations by significantly improving their activity through the implementation of leading information technologies. Customer satisfaction is a key measure of success in our business model. We are totally committed to the successful completion of each project and to ensuring that the client is able to fully benefit from the implemented solution. Depending on the specific task, our aim in building solutions is to find a healthy balance between proven technologies and cutting-edge developments that bring maximum benefits and protect the investment made in the long term.

FOCUS ON INNOVATION AND THE INNOVATIVE SPIRIT

TechnoLogica is a technological company. Our business is to be the technological partner to prestigious companies and organizations and help them to implement and to take advantage of new information technologies in their developments and projects. In order to stay competitive as the provider of technology transfer services, TechnoLogica follows a target-oriented policy of innovation by anticipatory implementation, adaptation and further development of new information technologies and building of technological software tools.

TechnoLogica is an intellectual capital company, which actively participates in the development of the knowledge-based economy. An acknowledgement of TechnoLogica’s achievements in this area are the awards received in 2008 first prizes in the „Investor in Knowledge” category awarded by the Bulgarian Business Leaders Forum and in the „Knowledge Management” category in the annual HR awards of the Bulgarian Association of People Management.

TechnoLogica has been used as an example of an innovative company in a number of academic textbooks and other books by Bulgarian scientists and scholars, such as „Strategic Management in Small and Medium Enterprises” by Assoc. Prof. Kiril Todorov published as early as 1996, in which the chapter „Innovative Companies” is dedicated entirely to TechnoLogica; “Innovation – Policy and Practice” by Prof. Marin Petrov (2004); „Innovation Policy and International Business” by Prof. Marin Petrov and Assoc. Prof. Milanka Slavova (2006) and “Strategic Management” by Teodora Georgieva (2013).
**COMPOSITE SOLUTIONS**

Before developing a specific solution, we analyze the existing business processes and suggest measures for their improvement in line with the clients' goals and priorities. After researching the work model, our experts build software solutions for each functional area, applying the extremely rich portfolio of state-of-the-art products, technologies and architectures, which we constantly invest in, ensuring that they work as one complete solution.

When developing information systems, we identify and integrate all adequate for the purpose modules and systems, which are currently being used by the clients and meet their requirements. This approach ensures maximum protection for previous investments.

TechnoLogica’s great advantage in the implementation of software systems is its in-house team of programmers and consultants who can modify existing solutions or develop completely new ones in order to ensure a perfect fit with the clients’ established specific business processes.

**IMPLEMENTATION OF LEADING TECHNOLOGIES AND PRODUCTS**

To ensure the optimum choices for a proposed solution TechnoLogica is constantly developing an extensive portfolio of various types and classes of products from leading vendors. We do anticipatory investment in the careful selection and approbation of products and the development of the required set of services to ensure their successful implementation and operation. These investments include localization, building of expertise, development of integration modules, and development of training and methodological tools.

We offer a great variety of products for the automation both of routine activities within the organization and some specific solutions for companies from the sectors of finance, the utilities, manufacturing, healthcare, defense and security, etc.

The systems built by TechnoLogica are based mostly on technologies by the two largest software corporations in the world – Oracle and Microsoft. We have partnership levels with them, namely “Oracle Gold Partner” and “Microsoft Gold Certified Partner”, which guarantees our thorough knowledge of their solutions and proven practical experience.

As acknowledgement for the innovations for numerous manufacturing companies implemented through state-of-the-art technologies, products, methodologies and know-how, the President of the Republic of Bulgaria awarded DiTra, the TechnoLogica CAD/CAM center, the prize in the “Process Innovation/Innovation Hub” category of the National Contest Innovative Enterprise of the Year 2012.
COMPLETE SUPPLIER

The choice of TechnoLogica as complete supplier eliminates the risk of incompatibility between systems from several different vendors. The benefits are even greater in the process of maintenance and synchronization of applications during the upgrade to newer versions.

FOCUS ON THE OPTIMUM SOLUTION

With each project we research and recommend to the client the optimum combination of software, hardware and services in order to minimize the budget, while achieving the expected performance and stability of the IT systems. To achieve this we draw on our experience gained in numerous successfully completed projects and on the acquired good practices in the modeling and analysis of business processes and project management.

EFFECTIVENESS AND EFFICIENCY

We have experienced specialists and software tools for project management and identification of potential risks in project implementation. This allows us to efficiently manage the process of implementation of IT solutions by developing adequate scenarios for successful project implementation within the specified scope, time frame and budget.

Thanks to their abilities and knowledge our experts recognized the market demand and developed proprietary software tools, which provide extremely competitive conditions for implementation and save the clients' time and resources.

We have the experience, knowledge and tools to ensure accelerated application deployment and commissioning, using implementation accelerators, pre-defined business models and processes, and rapid software development methods.

COMMITMENT TO OUR WORK

Our measure for a successfully completed project is a fully functioning system at the client end and all our activities are totally dedicated to achieving this goal.

TechnoLogica has built an image as a reliable and high-quality company successfully implementing important projects even under the conditions in Bulgaria. We are proactive, open, transparent and fair to our clients. For us in TechnoLogica it is more important to gain a return client rather than make a onetime deal, because we value our reputation higher than financial profit.
THE COMPANY

TechnoLogica is one of the largest Bulgarian software companies, but our goal is to be the most reliable, not the largest. The company has been active on the Bulgarian market since 1990. Today TechnoLogica has offices in Sofia, Plovdiv, Varna, Skopje (Macedonia) and Sarajevo (Bosnia and Herzegovina).

TechnoLogica is a member of:

» The American Chamber of Commerce (AmCham)
» The Bulgarian Business Leaders Forum (BBLF)
» The Confederation of Employers and Industrialists in Bulgaria (CEIBG)
» The Bulgarian Chamber of Commerce and Industry (BCCI)
» The Bulgarian Industrial Association (BIA)
» The Bulgarian Association of Information Technologies (BAIT)
» The Bulgarian Association of People Management
» The British – Bulgarian Chamber of Commerce
» The United Nations Global Compact and The National Network of the UN Global Compact

TechnoLogica Head Office

TechnoLogica was ranked 26th in the Deloitte Technology Fast 50 fastest growing Central European technology companies rankings in 2008.

TechnoLogica is partner with the world’s two largest software companies and has partnership levels:

» Oracle Platinum Partner
» Microsoft Gold Certified Partner

THE TEAM

TechnoLogica has over 185 full-time employees, highly qualified specialists with extensive professional experience in the development of systems and projects of national and international scope and importance.

The company employs specialists with PhDs, master’s degrees and engineering diplomas (with a master’s being the standard) in informatics, computer systems and mathematics, as well as specialists in the fields of economics, finance, marketing and production management. TechnoLogica has employed in the past and is currently employing non-Bulgarian managers with extensive experience in international corporations.

Some of TechnoLogica’s experts were among the first in the CEE region to develop and operate a relational database management system (RDBMS), 3D CAD systems and business management systems. TechnoLogica employs Oracle, Microsoft, SolidWorks, Cisco, and IIBA® certified professionals and PMP® credential holders.

To us knowledge is a key value. Given the dynamically changing information technologies there is need for special attention and resources devoted to update and introductory training. That is why, as early as 1995 we created the first in Bulgaria certified education center for IT professionals. The access to training materials on new technologies, the availability of certified trainers, the large number of offered courses provide the opportunity for continuous employee training. We encourage young people in the company to develop and prove themselves as professionals, including by paying for their training and certification from leading IT corporations. For the benefit of our employees we have designed and maintain a relevant creative environment encouraging their performance as professionals and innovators.

PMP is a registered mark of the Project Management Institute, Inc.
SOCIALLY RESPONSIBLE BUSINESS

Our ambition is not only to be a prosperous innovative company, but to instill values, uphold the Bulgarian national identity and build a model for socially responsible business. This is an inner need shared by both management and employees, because it motivates our customers. We strive to be a model, to inspire the companies in our industry, our competitors, to prove that socially responsible activities should be a part of the successful business.

To claim corporate social responsibility, it is not sufficient for the company to be a good citizen of society and to carry out independent, occasional charity campaigns, with a portion of the profits as a license to operate. Isolated initiatives cannot achieve sustainable development.

As any organized and well managed company, we at TechnoLogica prefer to plan our activities and make effective use of our resources. This applies to our socially responsible business as well. That is why we strive to implement comprehensive projects and programs, which we choose according to the following criteria:

» visibility and significance (effectiveness)
» multiplier effect (effectiveness)
» sustainability and development
» contribution to the building of national self-esteem and motivation for realization in Bulgaria

We support various projects not only with funds, but also with our work, for instance we helped several organizations to make their first steps on the Internet, including the Atlantic Club of Bulgaria, the Ministry of Foreign Affairs, the Bulgarian Business Leaders Forum, and the Friends of Chicago Foundation.
TechnoLogica supports and consistently implements the idea of close cooperation between the business and academia, conscious of the need for businesses to make a clear contribution to the quality of education and the professional realization of Bulgarian youth. We have long traditions of cooperation with universities and we have made donations to almost all of them with the ambition of being a catalyst for sustainable cooperation between the business and education.

Among the TechnoLogica's initiatives may be noted:

» Summer student internships with traditions dating back to 1993; in recent years the number of interns is reaching 10% of the total number of employees in the company.

» We initiate competitions on different topics and provide the prize fund.

» We organize pro bono seminars for students and university lecturers on the latest information technologies; we share knowledge and experience by participating in conferences and seminars.

» We help creating a modern learning environment, e.g. we donated 10% of the BGN 100,000 needed to build an elevator for students with disabilities of the Faculty of Mathematics and Informatics (FMI) of Sofia University.

» We fund and publish the textbooks for the Information Systems course of the FMI.

» Our employees teach in higher education institutions.

"Engineering Education – Solid and Working"

The "Engineering Education – Solid and Working" program started at the end of 2003 as a model for the convergence of business and education. It aims to improve the quality of the engineering education, to make it more attractive to both students and employers and to stimulate joint practical projects between universities and companies. The program includes: donations of software (SolidWorks и Delcam) with a commercial value of over 3 million euro so far, which is annually updated and supported, teachers training, master classes, lectures by guest speakers from the business, academic and student competitions with prizes provided by TechnoLogica, student internships, meetings of graduating students with industrial companies. Today, thanks to the program, in 11 academic institutions (universities and their branches in other cities) there is training in the automation of engineering (CAD, CAM, FEM) using syllabi and course materials, as they are at the Massachusetts Institute of Technology.
SOFTWARE DEVELOPMENT

TechnoLogica’s software development team is one of the largest and most experienced in Bulgaria. The solutions are based on globally established standards: products and technologies by Oracle and Microsoft, CASE tools, Java, .NET, OLAP, WEB, SOA, BPEL, XML, UML. We have been gathering experience with information systems of nationwide scale and importance since 1994 with six to eight information systems of corporate and national scale completed annually.

TechnoLogica’s commitment to innovation, its experience with high technologies and dedication to project success ensure its position as a preferred partner for software development. This finds proof in the award of multiple successive projects by satisfied customers (Bulgarian National Bank, UniCredit Bulbank, Allianz, ING, National Health Insurance Fund, Ministry of Defense, State Fund “Agriculture” among many others). Some of the information systems developed by TechnoLogica are related to NATO or EU requirements to Bulgaria and have passed the respective certification. Many of the projects have been funded by the European Union, the World Bank or the U.S. Government.

The company teams have many years of experience in the development of comprehensive information systems, including:

» **Electronic registers:**
  - Central Credit Register for the Bulgarian National Bank;
  - Special Pledges Registry for the Ministry of Justice;
  - National Health Insurance Registers for the National Health Insurance Fund;
  - Register of Births, Ministry of Health;
  - Register of Aircraft and Aviation Personnel for the Civil Aviation Administration.

» **OLTP systems:**
  - Integrated Administration and Control System for the Paying Agency of the State Fund Agriculture;
  - Implementation of the River Information System on the Bulgarian Part of the Danube (BULRIS), Bulgarian Ports Infrastructure Company;
  - National codification instrument for the Ministry of Defense;
  - System for Reporting and Control of the Currency Flow for the BNB;
  - Information system of the ING Pension Insurance Company;
  - National SafeSeaNet system for the Executive Agency “Maritime administration”;
  - Military Standards Information System for the Ministry of Defense;
  - Testing information system for the Executive Agency “Maritime administration”, Directorate General “Civil Aviation Administration”.

“The Bulgarian Integrated Administration and Control System (IACS) is unique in its comprehensive and complete integration between textual and GIS information. All checks have shown that the system meets all requirements for security and reliability of the data, while the implemented functionality and controls enable the efficient and transparent administration of the subsidies for agriculture.”

Els de Roeck
Directorate-General for Agriculture and Rural Development
European Commission
» **E-services:**
- “Development of the administrative services by electronic means”, Lot № 2 “Implementation of 50 priority services for the central administration”, Ministry of Transport, Information Technology and Communications;
- “Better services through electronic governance in the North west, North-central and Northeast planning regions” for the Regional Administration Pleven;
- E-services and e-governance platform for the municipal administrations in Borino and Dospat;
- “Licenses and Registers” information system for the Communications Regulation Commission.

» **Data Warehousing and Business Intelligence (BI):**
- Data Warehouse for the UniCredit Bulbank;
- Data Warehouse and Reporting System for CIBANK;
- Data Warehouse for DSK Bank;
- Reengineering of a BI & DW information system, VIVACOM;
- Client Information System for the Allianz Bulgaria Holding;
- Monetary Statistics Information System for the Bulgarian National Bank;
- Business Management System for the National Health Insurance Fund.

» **Geographic information systems:**
- Improvement of the capacity of the public administration in Ruse - Giurgiu Euroregion for better joint risk management, prevention and environmental protection for the Ruse Municipality;
- Geographical information system software for the needs of OP Regional Development for the 2014-2020 programming period for the Ministry of Regional Development and Public Works;
- Geographic information system for the management of port in frastructure for the Bulgarian Ports Infrastructure Company.

**TechnoLogica offers its proprietary of-the-shelf commercial products:**
- TL IdMS - solution for digital identity life cycle management in the organizations
- DiMaS - inventories and fixed assets management system
- TIMS – TechnoLogica Internet Map Server
- HeRMeS® - integrated human resources management system

**as well as its proprietary tools:**
- TL Designer – environment for rapid application development using a database (Rapid Development Environment)
- ETL – TLеTL Manager is an assistant for creating systems for extraction, transformation and loading of data for the building of datawarehouses
- TL Report Engine – a tool for the extraction of data from diverse sources and displaying it as reports in various formats
- Environment for creating electronic records using metadata
BUSINESS INTELLIGENCE

For over 12 years TechnoLogica has used tools and technologies to help clients extract data of various kinds from multiple sources of information, transform and collect the incoming data into meaningful business information which should lead to better company management.

The purpose of Business Intelligence (BI) solutions is, by applying analytical methods, to transform data arrays into meaningful business information which should lead to better company management.

BI technology is recognized as one of the most important decisions that contribute to the competitiveness of the organization. From a reporting method, BI technology is turning into a way for optimization of business processes. These days, business intelligence systems have high priority in IT investment plans.

We work with Oracle Business Intelligence Suite Enterprise Edition, a comprehensive and innovative business intelligence platform, combining all the advantages of the Oracle Siebel and Hyperion technologies. It is provided for use with heterogeneous data and databases and could be integrated with variety of platforms.

Clients receive the opportunity to use information effectively in their reporting, analysis, planning and monitoring activities in order to make objective and timely decisions and take necessary actions.

TechnoLogica provides:

» A team with extensive experience in developing reporting and business intelligence system.

» Design, development and implementation of reporting and business intelligence systems using Oracle technologies.

» Formation of joint teams with the clients’ experts for the transfer of knowledge and the opportunity for further development of the system without commitment to the developer.

» Implementation of pilot projects with visible results to demonstrate the necessity and benefits of building a BI solution in the company.

» Advisory assistance in analyzing and defining the architecture of BI solutions in the organization.

» Conducting specialized training in Oracle BI products in the TechnoLogica Oracle-certified education center.

TL REPORT ENGINE

The TL Report Engine is a powerful tool developed by TechnoLogica for the extraction of data from diverse sources and displaying them in reports, formatted according to the clients’ preferences. The application is based on the established technologies: SQL, XSLT and FOP. Generated reports can be produced in most of the popular file formats: PDF, RTF, PCL, GIF, PNG, plain text, SVG, HTML, and all XML-based formats. If the reports are in PDF format, additional features can be implemented, such as adding fold marks for machine folding and insertion into envelopes, printing of barcodes, and document access control. The processes of data extraction and formatting of the results are independent, which ensures ample opportunities for the integration of the TL Report Engine with other software applications.

DATA WAREHOUSE

For a Business Intelligence application to work efficiently and accurately it must have access to all available data, which should be free of errors and duplicate records, well structured and securely stored. This is achieved by using the so-called Data Warehouses. A Data Warehouse is a centralized repository for all kinds of electronic data, which exist in the organization.

The Data Warehouse provides tools and technologies for:

» Optimized data storage for the purpose of fast and easy on-demand delivery to business users.

» Extraction and transformation of data.

» Analysis (Data Mining).
HeRMeS® - HUMAN RESOURCES MANAGEMENT SYSTEM

The integrated Human Resources Management System HeRMeS® is a proprietary product of TechnoLogica and a highly effective tool for the automation of all processes and procedures related to this key activity. Using HeRMeS® the organization can quickly access primary information and transform it into an effective business tool for strategic planning.

The HeRMeS® system is aimed at both the Human Resource Management Department professionals, as well as all other managers and employees in the organization. The graphical user interface is intuitive, easy to use and offers flexible customization tools and settings. By aiding management decisions, the HeRMeS® system facilitates the adaptation of each organization to the constantly changing competitive environment.

The HeRMeS® Human Resource Management System is used by companies in various sectors of the economy, public administration structures and foreign investors in Bulgaria, the Republic of Macedonia and Bosnia and Herzegovina. TechnoLogica offers the outsourcing of payroll processing and provides clients with the opportunity to use various procedures from the HeRMeS® Human Resources Management System (Outsourcing + SaaS).

HeRMeS® V Advantages

» HeRMeS® V offers excellent adaptability to the complex management models of various types of organizations from all sectors of the business and public administration.

» HeRMeS® V can automate company-specific processes and procedures for the management of human capital.

» The numerous Self Services for managers and employees make the system useful beyond the human resources management units by covering activities across the organization.

» The built-in analytical reports and metrics support effective decision-making at all levels of management.

» HeRMeS® V provides tools for integration with all popular ERP, accounting, banking and other external systems.

» The system ensures a very high level of data protection and precise definition of access rights for each user.

„The implementation of HeRMeS® V enabled us to have a comprehensive view of the human resource management process. TechnoLogica’s team are continuously developing and upgrading the software, and they are not just sticking to the basics either, but taking into account the strategic function of human resources and all the processes running on a daily basis at the company.”

Antoaneta Georgieva
Human Resources and Administration Director
Sopharma Trading
The HeRMeS® system automates the following business processes:

» Management and development of the organization
» Management of the personnel selection and recruitment process
» Administration of employees
» Planning and management of absences
» Management of work schedules, shifts and modes
» Management of appraisals and career development
» Planning and administration of qualifications and training
» Planning and administration of compensations and bonuses
» Payroll management
» Development of business simulations
» Management of workplaces and equipment
» Planning of resources and budgeting of costs
» Generation of analyses and reports

Advantages of the implementation of HeRMeS® for the organization:

» Uniform rules with no exceptions are a key factor for the motivation and the confidence of the employees in the organization.

» Reduced expenditure of labor and funds. The implementation of standards in the process of human capital management enables real labor cost savings in the organizations that use HeRMeS® V.

”Our relationship with TechnoLogica dates back to 2000, when the decision was made to implement HeRMeS®, after researching several systems. Experience has shown that this was the right decision. We are pleased with the way the implementation was done – quickly and efficiently, with the forms and additional functionalities developed by joint teams, which was an excellent option for over the next 10 years we had very well prepared teams who worked successfully without requiring much assistance by IT support professionals. The quality of the training was very high and exceeded the scope of the project. We did not hesitate to migrate to version V, and we can confidently recommend HeRMeS® to other companies”.

Vladimir Visokomogilski
IT Manager
Actavis Operations

Advantages of the implementation of HeRMeS® for the managers:

» Significant reduction of the workload of the personnel administration professionals.

» Options to introduce different models of compensation structuring in response to the labor market, as well as various schemes for flexible compensation, bonuses and commissions.

» The extensive options to introduce standardized management procedures and practices significantly improve the work organization.

» Built-in Self Services for managers in HeRMeS® V ensure involvement in all major processes in human capital management.

» Remote access, including via mobile devices, gives managers independence from their location and reduces the time for decision making.

» HeRMeS® V offers various cross sections of all data that contain crucial information for managers at different levels.

Simple and clear rules used in the Self Services are a prerequisite for elimination of subjectivity and for mitigation of interpersonal conflict within the organization.
IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING (ERP) SYSTEMS

TechnoLogica’s experience with the implementation and localization of Enterprise Resource Planning (ERP) systems dates from 1994. We offer complete solutions for building ERP systems tailored to the nature and extent of the clients’ business as well as their available budget.

The business applications, integrated into Oracle E-Business Suite, cover the management of all resources, sales, purchasing, production, internal and external logistics, etc. The hundreds of web-services included allow easy integration of other systems into the company’s business processes. The system allows the creation of an uniform classification of data on customers, suppliers, partners, employees and all entities within the organization, thus providing the employees with direct access to unified global information.

TechnoLogica also offers solutions based on Oracle JD Edwards EnterpriseOne. JD Edwards is considered the best fit for midsize companies who have lower budget along with a need for a fully integrated solution to address each of their core business processes.

These comprehensive software solutions include:

» A pre-integrated application suite – industry-tailored with the specific functionality.

» Fast setup wizards – proven, best-in-class, business flows to speed implementations.

» Unlimited potential – the flexibility to grow on the same platform for years to come.

These components allow for removing risk, decreasing product complexity and meeting the functional requirements along with providing faster implementation and rapid ROI.

DIMAS PRODUCT FAMILY

DiMaS Assets is an inventories and fixed assets management system, developed by TechnoLogica and based on Oracle and Microsoft technologies. DiMaS Assets offers integration with the HeRMeS® human resources management system and thus enables the planning of the organization’s material assets requirements in line with the human resources development planned with HeRMeS®. The Self Service capabilities offered by DiMaS Assets enable employees to request resources and track the processing of their request.

DiMaS Lease is a software product based on Oracle technologies and designed to process leasing contracts: operating, financial, open-end, closed-end leases, with fixed or floating interest rates.
BUSINESS PROCESS MANAGEMENT

Organizations face diverse challenges, but the principles and mechanisms for the improvement of the quality of products and services are universal in their nature. The visualization of the activities in a company as a system of interrelated business processes helps to identify specific opportunities for improvement related to the reduction of financial losses, to ensuring effective interaction between organizational units, to the optimization of the exchange of data and documents, etc. To improve the processes, we must determine how they perform at the moment, what indicators are considered key by the management, and how they can be improved.

TechnoLogica provides services for the modeling, analysis and improvement of business processes, by combining an established methodology, knowledge and practical experience from dozens of projects in organizations in the private and public sectors.

**TechnoLogica offers the following services:**
- Modeling, analysis and improvement of business processes
- Formalization of the strategy and objectives of the organization
- Establishment of a system of key indicators to measure the performance of the organization
- Supply of software products of the ARIS Platform for modeling, analysis and simulation of business processes
- Practice-oriented courses in the modeling and improvement of business processes and business analysis

CUSTOMER RELATIONSHIP MANAGEMENT (CRM)

Customer Relationship Management is a combination of business strategy and operations to identify, attract, increase retention, build loyalty and develop highly profitable customers through effective and efficient management throughout their life cycle.

As a result of the implementation of a CRM system the organization is able to turn accidental customers into regular ones, and subsequently into loyal customers. A company with thousands of customers could treat each of them as if they were unique.

**TechnoLogica offers:**
- Delivery, supply, implementation and support of CRM software by the two biggest vendors:
  - Microsoft Dynamics CRM
  - Oracle Siebel CRM
- Consultation on the organization and the description of the business processes in marketing, sales and service support
- Building of customer care centers
- Training of managers, administrators and users of CRM systems
PROJECT MANAGEMENT (PM)

The successful implementation of a project or project portfolio is impossible without accurate and timely resource planning, monitoring of actual resource utilization and team members workload. TechnoLogica offers a wide range of solutions for efficient project management: Oracle Primavera, ASTA Powerproject and TILOS.

» Oracle Primavera

The globally recognized and established software platform Oracle Primavera provides a rich set of reliable tools for transparent and centralized management of one or multiple projects, including planning, control and reporting on the projects, optimization of resources, cost monitoring, meeting deadlines, storage and attachment of project documents, and effective coordination of teams. Primavera offers a full-featured web client for comprehensive planning and reporting of projects, analysis of a portfolio of projects, and generation of summarized views with graphics and text on the status of projects under implementation. The Oracle Primavera Risk Analysis module assists project managers in risk analysis and mitigation. The use of proven risk management approach is a solid ground for project managers when making decisions in order to reach the project objectives.

» ASTA Powerproject

The intuitive software solution ASTA Powerproject is widely used in the public, manufacturing and energy sectors, construction, as well as in financial, technological and consulting organizations. In addition to all the standard project management features, ASTA Powerproject offers further functions, such as cash flow management working with multiple currencies simultaneously, planning and reporting of quantities related to the activities, prevention of temporal imbalance and detection bottlenecks in the processes (Line Balancing), etc.

» TILOS

TILOS (abbreviation of Time-LOcation System) is a software for planning and managing linear construction projects, especially in the sectors of construction, energy and infrastructure. TILOS is widely used in the construction of highways, railways and subway lines, pipelines, tunnels, transmission lines and water engineering projects. By using special charts for time and distance, and through integration with Google Earth, TILOS provides graphical overlay of the progress in time of the project, in relation to the geographic location of the works. In this way a complete picture of the progress of the project is created, taking into account all its spatial and technical limitations.

TechnoLogica offers:

» Expert assistance for building a corporate project management system based on internationally recognized methodology.

» Project management training in line with the latest and globally established approaches and software platforms.

» Support and training in the implementation and maintenance of project management software.

TechnoLogica is a Registered Education Provider (R.E.P) of the Project Management Institute (PMI)®.

PMI is a registered mark of the Project Management Institute, Inc.
OUTSOURCING OF PAYROLL PROCESSING

The service offered by TechnoLogica is unique by also providing access to HeRMeS® - a system of more than 17-year history, established as the standard on the corporate market in Bulgaria. This first-of-a-kind combination of outsourcing with the use of HeRMeS® functions and processes guarantees a professional payroll processing service, complemented by highly efficient tools for management and enforcement of policies and rules. The clients have access to the full range of procedures for the selection, administration, assessment, training and development of employees. These procedures are automated as much as possible, and follow practice-proven business models.

By choosing the payroll processing outsourcing services of TechnoLogica the organizations gain the following advantages:

» Released resources that can be directed to the core business areas of the organization
» Transfer and minimization of the risk
» Streamlining of the payroll processing function
» Improved and expanded services for employees and additional benefits for them

IT OUTSOURCING

Maintaining an in-house team of highly qualified IT professionals is not always economically justified, and often impossible. For customers who need IT services, but do not have the necessary experts and resources, TechnoLogica offers as outsourced services:

» Software development
» Experts to work on projects at the client end
» Applications administration
» IT infrastructure administration
» Services to accelerate the innovation processes in industry (CAD/CAM modeling, analyses, rapid prototyping)
Recognizing the importance of training in the information technology field, we created our training center in 1995.

The TechnoLogica Education Center (TLEC) is the first training center in Bulgaria certified by an international software corporation and it has a long tradition of training IT professionals. At the TLEC we offer a wide range of courses in key areas of the information technologies. We have 30 trainers certified by the leading IT corporations who have both teaching skills and extensive experience in the real-life implementation of various technologies. TechnoLogica has developed modular programs to teach the knowledge and skills required for a specific IT function.

Today the center is approved as a provider of trainings by Oracle, Microsoft, Project Management Institute, International Institute of Business Analysis, Primavera, SolidWorks Corp.

Training courses on various topics are offered in the TechnoLogica Education Center:

- Oracle University Courses – as Oracle Approved Education Provider, the education center offers Oracle courses led by instructors with Oracle Certified Trainer status.
- Project Management Methodology – TechnoLogica has been approved by PMI to issue 35 PDUs, needed to sit the PMP® and CAPM® certification exams. The scope and content of the course are in compliance with the latest edition of *A Guide to the Project Management Body of Knowledge*, (PMBOK® Guide) – Fifth Edition, Project Management Institute, Inc., 2013. Use of project management software tools based on the Primavera products and Microsoft Project.
- CAD/CAM systems – SolidWorks, Delcam and their integrated applications.
- Business process management and software tools for business process modeling and analysis - ARIS Platform products.
- Business analysis methodology - the trainings offered are certified by IIBA® and follow the principles recorded in the Business Analysis Body of Knowledge.
- Customers relationship management and CRM software.
- Human resources management systems.

Forms of training:

- Approved in accordance with the vendor’s program, ending with an internationally recognized certificate.
- Training, customized to the specific requirements and objectives of the client and specialized in a particular topic.
- Workshop with emphasis on practical activities.
- Transfer of know-how through joint teams work on the clients' actual projects.

Authorized VUE, Prometric, Kryterion Inc. and Castle Worldwide, Inc. Testing Center

TechnoLogica is an authorized VUE and Prometric testing center, exclusive representative for Bulgaria of Kryterion Inc. and the exclusive authorized Internet-Based Testing Site for Bulgaria of Castle Worldwide, Inc., which provides professional certification testing for numerous information technology industry leaders, such as: Oracle, Microsoft, Cisco Systems, Hewlett Packard, Compaq, Citrix Systems, IBM, Dell, Apple, Linux Professional Institute, Lotus Development, Novell, Project Management Institute, Adobe, Macromedia Testing, Check Point Software Technologies, RSA Security Testing, Security Certified Program, Siemens Sun Microsystems – SAI Program, Tivoli Testing, Zend Technologies and many others.
DITRA CAD/CAM CENTER

DiTra is the CAD/CAM center of TechnoLogica. For over 23 years the company has been providing the Bulgarian machine engineering industry with comprehensive and effective design and production solutions. DiTra is a representative of the global leaders SolidWorks Corporation, Delcam and Stratasys. The team of experts combines many years of experience in the deployment of industry-standard products with the continuous acquisition of new knowledge and the improvement of their professional level.

CAD

In recent years DiTra enjoys an exceptional interest towards the leading CAD system SolidWorks. A consistent innovator in their area, SolidWorks offer users ever more intelligent and easier to use tools for fast and effective project implementation. The use of the latest technologies enables engineers to focus on the essence of their work instead of the design tools they are using.

COMPUTER-AIDED ENGINEERING (CAE)

An ever growing number of companies implement the powerful design validation tools built into SolidWorks, which provide engineers with reliable and intuitive tools for any type of analysis. These tools enable the validation and optimization of products still at the design stage by simulation and analysis of their future real-world performance.

RAPID PROTOTYPING

DiTra offers on the regional market the high-technology tools for fast prototyping of the US company Stratasys, better known as 3D printers. They can be used to create functional models directly from any existing 3D CAD files. Functional prototypes enable designers and everyone else involved in the development of products to make better and more informed decisions, resulting in fewer design changes, better products and lower cost of the final products.

CAM

As a representative of the leader in the field of CAM systems, the British company Delcam, DiTra deploys and supports a wide range of products: the high-end system PowerMILL, leader in the field of tool building, FeatureCAM, offering unprecedented ease of use for the more general machine engineering industry, the fully integrated in SolidWorks solution Delcam for SolidWorks, etc.

CAD/CAM SERVICES

The DiTra Laboratory for assistance to innovative processes in industry is equipped with a prototyping machine by Stratasys. Using its specialized equipment and accumulated expertise the Laboratory manufactures for industrial copanies functional physical prototypes made of various materials, and creates 3D models of real-life parts and products. The Laboratory helps the companies to shorten the cycle of the innovation process and thus improve their competitiveness. The laboratory is staffed by a team of highly qualified experts, who are available to Bulgarian companies for joint implementation of projects aided by modern 3D technologies: 3D modeling, design analysis and validation, NC programming, creation of photorealistic images and animations.
GEOGRAPHIC INFORMATION SYSTEM

The information about the location of given objects on the surface of the Earth, in combination with a description of the objects, any processes they are involved in, how they interact with other objects, etc. is of critical importance in the spheres of defense, public safety and security, production and distribution of energy, government administrative services, construction and operation of infrastructural sites, transport, etc. The need for such information is met by the geographic information systems (GIS) which generate, collect, store, update, process, analyze and visualize all types of geo-referenced information.

In the field of GIS TechnoLogica offers a wide range of solutions both from leading world vendors and its own developments.

The TechnoLogica Internet Map Server (TIMS) is a 100% Java-based server providing GIS services over the Internet. TIMS enables the fast and efficient generation and publishing of dynamic maps on the Internet. TIMS provides the capability to process, edit, extract and visualize data stored in Oracle Spatial, ESRI Shape files and raster images.

TIMS is exceptionally attractive to Bulgarian organizations due to its combination of a competitive price, support and options for modification and expansion of the functionality to accurately reflect the clients’ specific requirements.

When complex or industry-specific GIS solutions are required TechnoLogica offers the products of the global leader Intergraph Corporation, which are specially designed for the areas of defense and intelligence, public safety and security, public administration, transportation, photogrammetry, utilities and telecommunications operators.

The TechnoLogica services in the field of GIS include:

» Consulting services on project development involving the use of GIS for: crisis management, management of emergency response mobile units, management of utilities infrastructure, public facilities security (airports, railway stations, ports, etc.).

» Supply and implementation of Intergraph software tools and training.

» Development of GIS-based specialized information systems.

» Integration of GIS functionality into classical information systems.
SYSTEM INTEGRATION

The TechnoLogica team has extensive experience with:

» Construction of complex computer networks by implementing advanced technology solutions from Cisco Systems and Microsoft.

» Integration of data, voice and video transmission combined with security and reliability of transmission.

» Design and construction of state-of-the-art cluster structures and data centers.

» Systems using the best combination of Cisco network technologies, Microsoft architectural solutions, Oracle business applications and databases.

The specialists are certified in Microsoft, Linux, Cisco and Juniper products and technologies.

Through collaboration with other TechnoLogica departments clients receive comprehensive, optimized and balanced solutions integrating all technologies from hardware to software.

TECHNOLOGICA IDENTITY MANAGEMENT SYSTEM (TLIdMS)

TLIdMS is a comprehensive solution for digital identity life cycle management in organizations – from the moment of appointment when the user profile is automatically created and rights are assigned, through the various stages of career development, to the moment of leaving the organization and the closing of the digital identity life cycle and respective cancelling of the access rights by the system.

TL IdMS provides full integration with the HeRMeS® human resources management system, which is used as an employee data source. Changes in HeRMeS® are automatically detected by TLIdMS, which initiates the processes for generation or change of profiles and access rights to the organizations’ information systems.

Advantages:

» Increased security

» Full audit of all actions related to the change of user profiles and rights

» Reduced administration costs through centralized management

» Easy administration through the WEB

» Secure access (integration with Single Sign On) to the administrative console with different levels of authorization
ORACLE

TechnoLogica is Oracle Certified Advantage Partner, Oracle Approved Education Provider and Oracle Applications Reseller. Oracle is the largest business software company in the world.

MICROSOFT

TechnoLogica is Microsoft Certified Gold Partner. Microsoft is the worldwide leader in software services and Internet technologies for personal and business application.

CISCO

Founded in 1984, today Cisco Systems is the largest producer of telecommunication and network equipment in the world. TechnoLogica is Cisco SMB Select Partner.

PMI

TechnoLogica is reviewed and approved as a provider of project management training by the Project Management Institute (PMI). PMI is a leading organization providing skill development for specialists who work as Project Management Professionals (PMP)®.

SOLIDWORKS

DiTra, a TechnoLogica subsidiary, is the exclusive reseller of SolidWorks for Bulgaria and Macedonia. The SolidWorks Corporation develops innovative mechanical design solutions for the Microsoft® Windows® platform.

DELCAM

DiTra, the TechnoLogica CAD/CAM center, is the exclusive representative of Delcam for Bulgaria and Macedonia. Delcam is a leading global vendor of high-end CAD/CAM software solutions for automated technological development of products.

ALADDIN

TechnoLogica is the only official authorized Bulgarian partner of the Aladdin Knowledge Systems company, the leading developer and innovator in the field of software security and Internet security.

INTERGRAPH

TechnoLogica is an official partner for Bulgaria of the U.S. company Intergraph – a world leader in solutions based on geographic information systems.

IIBA

TechnoLogica is an Endorsed Education Provider of the International Institute of Business Analysis (IIBA®), as well as a test center for the CBAP® (Certified Business Analysis Professional) certification. IIBA is a worldwide organization of professionals who work for the establishment and maintenance of common standards and best practices in business analysis.
PROJECTS

Some key TechnoLogica projects:

» Integrated Administration and Control System - Payment Agency, State Fund Agriculture, certified and accredited by the European Union

» Central Credit Register - Bulgarian National Bank

» BULCOD - NATO - certified codification instrument, Ministry of Defense

» System for Reporting and Control of the Currency Flow – Bulgarian National Bank

» Management Information System "Regulatory and Operational Reporting" - UniCredit Bulbank

» Special Pledges Registry - Ministry of Justice, financed by USAID


» SafeSeaNet system, Executive Agency "Maritime administration", certified by the European Union

» Human Resources Management Information System (HRMIS) for the State Administration of Bosnia and Herzegovina, funded and awarded by the European Union

» Implementation of a project management system Primavera P6 - Stanilov Ltd.

» Balanced Scorecard System – National Revenue Agency

» Client Information System - Allianz Bulgaria Holding

» Identity and Access Management System - UBB Bank (NBG Group)

» Integrated Human Resources Management System for the Public Administration of Bulgaria, funded by the European Union

» Business Management System - National Health Insurance Fund, financed by the World Bank

» Information System for Personnel Management - Ministry of Defense – Macedonia, funded by the U.S. Government

» Monetary Statistics Information System - Bulgarian National Bank

"My colleagues and I are impressed by the Bulgarian Codification System. The System has the full needed functionality, it is logically connected and has a user-friendly interface. Congratulations for TechnoLogica’s team, who developed this product in a record time”.

Denis Lampron
NATO Maintenance and Supply Agency
Some key TechnoLogica projects:

» Implementation of the River Information System on the Bulgarian Part of the Danube (BULRIS) - Bulgarian Ports Infrastructure Company, funded by the Transport Operational Programme

» Information System of the Bulgarian Drug Agency, funded by the European Union

» Development and implementation of information system and web site for the American Chamber of Commerce in Bulgaria (AmCham)

» Electronic Banking - Rompetrol Bulgaria AD

» Modeling and analysis of business processes and implementation of a system of balanced indicators, TVT Holding

» Integrated Defense Resources Management System (ISURO) - Ministry of Defense

» Centralized Optical Archive for the Purposes of Vehicle Insurance – Allianz Insurance Bulgaria

» Register of Births, Ministry of Health

» Testing information system, Directorate General “Civil Aviation Administration”

» “Implementation of 50 priority services for the central administration” of the procedure “Development of the administrative services by electronic means”, Ministry of Transport, Information Technology and Communications, funded by the Administrative Capacity Operational Programme

» “Better services through electronic governance in the Northwest, North-central and Northeast planning regions”, Regional Administration Pleven, funded by the Administrative Capacity Operational Programme

» Implementation of an integrated information system Oracle E-business Suite, Skrill Holdings Ltd. (Moneybookers)

» Analysis and modeling of the business processes in the Ministry of Labor and Social Policy and its executive agencies, Ministry of Labor and Social Policy

» Geographical information system software for the needs of OP Regional Development for the 2014-2020 programming period, Ministry of Regional Development and Public Works

» Building of a Data Warehouse and reporting system, CIBANK

» Implementation of a Customer Relations Management system, Raabe Bulgaria

» Information system for the management of the distribution network, Zagorka AD

» Implementation of an integrated administrative service to provide quality services to individuals and businesses, Council of Ministers, funded by the Administrative Capacity Operational Programme

“TechnoLogica’s consultants have a clear vision of what they are doing, they successfully apply the good practices in the field of IT solutions and business modeling, readily responding to the question “How should things happen?”, and not showing any hesitation when implementing bold ideas.”

Vanya Todorova
Manager
TVT Holding
CUSTOMERS

Some of the clients using TechnoLogica-developed software:

INDUSTRY
- Devnya Cement AD (Italcementi Group)
- Actavis EAD
- Schneider Electric Bulgaria
- Solvay Sodi AD
- Festo EOOD
- Danone Serdica
- Sopharma AD
- Roca Bulgaria AD
- Chelopech Mining EAD
- ContourGlobal Maritza East 3
- Zlatna Panega Cement AD (TITAN Group)
- Unipharm JSC
- Socotab Bulgaria
- Carlsberg Bulgaria
- Holcim Bulgaria AD
- Holcim Karierni materiali AD
- Grammer AD
- Vulkan Cement AD
- Lukoil Nefrochim Burgas AD
- Bulgartabac Holding AD
- Burgasnefteproekt EOOD

RETAIL & SERVICES
- MobilTel (Telekom Austria Group M2M)
- VIVACOM (Bulgarian telecommunication company AD)
- Globul (Cosmote Group)
- Blizoo Media and Broadband EAD
- DHL Bulgaria
- PricewaterhouseCoopers Bulgaria
- Sofia Airport EAD
- METRO Cash & Carry Bulgaria Ltd.
- Company for Luxury Hotels (Hilton Sofia)
- Happy Ltd.
- G4S Security Services Bulgaria
- Lev Corporation AD
- SAMEKS Ltd. (KFC & Dunkin’ Donuts)
- Balkanpharma Security Ltd.
- Sopharma Trading JSC
- ADIS Ltd.
- E.ON Bulgaria EAD
- Coca-Cola HBC Bulgaria (Coca-Cola Hellenic Group)
- bauMax Bulgaria

BANKING & FINANCE
- Bulgarian National Bank
- United Bulgarian Bank
- UniCredit Bulbank
- Bulgarian Post Bank (Eurobank EFG Bulgaria AD)
- UniCredit Leasing
- Allianz Bulgaria Holding
- BNP Paribas Bulgaria
- ING Bank Bulgaria
- Reiffeisenbank Bulgaria
- ING Pension Insurance Company
- Piraeus Bank
- DSK Bank
- CIBANK
- Bulgarian Deposit Insurance Fund

PUBLIC ADMINISTRATION
- Council of Ministers
- Ministry of Defense
- Paying Agency, State Fund “Agriculture”
- National Health Insurance Fund
- Ministry of Foreign Affairs
- The Special Pledges Registry
- Bulgarian Drug Agency
- Directorate General “Civil Aviation Administration”
- Executive Agency “Maritime administration”
- Communications Regulation Commission
- National Revenue Agency
- Financial Supervision Commission
- Bulgarian Ports Infrastructure Company
- Ministry of Labor and Social Policy
- Ministry of Environment and Water of Bulgaria
- Ministry of Regional Development
- National Employment Agency
- Ministry of Transport, Information Technology and Communications
- Ruse Municipality
- Stara Zagora Municipality
- Ministry of Health
- Bulgarian Air Traffic Services Authority
WHY TECHNOLOGICA?

If you need an information system, if you want to evaluate and optimize an already working solution or if you are looking for a partner for a joint project in us you will find:

An extensive portfolio of software products with selected solutions from the largest software companies:

» Enterprise Resource Planning (ERP)
» Human Resources Management (HRM)
» Customer Relationship Management (CRM)
» Business Process Management (BPM)
» Project Management (PM)
» DataWarehouse and Business Intelligence
» Geographic Information Systems (GIS)
» CAD/CAM

Off-the-shelf industry-specific solutions for: financial institutions, utility and manufacturing companies, telecom operators, defense and security, etc.

Complete supplier of well-established products and applications, developed by specialists with expertise both in all phases of the solution life cycle (current state analysis, design, development, localization, implementation, training and maintenance of IT systems) and in the integration of various software technologies into an integrated system.

Experience in application of best practices for project management and for modeling and optimization of business processes to avoid failures during the implementation stage.

Optimal scalable solutions in a heterogeneous environment using the existing working solutions integrated with the new and modern system.

Specialists with internationally recognized certification and considerable experience gained in many composite IT projects for international- or national-scale companies.

A partner with a team committed to customer’s success.

A certified education center offering a wide range of courses. The TechnoLogica instructors are practitioners with certified skills for the transfer of knowledge and experience. If required, our experts can develop non-standard trainings and prepare the corresponding training programs and materials.

Risk sharing – a practice of using prototypes and test scenarios for convincing the client of a risk-free investment.

Flexibility in pricing and payment methods.

Consideration for the economic situation during contracting.