ADecTec
Applied Decision Technologies, Inc.

CAPABILITY STATEMENT

Applied Decision Technologies, Inc. (ADecTec), founded in Georgia in 2007, provides process improvement-focused enterprise-wide technology solutions and consulting services. Our software products and consulting services improve customer efficiencies and value. Our software solutions utilize advanced technologies, and mathematical optimization and statistical techniques to provide state-of-art solutions to our customers.

Our technologies solve real-life problems for our customers. Keeping efficiencies up and costs down- we understand that is a big promise. It is backed by real customer successes.

PAST PERFORMANCE

TOSCA LTD (www.Toscaltd.com)

ADecTec configured and deployed the Logistics and Manufacturing Panning System (LAMPS) to manage end-to-end logistics of leased goods. The application is deployed in the North America is being used by over 3500 users.

M3FORCE (www.M3Force.com)

ADecTec designed and deployed a response-based on-demand security system - COMMANDO-ON-CALL (COC). The system tracks the user in need and dispatches security guard to help. The system uses GPS based tracking to track the users and provides complete visibility and monitoring capabilities.

WAREHOUSES_ANYWHERE.COM

ADecTec designed and deployed a RFID based automated warehousing system to track the operations and inventory of mini-storage type warehouses across the USA. Over 180 warehouses are equipped with the system.

NCR CORPORATION (www.NCR.com)

ADecTec designed and deployed a worldwide field Services Planning System **(SPS).** This included demand forecasting, scheduling, analysis and reporting systems.

INFORMATION TECHNOLOGY SERVICES

132-51 IB - IT Systems Development Services

ADecTec offers complete end-to-end systems development services from concept to commission. We are expert in gathering user requirements, process flows, creating technical specifications to meet regulatory requirements and applying advanced technology concepts to create the next generation of applications both on web and mobile platforms.

Key Words - Block-chain, Machine Learning, Pattern Analysis, Data analytics, .Net, C#, Relational Databases, Mathematical Optimization, Statistical Techniques, R, PowerBI, Android, IOS.

132-51 ID • Auto. Info System Design and Integration

ADecTec technology services provide capabilities to bring disparate systems on different platforms to communicate with each other or to a common system. We are experts in creating enterprise integrations including data analysis, data engineering, data transports and communication engines.

Key Words - Data Engineering, System Connectivity, Transport Mechanisms, EDI, Web and Database Communication Methods

132-51 IM - Other IT services • Products

Logistics and Manufacturing System (LAMPS) is designed to plan and execute logistics and manufacturing operations of a distribution or a manufacturing enterprise. LAMPS is a web based modular system providing worldwide, multi-location, multi-language and multi-user access. It is scalable and provides remote access to administer. It is a fully functional enterprise-wide operations planning system from demand forecasting to shipping and corporate level planning to shop-floor data acquisition.

Key Words - Forecasting, Demand Planning, Inventory, Scheduling, Tracking, Monitoring, Warehousing, Automation, Order and Shipment Management, Contracts, Pricing, Alerts, Analytics, Business Intelligence

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Help-On-Call (HOC) is a novel application. It turns your smart phone into a discreet personal safety device. Using revolutionary Global Positioning System (GPS) and mobile radio technology, you are able to request assistance with no effort. Just click the Help-On-Call (HOC) SOS button. For more detailed functional information, please visit us at www.HelpNowOnCall.com.

Key Words- Safety, alerting, GPS tracking, SOS, monitoring

ArcPartograph It is an advanced real-time and comprehensive labor-room monitoring application and manage pregnant women's health. It is designed according to the guidelines of World Health Organization. For more detailed functional information, please visit us at www.arcpartograph.com.

Key Words- Healthcare, alerting, maternal health, monitoring

COMPANYSNAPSHOT

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NAIC Codes

NAIC 541511- Custom Computer Programming Services
NAIC 541618 - Other Management Consulting Services
NAIC 541690 - Other Scientific and Technical Consulting Services
NAIC 541614 - Process, Physical Distribution and Logistics Consulting Services

NAICS 423430 Computer and Computer Peripheral Equipment and Software Merchant Wholesalers

CORE COMPETENCIES

Planning and Execution Systems
- Manufacturing and Supply-chain Operations Planning
- Field Services Operations Planning
- Personnel Security Operations
- GPS Based Tracking Sensory Data Acquisition and Monitoring

Custom Software Development
- Enterprise-wide large-scale application development
- Web and Mobile application development
- Systems Integration and Data Engineering
- Analytics, Visualization and Intelligence

Hardware Sales
- Computer and Networking equipment sales

Technologies Used
- .Net, MS-SQL Server, Swing, CMS, Objective C. Google Services, IOT.
- Mathematical Optimization and Statistical Techniques
- Multi-media multi-mode alerts and visibility
- Modbus, SCADA, RFID and GPS
- Block-chain, Predictive Alerts, Data Driven Decision Making

132-51 IC - IT Systems Analysis services

ADecTec offers advances process evaluation and reengineering services to analyze the current state of the systems, propose a future state, identify gaps and provide a pathway to achieve the future state. Our methodology involves evaluation of processes, systems, business rules, organizations, safety and timeliness considerations.

Key Words - Value-chain mapping, Supply-chain mapping, Service-chain mapping, Process Reengineering, Lean and Six Sigma considerations, Big Data.

132-51 IE - Programming services

ADecTec offers programming services in all standard programming languages and database technologies. We are expert in developing both web and mobile platform-based applications and apps:

Key Words - .Net, C#, Java, XML, Swift, Xamarin, jQuery, HTML5, SQL-Server, Data Architecture, Angular.js, D3.js, MVC.

132-51 IL - Automated News, Data and Other Infonnation Services

ADecTec provides capabilities to capture sensory or streaming data for display, analysis or to integrate within applications. We are experts in API creation and integrations. We also provide data historian to capture, store and visualize.

Key Words - RSA, Bloomberg, News, Sensory data, Historian, Alerts, Predictive Alerting, Forecasting.

132-51 IM - Other IT services • Products

ADecTec Tracker is a mobile device-based vehicle and personal tracking system, which uses GPS with GPRS to track the location of vehicles/ employees in real time. It enables customers to see their vehicle/employee movements live on the map in real time. This feature is extremely useful for fleet managers and business owners as this helps monitor the vehicles and the workforce. Apart from tracking, application could also be used to figure out the distance travelled along with travel time without any other extra hardware.

Key Words- GPS tracking, Routing, routing, alerts



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