

# Predictive Analytics Software and Services Solutions

modeling • forecasting • simulation • optimization

## TECHNOLOGY PARTNERZ - A TRUSTED ADVISOR

Technology Partnerz support it's clients in improving decisions and business outcomes by providing business modeling, simulation/risk analysis, optimization and time-series forecasting in the areas of capital investment decisions, enterprise performance management and enterprise project management to the world's elite firms. Our certified consultants provide expertise through-out the predictive analytics adoption cycle. From needs assessments and opportunity identification to post-implementation support, Technology Partnerz provides a wide range of flexible solutions.



## AT TECHNOLOGY PARTNERZ, WE MAKE ANALYTICS HAPPEN

#### Analytics Strategy

- Business Analysis: We identify opportunities and develop analytics and risk analysis solution specs, processes and implementation plans.
- Change Management: We drive analytics change through advanced change mgmt. services to ensure that predictive analytics and best practices are firmly entrenched in the business culture.
- Solution Selection: We provides objective and impartial support and methodologies to select the right analytics solution for your organization.
- Software Procurement Services: Through our relationships with key analytics vendors we are able to sell directly or we can facilitate the software procurement process.

#### Modeling & Dev.

- Decision Analysis: Our consultants work with you to identify and collect the necessary information, conduct indepth analysis and modeling (including the development of several alternative scenarios) as well as draft a clear and elegant report to present to stakeholders and management.
- Live Expert Support: When a project gets complicated, sometimes all you need is a little help. Our consultants provide remote consulting and support for model building and results analysis to make sure that you get the results you need, when you need them.
- **Technical Services**: Cradle to Grave model and app development services, including integration with external data sources.

#### **Live Training**

- One-on-One Live Training over the internet: Our remote one-on-one solutions are centered on both transferring skills and best practices while solving a pressing business need.
- Customized Training: We can tailor our workshops to solve specific business issues and provide skills that will benefit participants and the organization for years to come.
- Knowledge Transfer: Technology Partnerz works alongside your project team to identify risks/opportunities, build tailored models, conduct workshops and provide the tools for you managers to make the most informed decisions possible.

Aligne

Analytics pplicat<u>ior</u>

Portfolio

## ANALYTICS STRATEGY - GETTING YOUR DUCKS IN A ROW



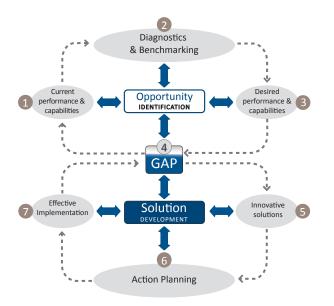
#### Analytics Strategy that Focuses on Alignment

When you want to win, you need to get your ducks in a row. Technology Partnerz assists large and small organization identify low lying fruit opportunities to get the ball rolling while focusing on a long-term strategy to capitalize on the benefits of better analytics.

Our unique approach focuses on aligning all the resources and stakeholders towards key business objectives, while allowing for long-term improvement in strategies and outcomes.

Organizational alignment on specific business objectives is driven by **a focus on 3 core areas and 10 key success factors**. Technology Partnerz works with executives to design business specifications, define technology and data requirements, design/support a change management roll-out and measure benefits.

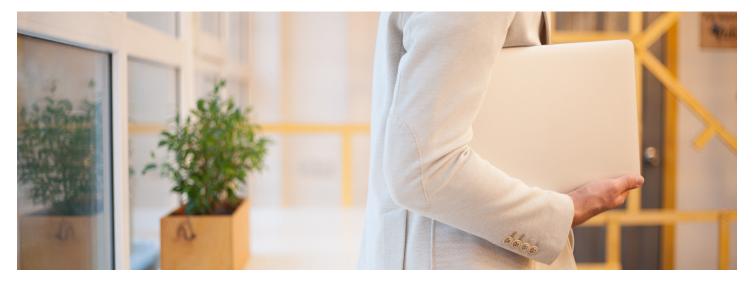
#### Reliable IT/ Cloud Infrast. continuous Business, mic Busi Reliable Data 3 OPERATION Mgmt Questions / Benefits are Decisions are tracked and defined managed Analytics are embedded in processes



#### **Project Implementation Services**

- **Business Analysis:** We identify opportunities and develop analytics and risk analysis solution specs, processes and implementation plans.
- **Change Management:** We drive analytics change through advanced change mgmt. services to ensure that predictive analytics and best practices are firmly entrenched in the business culture.
- Solution / Technology Selection: We provides objective and impartial support and methodologies to select the right analytics solution for your organization.
- Software Procurement Services: Through our relationships with key analytics vendors we are able to sell directly or facilitate the software procurement process.

### MODELING & DEVELOPMENT - WITH RESULTS IN HAND



#### Modeling & Risk Analysis Expertise

- Discounted Cashflows and Long Term Asset Performance Forecasts
- Econometric and Market Models
- Financial Modeling, including porftfolio optimization
- Supply Chain Modeling and Optimization
- Time-Series Forecasting
- Project Risk Analysis (Cost and Schedule)
- Project Portfolio Optimization
- SIPMath and Model Integration
- Risk Based Dashboards

## Application Development & Automation

We design custom applications for both advanced and novice users using your solution of choice.

- **Design, customize and build** analytics, algorithms and simulation models
- **Business analysis and development** to streamlining data collection, processing and report building - Including Risk Based Digital Dashboards!
- Integration of probability calculations and simulation routines using the tool of your choice, including R, Python, Oracle Crystal Ball, Palisade @RISK, Frontline Solver, Vose ModelRisk
- Integration with external data sources such as MS Access, MS SQL, ODBC, OLAP to live update your analysis. We can integrate into over 35 applications in the cloud or on premises.

#### Services Overview

From giving advice on how to accomplish tasks to complete outsourcing of your project, we offer a wide array application and project support services including:

#### Data Analysis

Using modern machine learning, statistical and visualization tools, we seek to understand key relationships and model structures.

#### Modeling

We work with you to translate your problem or decision into an analytical model. These models can then be simulated and optimized.

#### Simulation

We use simulation to better understand the dynamics affecting your business and impacting the accuracy of your decisions.

#### Optimization

Go from What-If to What's-Best by optimizing your business models.

#### **Time-Series Forecasting**

Forecast sales, demand, growth or whatever makes your business tick with the help of our senior consultants.

#### Project Risk Analysis

From Cost and Schedule Risk Analysis to valuations, we can assist you in making decisions that maximize your project's bottom line.

## LIKE THE GREATS - GET TRAINED BY A PRO



**Technology Partnerz' Analytics Services** offers specialized onsite and remote training solutions in French, Spanish and English to jump start your use of predictive analytics in your organization. For more information on our customized training programs, **please call us at 1-888-879-8440**.

#### Skills Training (On-site & Remote)

#### **Crystal Ball EPM Skills**

Learn the basics of Monte Carlo simulation, how to develop Crystal Ball spreadsheet models and how implement basic shared EPM models.

#### **Professional Analysis Skills**

Learn the basics of Monte Carlo simulation and risk management, develop spreadsheet models, analyze and present results. During day 2, use your own historical data to build accurate predictive models and how to search for an optimal solution in 3 key areas: Finance, Operation and Project Management.

#### Finance & Risk Analysis Skills

This class focuses on applying simulation and risk analysis on business and project valuations. Topics include sensitivity analysis, DuPont analysis and an introduction to real options.

#### **Project Risk Analysis Skills**

Incorporate cutting edge simulation and optimization techniques into your project plans and portfolios to predict delivery dates and costs with accuracy.

#### **Spreadsheet Modeling Techniques for Business**

Learn how to design and structure your spreadsheet models to facilitate realistic simulation, avoid problems and create strong yet flexible models.

\* Workshops can be delivered for all major analytics packages we work with (Crystal Ball, @RISK, RiskSolver, ModelRisk, Risk Simulator, Primavera Risk Analysis...) *Call for details.* 

#### Live 1-on-1 Web Training & Support

Our web based remote one-on-one solutions are centered on transferring skills and best practices while solving a pressing



business need. Our workshops last 16hrs and are delivered in 2 hour sessions at your convenience. Just call and book the times that work best in your schedule.

Sessions can be customized to meet with your specific training requirements, including special data and models.

#### Learning Analytics by Doing Analytics

Solve critical business problems using powerful analytics tools and minimize program participants's learning curve through a mix of end-user training, business consulting and user coaching over a period of several weeks. At the end of the program, the participants will deliver a high-value analysis of the problem/opportunity to management. While...

- Learning long-term risk analysis and modeling skills while focusing on the skills to gather the data and present the results effectively.
- Having access to a dedicated consultant/trainer to assist in the development and analysis activities

## ABOUT TECHNOLOGY PARTNERZ

Established in 1999, Technology Partnerz is a management consulting and technology firm that provides strategy, business analysis and organizational change management services for the rapid deployment and adoption of predictive analytics tools, practices and results within the organization. Here are a few facts...

Technology Partnerz has carried out or participated in 100+ client projects around the world, including 15 SAP and Oracle implementations and dozens of spot engagements.

*Developed and delivered training for hundreds of business analysts and managers* on : Risk Analysis and Simulation, Project Risk Analysis, Retail Management Best Practices, Software Specification Development, Change Management, Risk Management, Bid Management, etc.

Technology Partnerz is trusted advisor to many of its vendors' software development teams (such as Oracle, Palisade, Frontline Systems, etc.); contributing features, quality assurance feedback and relaying customer issues in the goal of making the state of analytics software better for the user.

Technology Partnerz is an international reseller and trusted partner for over 15 specialized analytics vendors spanning simulation, optimization, data analysis and forecasting. Through our online portal https://store.technologypartnerz.com, we support organizations in procuring and maintaining their licenses.



## **OUR CLIENTS - ACROSS BORDERS AND INDUSTRIES**



## CONTACT INFORMATION

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