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LexisNexis (Dayton, Ohio)
Lead Architect and Subject Matter Expert – Product Master Data Management
Engaged to lead a team of MDM experts to develop a readiness assessment and detailed product master data capabilities model to meet the organization's need to define and deliver an Enterprise Product Information Management (EPIM) initiative. Designed conceptual, logical, and canonical product master data models, faceted classifications and attribution models. The engagement included a design of business processes and product information management operating models. Performed gap analysis and recommended closure strategies to build organizational capability, drive organizational commitment, and select an appropriate software solution in a solution delivery roadmap spanning a two year planning horizon.

GM/GMAC (NYSE:GM, GMAC LLC) Detroit, MI
Data Warehousing Strategy and Assessment engagement, for the M-MIROR Plan and Define Architecture Review. Retained (extended engagement) further to elaborate ion the underlying business case for this product and the detailed planning and financial budgeting for program adoption as recommended. Ongoing work continues with commitment to GMAC Insurance to provide program management for M-MIROR (analytic environment for actuarial processing) refactoring and design/build oversight.

HealthCare (Clinical and Administrative software development)
- Baxter – Anesthieology and Pain Management clinical products
- Wescom - (Communications products)
  - Served as senior designer for two (2) healthcare communications products - the first mixed PC/UNIX based Ethernet TCP/IP Nurse Call Network, which set the standard for evolution in the industry. Wescom® networked systems (now branded as Intego) are still one other most comprehensive, state-of-the-art systems of their kind on the market, integrating with radio pocket pagers, infrared locators for personnel and equipment tracking, infant security tracking, microcellular phones, ADT systems, as well as offering a comprehensive call reporting package. See http://www.nursecall.com/ for more.
- Lifecom,LifeCare (Communications products)
  - One of the founding management team and lead software architect for Lifecare and Lifecom patient-professional acuity based scheduling, tracking, and call related systems. Company customers included Huntsville Hospital, Brookwood Womens, Medical Center of Georgia. Products developed included Advanced Patient Call System (the original TS800 Patient Call System), Call Answer Terminal, and Trakor Productivity Management System.
- Bard (Anesthieology clinical products)

Insurance
- Knowledge Management System - HighMark (PA. BCBS), UCCI
- Third Party Administration (TPA) Health Care Claims Administration
  - Memorial Managed Care (Managed Care Analytics)
  - Baptist System (Managed Care Analytics)
- Medical Claims Processing
- Automotive Warranty (GMACi)
- Main Street American Group, NGM, Old Dominion, and MSA Assurance

UPS - United Parcel Service (NYSE UPS) – Atlanta, GA
Engaged to lead a technical team from concept to delivery of a highly scalable messaging Infrastructure, message broker, and a client facing front-end (XML On-Line) solution linking customers and logistics providers through a XML Online toolkit. This product exposed a set of services provided for by newly developed back end logistics processes that integrated best of breed Supply Chain application software. Service interfaces managed a number of logistics processes from the time an order is placed on a website: through warehousing, inventory management, order fulfillment (pick, pack and ship), shipping and delivery, management reporting, returns management, customer care and call center telephone support.

CitiGroup (NYSE:C) - Nationwide
Direct participation and management in the delivery of a North American Bank Cards Credit Decisioning application (24 Terabytes ORACLE, MQSeries), and MIS Data Warehouse (16 Terabytes - Oracle) with demonstrated business value in excess of 56 million dollars.

CSX
Direct participation and leadership role in deploying the company's first large scale data warehouse (Integrated Measures Phase I, ORACLE, db2 - 15 Terabytes). Led technical teams in completing design, build, and deployment of automated processes to stage and publish Integrated Measures (operations analytics) subject areas. Warehouse infrastructure, back office network design, and performance tuning completed as first Web-based applications were placed in production during the summer of 1996.

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Intercontinental Hotel Group (NYSE:IHG) Atlanta, GA
Introduced management to Service Orientated Architecture and prepared a twelve-month roadmap to realize its benefits within the organization. Tools, Processes, and Organizational gap closure strategies developed and realized in program and project planning engagement.

AstraZeneca (NYSE: AZN) – Philadelphia, PA
Engaged to provide management consulting and development of an eighteen-month roadmap to initiate an architecture function within US IS operations. This business function, new to AstraZeneca in the US, included full life cycle definition, organizational design, and use of the Architectural Maturity Model to measure progress to plan.

Ford Motor Company (NYSE F) - Detroit, Michigan
Engaged to prepare an RFQ and evaluate responses for a proposed Material Cost Management (MCM) to serve FORD worldwide. Material costs are critical to the success of Ford's overall long-range vision (over 60% cost of new vehicles, 30B+ spend annually) to forecast and evaluate the impact of material costs for a product portfolio based on a part and component level Bill of Materials (BOM). Designed and prepared questionnaire and scoring criteria matrix related to vendor viability, functional and technical fit, and strength of the proposed implementation services. Evaluated RFQ responses to measure suitability of the product(s) and services as proposed to meet the business and technical requirements defined by FORD. Prepared and presented scoring schedules and final evaluation memorandum (SAP, ORACLE Aigle/Hyperion, IBM, and Vistaar), to executives for further evaluation and technical proof of concept selection of the top two vendor responses.

Engaged to prepare an RFQ and evaluate responses for a proposed Customer Knowledge Services (CKS-I) to serve FORD sales and marketing Customer Data Integration (CDI) and Master Data Management (MDM) Service Orientated Architecture needs worldwide. Prepared and presented scoring schedules and final evaluation memorandum to executives for further evaluation.

Engaged to prepare an RFQ and evaluate business rules and product configuration products for the Smart Order Management System (SOMS), Ford's new North American dealer portal for vehicle orders. Prepared and presented scoring schedules and final evaluation memorandum to executives for further evaluation and technical proof of concept.

All three (3) engagements were used to lead the software acquisition process through design and preparation of questionnaire and scoring criteria matrix related to vendor viability, functional and technical fit, and strength of the proposed approach and related professional services. Evaluated RFQ responses to measure suitability of the product(s) and services as proposed to meet the business and technical requirements defined by FORD.

ThyssenKrupp North America (DAX: TKA) - Detroit, MI
Engagement included developing a Data Warehousing Strategy and detailed planning for this distributor of over 32,600 employees. This project also included development of the business case, development strategy, and executive program management to initiate and integrate SAP into this function.

CIBER (NYSE: CBR) - Denver, CO
Data Warehousing strategy, planning, and construction engagement. Ongoing work continues to provide architectural leadership and program management for development of the organization's analytic environment to provide weekly time entry, expense, and key operational measures (utilization, productivity. realized billing and loaded costs). Ongoing work continues with commitment to CIBER to provide both program management and design/build oversight with the development groups.

Hughes Supply (NYSE: HD) - Orlando, FL
Engaged to develop conceptual and logical data models for use in the eWards project. Evaluated business requirements document for completeness and accuracy. Delivered logical model extensions to implementation team for physical deployment.

Tennessee Valley Authority Chattanooga, TN
Engaged to develop a Service Orientated Architecture (SOA) and Enterprise Information Integration (EII) product selection matrix. Developed utility trees, attribute matrix, and high-level EII and SOA fabric component designs for illustrating requirements for use in a RFP and subsequent vendor selection process.

GlaxoSmithKline (NYSE: GSK Consumer Healthcare US) - Pittsburgh, PA
Assessment and development of an Application Profile document that defines the existing FOCUS processing environment including business case, people and organizational impact, process support, usage, and product characteristics. This information used to carry forward into the Roadmap and Recommendations phase as part of an initiative to improve the analytics and reporting function of this CPG organization.

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501.3(c) (Non-Profit) Business Process Re-engineering and Data Integration
Served as engagement manager and Senior Solutions Architect to lead a team in a Process Improvement and Data Integration Initiative for a 501.3.(c) Non-Profit organization. Engagement included Discovery (identifying and mapping key business processes), technologies to support each key business process, and preparation of a business case (Including current business process maps). Findings resulted in developing recommendations for improvement of key business processes, and a conceptual framework for improvements in the technology infrastructure to support the improved key business processes. This work included multiple technology options with cost benefit analysis. Upon completion of the engagement prepared and presented a formal presentation consisting of a review of the solution architecture necessary to support the information requirements and a review of the proposed project plan for the design of the multiple implementation work streams needed to realize the benefits identified.

King County Department of Natural Resources and Parks Seattle, WA
This project developed a recommended approach to allow improved access to data designed to support Wastewater Treatment Division (WTD) and Water & Land Resources Division (WLRD) need for certified environmental data as processed by various units in the Department of Natural Resources and Parks, including WLRD's Environmental Laboratory. Recommendation included the use of Federated (EII), Data Warehousing, and Semantic technologies to meet this need. Information Technology Business Case and Technology Qualifications Report delivered to management in early 2007. Actively engaged to plan, design, and deliver Environmental Data Information Management initiative this year.

NELNET (NYSE: NNI) Lincoln NE, Jacksonville FL, Indianapolis IN, Denver CO
Engaged to provide program management and oversight to three (3) key organizational initiatives for this $23 billion dollar student loan servicing provider to include:

- ***Customer Relationship Management*** (CRM) project to provide customers with an enhanced way to speak to a live agent quickly and for agents to understand what the customer needs across this organization's call centers. This includes the Ice Navigator, Ice Services passing messages on the ESB, Ice Relationships to capture customer interaction data, and real-time interface to on-line source systems.

- ***Customer Data Warehouse*** (CDW). This data warehouse includes the infrastructure for supporting cross-source and cross-business analytics and reporting – including the ability to support executive dashboards and scorecards. It also delivers the marketing subject area, enabling both operational and executive reporting and analytics across the marketing business process.

- ***Marketing Knowledge Center*** (MKC Release v1.0) is an initial production release used for both offensive and defensive marketing campaigns to decrease mailing costs and improve response. This product consolidates customer data across Nelnet acquired companies and the leverages the CDW (referred to above). The combined customer data has opened up a number of potential go-to-markets for NDS, establishing the organization as an industry thought leader in marketing database solutions and improves their ability to target directed efforts at providing financial services over the lifetime of the customer.

Scolastic (SCHL – NASDAQ) Orlando, Florida
Data Warehousing Assessment engagement for this two (2) billion dollar organization whose 10,000 employees operate globally in education, media and publishing businesses reaching children, parents and teachers. Ongoing work continues with commitment to provide program management for design and construction of their analytic environment.

Visteon (VC – NYSE) Detroit, MI
Engaged to lead a global data migration effort to sunset over thirty eight (38) manufacturing (MRP) and distribution (DRP) applications across the globe and integrate a new Manufacturing and Supply Chain software application with a budgeted cost to complete at $50 million. This effort included a discovery and recommendation of process improvements in the migration life-cycle to accelerate and improve the quality of the data delivered to the new application from several legacy sources. New processes and tools introduced to support data sourcing, profiling, design, construction, testing, validation, and acceptance activities. Developed a consistent and repeatable approach to data migration and quality for the program establishing a sound foundation to address operating model optimization, process improvement, and tools and methods (technologies) in a roadmap and plan to include:

- Sequencing of Events (Common Execution Model)
- Data Discovery and Profiling
- Data Exception Handling (anomalies, errors)
- Data Cleansing
- Transformation Rules
- Data Quality Validation Process

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This strategy and plan reduced overall costs, risks attributable to the legacy environment, improved timeliness of management information, enhanced visibility to plant level financial information, streamlined and improved business processes through automation of manual processes. Ongoing work continues to provide program management and subject matter expertise for this effort.

Relex Software Pittsburg, PA
Provided ORACLE configuration and tuning recommendations to this Commercial-Off-The-Shelf (COTS) software application provider for its enterprise class customer base. This effort included a discovery and recommendation of ORACLE specific improvements related to use of the Cost Based Optimizer for the enterprise edition of the Relex Reliability Studio. Prepared a consistent and repeatable approach to ORACLE tuning based on the customer's environment to address model optimization, tools, and methods used.