

Mr. Bruce Thomas Peat

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SYNOPSIS: Mr. Peat, President of eProcess Solutions has over 25 years experience in developing opportunistic solutions for industry and government. Mr. Peat has consistently demonstrated his ability to innovate and solve problems in the areas of electronic business, enterprise architecture, complex sensor and automation systems.

- Mr. Peat currently consults The Business Transformation Agency (BTA) Priorities and Requirements (TP&R) Financial Management team; defining functional priorities and requirements with funds distribution, human resources, cash accountability, disbursing, delinquent debt management, departmental reporting. He currently is a member of the BTA Enterprise Standards team; efforts have included integration efforts with Target interfaces; Defense Agencies Initiative (DAI), Defense Enterprise Accounting and Management System (DEAMS), General Fund Enterprise Business System (GFEBS), Defense Integrated Military Human Resources System (DIMHRS), Business Enterprise Information Services (BEIS), and Strategic Disbursing Initiative (SDI). Mr. Peat has supported the BTA from its inception and prior organization.
- He modified the BEA OV-7 to reflect funds distribution and President's Budget structure. Particular to Data Reference Services to better handle interoperability challenges with disparate systems, developed Standard Financial Information Structure (SFIS) Values Library Service prototype and applied Terms Service[™] for the semantic alignment of financial concepts across the Department.
- He developed and delivered to BTA ACART 1.0 to enable program and system managers to demonstrate compliance to the Business Enterprise Architecture (BEA). The Guide[™]-based service is based on a Web-based wizard generator, faceted classification, and Wiki technology.
- His solutions to challenges have changed the method which business conducts commerce today; his perseverance has brought about unprecedented and successful transformation. He has architected and brought to market the first declarative business transaction translator - today this mapping engine is the most deployed and today all modern translators are declarative rather than procedural. Provided consulting to data mapping leaders on product development and standardization; General Electric Information Systems (GEIS), PaperFree Systems, Sterling Commerce, & New Era of Networks (NEON).
- In 1997 prior to the XML specification was complete; he introduced the concept of implementing the use of XML, registries and templates for business documents. He founded the XML/edi Group, a worldwide grassroots membership in the thousands to take his ideas to implementation. Today exchange of business information between collaboration partners with XML is the norm, and considered an industry best practice. He is co-author of WROX 'XML Professional'; published in English, German, and Chinese – Amazon top 100.
- Consultant to Data Interchange Standards Association - DISA.org on XML/edi strategy. Presented DISA's XML capabilities to Open Travel Alliance (OTA) and once as a member of Collaborative Services became interim Standards Manager. Setup architecture group and developed templates for deriving business objects, transaction sets and their cross-domain choreography. OTA is comprised of major airlines, hoteliers, car rental companies, leisure suppliers, travel agencies, global distribution systems (GDS), and technology providers.
- Consulting to Lockheed Martin, as Chief Engineer he was responsible for architecture and technical approach on the development of Virtual Prime Vendor project; extending SAP Enterprise Resource Planning (ERP) via XML/edi into a Supply Chain Management (SCM) on-line Internet-based procurement and strategic Decision Support System. Success on the Prime Vendor project led to consultant on internal research and development project in development of an Electronic Commerce Broker utilizing XML/edi, legacy and database interfacing, secure access, and proprietary knowledge management system.

- Furthering the concepts introduced, he was a driver in the development of the ebXML electronic business framework sponsored by UN/CEFACT and OASIS, coauthoring the architecture, registry/repository specifications and participating in the messaging group. Today ebXML is considered the business framework of choice by industry and many governments. He is co-author of WROX 'ebXML Foundations'.
- He was co-chair of the OASIS Business-Centric Methodology (BCM) committee, advancing declarative templates in providing the critical links between customer, business experts and technical counterparts while building a solid enterprise information architecture. To assist organizations in better understanding how to become netCentric, he extended the BCM with a conceptual model to aid the transformation toward an environment that fosters emergence. Prototyped GuidOn, a proposal to DoD CIO for transforming DoD to becoming more netCentric; a BCM Web-based Template-driven composition service combined with self-adapting navigation for collaboration.
- Other prototype development includes work for Defense Logistics Agency (DLA) and Defense Finance and Accounting Service (DFAS). Provided technical management direction of a DLA funded XML implementation team involving a complex mix of government, contractor and part vendors for DoD EMall in XML and wireless proof of concept. Consulting to DFAS Technology Group developed prototype interface between Intuit's QuickBooks and enterprise invoicing system (Web front-end via XML).
- On design team in developing Internet-based business marketplaces for AT&T and IBM. Bringing together private industry, Federal, State and Local governments trading opportunities for buyers and sellers. RFQ and purchasing transactions are translated and prepared in various electronic formats which can be searched, retrieved and processed.
- Project lead on the development and design of the Department of Energy's New Production Reactor Program's "Decision Support System." System linked for the first time at the Department cost-based and schedule-based models, allowing for a more effective program expenditure plan.
- Completed prototype of mainframe migration to an open systems platform for Federal Emergency Management Agency (FEMA), successfully planning migration strategy, performing requirements analysis, tool selection; both hardware and software, and implementation.
- Designed and developed a series of laser-based particle counters and network software to be incorporated in IBM's Very-Large Scale Wafer Fabrication (VLSWF) program. Design was accomplished in a record two months time.
- Designed and develop digital signal processing for Navy's first laser-based vision laser welding and cutting robot. This led to Product Manager when commercialized product was deployed to the U.S. auto industry as a non-contact measuring sensor on Cincinnati Milacron robots at assembly plants.
- As Test Technician; Group Leader brought prototype E2C Hawkeye passive detection system from engineering to production. Responsible for providing engineering support to operations; as well as presenting QA plans to customer and resulting in new business; EA-6B. Promoted to Associate Test Engineer Responsible for design reviews, production support, product selection and systems programming. Devised automated flexible manufacturing and test systems for several initiatives. Promoted to quality assurance proposal writing team; designed semi-automated proposal generator.
- Field Service Engineer; Japanese Electron Optics Laboratories (JOEL), USA. for high resolution transmission electron microscopes in southeastern region of United States.

SKILLS:

- Firm grasp of information management concepts, architecture, and governance
- Understanding of existing DoD business processes, capabilities and industry best practices for improvement of existing DoD operations.
- Honed ability to translate business requirements and models into feasible and acceptable designs
- Expertise in documenting, rationalizing, and normalizing processes in support of the development of automated information systems and business transformation
- Experienced in performing strategic assessments of the utility of systems, processes, policies, cost and directives using a structured approach to evaluate options, process solutions, and recommend the most effective course of action to meet the business objectives
- Know-how on reducing and eliminating duplicative data capture and system access activities and automating manual processes.
- Skilled in identifying standard data requirements, managing authoritative data sources, extracting relevant business rules, developing standard interfaces, and implementing enterprise-wide solutions.
- Competent in performing technology assessments and analysis of existing and proposed business system solutions; addressing requirements traceability, impacts of business process re-engineering, impacts to existing and proposed systems, identifying challenges between new or existing components, solving integration issues and making recommendations for problem resolution as needed to ensure compatibility.
- Know how to execute a methodology that enables the identification and validation of capability gaps/problems, development of solution analysis

EXPERIENCE: Since January 1998 Mr. Peat has been President of eProcess Solutions, providing consulting services. Previous consulting and employment includes:

- Booz Allen Hamilton, consultant
- QSS Group (now Perot Systems Corporation) consultant
- Engineering, Management & Integration Inc. (EM&I), consultant
- XML Global Technologies, consultant
- PaperFree Systems, Inc. [now Sybase], consultant
- Lockheed Martin Corporation, consultant
- WebCritical Technologies, consultant
- Mobil Oil Corporation, consultant
- Defense Personnel Support Center, consultant
- Data Broadcasting Technologies, Corp., consultant

- XML Global Technologies, Director of Consulting
- Datamatix, Inc. [now Digital Commerce], Systems Analyst
- PaperFree Systems, Inc. [now Sybase], Product Engineer
- Open Technology Group, Inc., Systems Analyst
- Advantage Systems Corporation [now Alexis], Product Manager
- Research and Management Technicians, Inc., Analyst
- Pacific Scientific - HIAC/ROYCO Division, Senior Electronics Engineer
- Cincinnati Milacron - Chesapeake Laser Systems, Product Manager
- Litton-Amecom Division, Associate Test Engineer
- Japanese Electron Optics Laboratories, USA Field Service Engineer
- T.E.S.S.T. School, Instructor; part-time

EDUCATION: T.E.S.S.T. School, Hyattsville, MD – Engineering Technology Certificate 1979

Certifications and other Courses: George Washington University microprocessor class; GENRAD, UML, Metis, System Architect - DoD Architectural Framework , Federal Communications Commission - General Radiotelephone Operator License - First Class

Citizenship: USA

Current Clearance: Secret