Randall Harkness

4820 Clipping Court

Louisville, KY 40241

Cell: (502) 387-3194

randall.harkness@gmail.com

SEEKING OPPORTUNITY

SAP R/3 contract as an Enterprise Resource Planning (ERP) Functional Consultant: QM, PP, PP-PI, MM, WM, and PM

PROFILE

* Senior, Platinum Level SAP Cross Applications Functional Consultant
* Business Process Expert
* Twelve (12) years Manufacturing Management as Foreman, Production and Inventory Control Manager, Materials Manager and Plant Superintendent
* More than thirty (30) years Information Technology experience: various roles ranging from Programmer/Analyst to Manager of Information Services for Coatings Business Unit in North America for a major chemical manufacturer.
* Over eighteen (18) years SAP R/3 experience: Business Blueprint, System Design and Configuration in the Quality Management (QM), Production (PP & PP-PI), Plant Maintenance (PM), and Materials Management (MM) and Warehouse Management (WM) module**s.**
* Thirty (30) years of ERP experience.
* More than forty (40) years of manufacturing coupled with SAP expertise, enables ability to make strategic business recommendations concurrent with the configuration of the SAP system.
* Outstanding Architect
* Dedicated, go-to business professional with excellent interpersonal and communication skills.

1. Discrete, lean, process & repetitive manufacturing environments with experience in Automotive, Chemicals and Diversified Foods / Food Processing Industry, Defense & Aerospace
2. Proven project management skills, and demonstrated ability in leading a team in the successful delivery of applied technology.
3. Taught SAP America Partner Academy PP (5-week) Certification course
4. ASAP Methodology, Gathering Business Requirements, Business Blueprinting (BBP), Gap Analysis, Course Design, Classroom Training, Documentation, Report Design, Design of Decision Support Applications, Supervision of ABAP/4 Programming Development, Data Loading from Legacy systems to SAP, Data Archiving, Query, Developer's Workbench, Data Browser
5. U.S. Citizen

PROFESSIONAL SAP EXPERIENCE

**Project: Gardner Denver/K2 Partnering/Quincy, IL**

SAP R/3 ECC 6.0 Platinum Level Consultant/Solution Architect

QM/PM/MM

(February 2014 – March 2014)

* Gardner Denver purchased Thomas Industries, and we were implementing the company SAP design in the three additional plants.
* The board of directors cancelled the project effective the week of March 15, 2014 to pursue an emerging opportunity related to the Russian invasion of Crimea with a better ROI.

**Project: Lubrizol/QMS/Cleveland, OH**

SAP R/3 ECC 6.0 Platinum Level Consultant/Solution Architect

QM/PM

(September 2013 – January 2014)

* Client employed their experienced, SAP QM, business users to design and implement additional functionality with leads for sample management, results recording, control charts, business warehouse data mining, and test equipment management.
* This project was unusual since I had no responsibility for the timeline or for the overall design. I simply provided consulting expertise as required for the various teams.

**Project: AKZO Nobel/Chicago, IL**

SAP R/3 ECC 6.0 Platinum Level Consultant/Solution Architect

QM/PP-PI/MM

(June 2012 – May 2013)

* Implemented SAP R/3 QM in chemical manufacturing plant in Itupeva, Brazil.
* Performed blueprinting, configuration, master data load, training, and post go-live support.

**Project: Unilever/QMS, Englewood Cliffs, NJ**

SAP R/3 4.7 Platinum Level Consultant

QM/PP/MM

(February 2011 – May 2012)

* Rolled-out SAP R/3 solution to twenty-five food and personal care manufacturing facilities across North America.
* Performed change management, blueprinting, configuration, master data load, training, and post go-live support.

**Project: Ryerson/R/3 Services, Lisle, IL**

SAP R/3 4.7 Platinum Level Consultant/Solution Architect

QM/MM/PP/PM

(March 2010 – November 2010)

* Ryerson has been on SAP for several years
* Was Solution Architect to add QM and PM functionality
* Lead design workshops and trained
* Configured QM and PM
* Created technical and functional design specifications
* Implemented SAP QM Notifications
* Implemented SAP QM inspection processing functionality for goods receipts from vendors, in-process, goods receipts from production, and equipment calibrations
* Implemented daily equipment verifications and calibrations using PM
* Made MM and PP Configuration changes to support an in-progress, custom, shop initiative

**Project: General Atomics (GA)/EdgeRock, San Diego, CA**

SAP R/3 ECC 6.0 Platinum Level Consultant/Solution Architect

QM/WM/MM/PP/DM/ECM/PM

(June 2009 – February 2010)

* Served as Solution Architect for GA, an Aerospace and Defense contractor.
* One GA Affiliate has been on SAP for 2.5 years. This SAP project reviewed and reevaluated current design implemented at the one Affiliate.
* Affiliate had implemented SAP modules MM, SD, FI, CO, PS, HR, Payroll, CATS, PP, QM, DM, and WM modules. It also uses BW.
* Used excellent leadership and communication skills, working effectively in a team environment.
* Worked with Project Manager to identify and mitigate risks and resolve issues.
* Systematically evaluated all the processes that had been implemented and made recommendations for improving and streamlining current design.
* Performed Technical Lead responsibilities for the Gap Analysis for the two affiliate companies (both are Aerospace and Defense manufacturing companies). In conjunction with the Business Analyst and other team members, developed flowcharts of current processes and proposed processes in SAP.
* The additional two affiliates are currently on two different non-SAP ERP systems and this project involved a systematic analysis of all their current processes and prototyping of how their processes will be done on SAP.
* The goal was to develop as many common processes across all three companies as practical.
* Developed prototypes of the processes in SAP and wrote blueprint documents and configuration documents.
* Lead functional workshops on the proposed processes in SAP.

**Project: AKZO Nobel/Tahoe Partners, Chicago, IL**

SAP R/3 ECC 6.0 Functional Lead QM

(September 2008 – March 2009)

AKZO Nobel, a Swedish-Dutch chemicals and paints company, purchased British company, ICI. The Chemicals Business Unit (BU) project merged two ICI manufacturing facilities and several warehouses into their SAP ECC 6.0 instance.

Chattanooga, TN facilities were migrated from SAP Version 3.1I and Salisbury, NC was migrated from SAP Version 4.6C.

* Project was on-time and within budget
* Configured QM and Batch Management
* Extracted Master Data from 3.1I and 4.6C SAP Tables
* Provide guidance for Data Scrubbing
* Created LSMW (Legacy System Migration Workbench) and CATT (Computer Aided Test Tool) scripts and loaded Master Data into ECC 6.0
* Created Training and End-User Manuals
* Provided training and support

**Project: Mercedes-Benz/Telesto, Tuscaloosa, AL**

SAP R/3 4.7 Project Manager WM

(April 2008 – August 2008)

* Provided leadership and guided project.
* Design included barcode scanner transactions to perform goods receipts, put away, bin-to-bin material transfers, system guided stock picking, cycle counting and periodic physicals.
* Used standard Function Modules and Customer Exits in WMS for scanner transactions.
* Kanban

**Project: BKI/NDS, Memphis, TN**

SAP R/3 4.7 Consultant SD/MM/PP/WM/QM

(April 2007 – February 2008)

BKI is a spinoff of Procter & Gamble and already running SAP 4.7. I served as Architect to Facilitate, Blueprint, Configure, Guide Programmers (including xMII), Train and Support. Provided enhancements and solutions to issues and business process failures. Some of the processes I implemented include:

* Sales Availability Check
* Shipping Availability Check
* Handling Units
* Demand Management with Planned Independent Requirements
* Planning Materials
* Active Ingredient Management
* MRP
* Process Orders
* Warehouse Management
* Using xMII, created interface from LIMS to Batch Management and Process Order Confirmations

**Project: Rolls-Royce/EDS/K2 Partnering, Indianapolis, IN**

SAP R/3 4.7 Consultant QM/PM

(January 2007 – March 2007)

Rolls-Royce Global Convergence Project converted all locations to a single SAP instance with a goal of one global, common set of business processes to enable improved corporate efficiency, data/process-management reporting consistency, and lower costs. This project is considered a giant step in becoming a globally run company with the achievement of customer and shareholder satisfaction.

U.K., U.S. and Canada (R/3 release 4.6C) were converged on one SAP system running SAP R/3 Enterprise, Release 4.70.

Indianapolis specific business processes were migrated to the International template. Responsibilities included work requests and enhancements related to SAP R/3 QM and PM. Performed configuration, migrated data, created ABAP specs for custom development, wrote unit/integration test scripts and performed testing.

Microsoft SharePoint was used for collaboration and document management.

**Project: Matthews International/Titan Consulting, Richmond, IN**

SAP R/3 4.6C Project Manager FI-CO, MM, PP-PI and SD

(February 2006 – December 2006)

* Implemented corporate SAP design, which included FI-CO, MM, PP and SD at Milso (a newly acquired company).
* Mapped business processes to design.
* Identified legacy data and loaded in SAP.
* Made adjustments to configuration as required.
* Delivered Training
* Accomplished implementation on time and within budget.
* Provided post go-live support.

**Project: U. S. Army/CSC/Bearing Point/MyITgroup, Moorestown, NJ**

SAP R/3 4.6C Consultant QM, PP, PS, MM, ASAP Methodology

(December 2003 – February 2006)

U.S Army Logistics Modernization Program (LMP) efforts are focused on modernizing the U.S. Army Materiel Command (AMC) at the national level. LMP will provide agile, reliable and responsive services by leveraging best practices and technology that enable AMC to deliver world-class logistics and readiness to the warfighter.

The goal of the modernization effort is to reengineer the current national level logistics business processes, facilitated by SAP, to provide integrated, seamless, flexible information management services in support of the Army's logistics mission. The goal is not to just enhance the current process, but rather to employ creative solutions that best leverage commercial technological advantages; i.e., the modernized services will leverage the advantages of using commercial software with large customer bases. The intent is to achieve a functional architecture capable of meeting immediate business requirements, as well as having the flexibility to accommodate emerging requirements while evolving with the commercial marketplace. This will result in quantifiable improvements in materiel management, weapon systems management, customer service levels, and readiness.

This program is one of the largest SAP implementations undertaken and considered by SAP to be top-5 worldwide in complexity and criticality. In addition to the Modernization component, which focuses on realization of the to-be SAP solution, the program also includes sustainment of the major legacy applications that will be replaced by the modernized solution. Total program staff exceeds 600 resources.

I am working on the Computer Sciences Corporation (CSC) Team from Bearing Point/MyITgroup as a SAP QM, PS, PP, MM Functional and Training Consultant.

**Assignments**

* LMP IBTO Master Production Scheduling (MPS):
  + Developed “best practice” course for *Maintaining Inventory Accuracy*.
  + Developed “best practice” course for *Maintaining Order Accuracy*.
  + Delivered training to Tobyhanna Army Depot.
* LMP 2nd Deployment Expert User Program (EUP):
  + EUP Lead for QM, PS and PP at Letterkenny Army Depot.
* LMP 2nd Deployment Training Team:
  + As Lead, managed and "owned" the training courses for the QM, EHS and HR portion of the LMP training solution.
  + Provided daily metrics on course development.
  + Configured/Corrected Training System environment.
  + Ensured exercises for the solution are complete and functional.
  + Wrote training content, which included procedures, job aids, quick references, process flows, simulations, exercises, lesson plans, etc.
  + Ensured data requirements were accurate and loaded data in the training client.
  + Transferred knowledge to instructors and other project personnel and incorporated their feedback.
  + Conducted classroom instruction.
  + Adhered to schedule to ensure delivery of course material.
  + Provided first line of support to instructors for LMP solution.
  + Worked with Curriculum Development Lead to manage scope and modify course material based on feedback from functional teams and government Subject Matter Experts (SMEs).
* U.S. Army Industrial Base Task Order (IBTO):
  + As QM Lead, visited and analyzed business processes and procedures at U.S. Army depot sites at Corpus Christi, TX; Red River, TX; Anniston, AL and Letterkenny, PA in preparation for the blueprint.
  + Prepared QM blueprint and assisted with MM blueprint using ASAP Methodology for Logistics Modernization Program (LMP).

**Project: Visteon/Ernst & Young/Compuware, Durant, MS, Industry Solution (IS) - Automotive**

SAP R/3 4.6C Consultant MM, PP, SD

(May 2003 – August 2003)

* At Visteon’s new plant in Durant, MS supplying automotive assemblies to Nissan and Visteon in Canton, MS, identified and resolved major physical inventory issues surrounding a 50% production capacity leading to building 400 new vehicles per day.
* Performed analysis, identified the issues/gaps, prepared an action plan, and designed/delivered training.
* Effected functionality changes in MM, PP and SD, which included Scheduling Agreements, Inbound Deliveries, Goods Receipts, Backflushes, Kanban, Repetitive Manufacturing, Transfer Postings, Physical Inventory, Inventory Management, MRP, Control Cycle Maintenance, Outbound Deliveries, JIT Monitor, EDI, Product Cost Collectors and BOMs.
* Added three (3) major transactions – two in PP and one in MM.

**Project: Sara Lee Bakeries/R/3 Services, St. Louis, MO**

SAP R/3 4.6C Team Lead QM, WM

(October 2002 – April 2003)

* Configured and implemented QM in procurement, Document Management System, quality notifications, results recording, usage decisions, vendor audits, reporting and evaluations using ASAP Methodology and international standards defined in the guidelines on Good Manufacturing Practices (GMP) for the pharmaceutical and food-processing industries.
* Used QuickTest Professional to load legacy, master data into SAP and OnDemand to create tutorials and training documentation.
* Performed analysis and created ABAP/4 program designs.
* Facilitated training classes.
* Assisted reconfiguration of functionality in Warehouse Management (WM) to support QM.

**Project: Degussa and Dopaco/ICM America, Philadelphia, PA**

SAP R/3 4.6C Consultant QM

(August 2002 – September 2002)

* Provided temporary training assistance to two clients of ICM America
* Designed and delivered training courses in QM version 4.6c.
* Delivered an eight-day course at Dopaco.
* Delivered nine days of QM training at Degussa in Mobile, AL.
* Both courses were very successful and well received.

**Project: Century Aluminum/ APAR Infotec, Hawesville, KY**

SAP R/3 4.6C Team Lead PM, PP-PI, QM

(November 2001 – July 2002)

* Evaluated and blueprinted the new Plant Maintenance design.
* Recovered and mapped data from legacy, FoxPro applications to SAP including Functional Locations, Equipment, hierarchies, Bill of Material, Maintenance Plans, Maintenance Orders and Maintenance Plans.
* Created CATT Scripts and programmatically loaded the FoxPro master data into the SAP design.
* Created multi-dimension maintenance strategies.
* Consolidated three plants from an earlier disjointed implementation in which each department was operating as a separate plant, into one integrated plant by rearranging all Master Data.
* Configured Production Planning and Execution (PP-PI), Quality Management (QM), and migrated the data from three plants into one plant.
* Delivered oral and written presentations.

**Project: Astaris/ComSys, St. Louis, MO**

SAP R/3 4.6C Team Lead QM, PP-PI, PM, MM, WM, ASAP Methodology

(May 2000 – August 2001)

* Quality Management (QM) Team Lead for full lifecycle implementation.
* Used international standards defined in the guidelines on Good Manufacturing Practices (GMP) for the pharmaceutical and food-processing industries.
* Assumed PP-PI Team Lead role and provided a smooth transition to the new PP-PI Team Lead. Project included Batch Management, MRP, Demand Management and master data such as Recipes, Work Centers and Bill of Material.
* Utilized Plant Maintenance (PM) for equipment calibration and equipment inspections.
* The project created one computing system to merge corporate activities and multiple plants for the new company formed as a joint venture between FMC and Solutia (spun-off from Monsanto).

**Project: Nokia/IT Services, Toronto, Ontario, Canada Upgrade**

SAP R/3 4.5B Team Lead PP

(January 2000 – March 2000)

* Member of cross-functional team.
* Updated training documentation preparing for the 4.5b upgrade.
* Designed and delivered 4.5b training classes to the users, provided post-implementation support and resolved open issues.
* Provided subject matter expertise for Production Planning (PP) including MRP, Production Control, Demand Management, Master Data and Capacity Planning.

**Project: Shultz Foods/NanoByte, Hanover, PA**

### SAP R/3 4.0B Team Lead QM, PM, PP, ASAP Methodology

(June 1999 – December 1999)

* Utilizing R/3 4.0b and ASAP Methodology, configured Quality Management (QM).
* Utilized international standards defined in the guidelines on Good Manufacturing Practices (GMP) for the pharmaceutical and food-processing industries.
* Defined master data requirements, loaded data using CATT scripts and Excel spreadsheets.
* Created user documentation and conducted end user training.
* Configured problem management with quality notifications, quality certificates using SAPScript for Sales and Distribution (SD) deliveries, inspection plans, automatic inspection lot creation for deliveries, purchase order receipts, and production orders.
* Configured Plant Maintenance (PM) for equipment calibrations and equipment inspections.
* Engaged post go-live to re-configure and re-implement Production Planning (PP) as original QM consultant was unable to implement Quality Management due to the original PP design and blueprint.
* Rearranged master data to improve PP operations as well as implemented QM.

**Project: Nalco Chemical/Spearhead, Naperville, IL**

### SAP R/3 3.0F Consultant PP-PI

(December 1998 – February 1999)

* Configured PP-PI and created/modified master data for interface with in-house Process Control System for shop floor integration with SAP.
* Developed and wrote documentation
* Provided training for Nalco's Visual Basic programmer to establish communications between SAP and Visual Basic.

**Project: SAP Partner Academy/Spearhead, Oak Brook, IL**

SAP R/3 4.0 Instructor PP

(January 1999 – February 1999)

* Requested by SAP America to teach Production Planning (PP) at Partner Academy.
* Using release 4.0 curriculum, provided specific training and product support to fellow consultants required to pass the certification examination.

**Project: Coca-Cola/Ernst & Young/CDI Information Services, Atlanta, GA**

### SAP R/3 3.0F Consultant QM, PP-PI, MM

(September 1997 – September 1998)

* Worked on the team at corporate headquarters to help establish a support organization for additional plants as they go live on SAP. Used Ernst & Young's Fusion Methodology.
* Configuration, master data, implementation and support of PP-PI, QM and MM.
* Utilized international standards defined in the guidelines on Good Manufacturing Practices (GMP) for the pharmaceutical and food-processing industries.
* Provided post-implementation support to Lehigh and performed various projects.
* Designed prototype, configured, and tested Warehouse Management.
* Configured SAP for multiple-plant environment for fountain manufacturing and proved supply-chain, business processes.
* Provided analysis and design for ABAP/4 reports and decision support. Worked with programmers using the ABAP/4 Workbench. Used SAP Query to write reports.
* Re-configured PP-PI because the initial IBM system sizing study did not provide adequate resources since it did not properly account for PP-PI.
* Provided analysis to improve utilization of system resources.

**Project: Coca-Cola/Ernst & Young/CDI Information Services, Lehigh, Pennsylvania**

### SAP R/3 3.0F Consultant QM, PP-PI, MM

(April 1997 – September 1997)

* Worked on team to Configure and implement SAP R/3's, version 3.0F, PP-PI, MM and QM, which included master data, training documents, and training. Used Ernst & Young's Fusion Methodology.
* Automated manufacturing, integrating SAP with shop floor control systems utilizing Sequentia (formerly PID) as the middle-ware interfacing to Process Logic Controllers (PLCs).
* Utilized international standards defined in the guidelines on Good Manufacturing Practices (GMP) for the pharmaceutical and food-processing industries.
* A newly constructed plant, Lehigh was brought live on SAP in August 1997. I was on-site to provide go-live and post-implementation support.

**AKZO Nobel, Columbus, OH**

**SAP R/3 3.0F Team Lead PP, QM, MM**

**IS Manager**

**(August 1996 – October 1996)**

* Business Unit decision-makers wanted to be assured that a SAP implementation could be done on time and within budget. The prototype for the roll-out had to be completed in 10 weeks, and the design had to realize goals as prescribed by our "Order Fulfillment" chain study produced by the 15 member cross-functional team organized at the plant level in Columbus. The project included modules MM, PP, SD, FI, CO, and QM. Used CPG's Methodology.
* Served on the configuration team using the Implementation Guide (IMG) to configure the organizational structure.
* Served as team lead to configure, prepare master data, and model the business processes for Material Management (MM) and Production Planning (PP) including material masters, bill of materials, routings, work centers, QM data, vendor data, production orders, purchasing, receiving, MRP, capacity planning, and physical inventory.
* The prototype was immensely successful completing on time and within budget. Customer was extremely pleased and the prototype was approved March 1997 for rollout to all plants.

**AKZO Nobel, Louisville, KY**

**SAP R/3 3.0F & 2.2 Consultant**

**IS Manager**

**(September 1995 – August 1996)**

* While working for AKZO Nobel Information Services, a separate legal entity from AKZO Nobel Coatings, provided consulting and operational services to several Business Units (BU) from offices in Louisville, Kentucky and Troy, Michigan.
* Began in-house training on SAP R/3 version 2.2 in September 1995.
* Commenced formal training from SAP in March 1996 on version 3.0.

PROFESSIONAL NON-SAP EXPERIENCE

AKZO Nobel (acquired Reliance Universal) Louisville, Kentucky

**North American Information Services Manager** 1993 to 1997

Coatings Business Unit.

Windows programming (Access, C++, C, and Visual Basic). Provide programming, business consulting, integration services, hardware installation/support, LAN services (Novell). Support/install Computer Associates PRMS (AS/400 and RPG/400) and R Shriver/Cardinal/In-house (HP 3000/ COBOL) business packages for twenty manufacturing facilities distributed across North America. Responsible for two offices that provide services (Louisville, KY and Troy, MI). Provide leadership to transition Information Services from a corporate staff function to a separate entity selling competitive services to the business units. I was responsible for the design of service offerings as well as budgets and pricing.

AKZO Nobel Louisville, Kentucky

**North American Information Services Manager** 1990 to 1993

AKZO Nobel acquired Reliance Universal. Provide programming, business consulting, integration services, hardware installation/support, LAN services (Novell), RSA/Cardinal/In-house (HP 3000/COBOL) business packages for twelve manufacturing facilities distributed across North America. Designed, created, and implemented Purchasing and Receiving System. I was promoted.

AKZO Nobel Louisville, Kentucky

**Senior Programmer/Analyst** 1988 to 1990

Designed, programmed, and implemented Physical Inventory, Finished Goods Management, Master Scheduling and MRP. Installed integrated business package in twelve manufacturing facilities (HP 3000, MPE/IX, and COBOL). I was promoted.

AKZO Nobel Louisville, Kentucky

**Programmer/Analyst** 1984 to 1988

Designed, programmed, and installed Material Safety Data Sheets, Capacity Planning, MRP, Laboratory Management System (Honeywell GCOS / COBOL). Promoted to the corporate office.

AKZO Nobel Louisville, Kentucky

**Total Quality Management Facilitator** 1986 to 1988

TQM Facilitator position was concurrent with programmer/analyst duties.

Self-employed Louisville, Kentucky

**Contract Programmer** 1982 to 1983

Vermont American Louisville, Kentucky

**Plant Superintendent** 1981 to 1982

Tube Turns Louisville, Kentucky

**Machinist** 1979 to 1980

Hobart Savannah, Georgia

**Materials Manager** 1977 to 1979

This was a start-up of a new production facility.

ITT Grinnell Princeton, Kentucky

**Production and Inventory Control Manager** 1974 to 1977

As foreman, supervised fifty union employees.

Ford Motor Company Louisville, Kentucky

**Foreman** 1969 to 1974

Material Handling foreman at new plant start-up.

FORMAL SAP TRAINING

* JSL10 Logistics Introduction (10 days)
* LO260 MM Variant Configuration (5 days)
* LO210 Master Planning (4 days)
* LO910 Configuration and Organization (2 days)
* LO911 Logistics 2 (1 day)
* LO955 Batch Management (2 days)
* LO060 Process Manufacturing (5 days)
* LO250 Configuration and Organization in Manufacturing (5 days)
* LO305 Master Data for Process Manufacturing (3 days)
* LO230 Capacity Planning (3 days)
* LO315 Process Management (3 days)
* LO310 Detail Functions in Process Orders (3 days)

EDUCATION

Jefferson Community College (University of Ky.) Louisville, Kentucky

**Computer Science** 1982-1983

University of Louisville Louisville, Kentucky

**Bachelor of Science in Business Administration** 1974

Western Kentucky University Bowling Green, Kentucky

**Business Administration** 1967-1969