

# Kevin Wilson

## Principal SAP Solution Engineer

Supply Chain, Traceability (EM, GTT, GBT), Workflow, ABAP, EDI, TM, IoT, BlockChain



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Profiles: [LinkedIn Profile](#) (See references) | [SDN Author Profile](#) | [Amazon Author Profile](#)

Author of the following books:

[“A Quick Guide to SAP NetWeaver XI: A Comprehensive BPM Process”](#) (2007)

[“SAP Event Management – SAP’s best kept secret...”](#) (2010)

[“SAP Event Management – Still SAP’s best-kept secret...”](#) (2016)

## SUMMARY

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Kevin Wilson is a Principal SAP Solution Engineer with a primary focus on optimizing Supply Chain processes by leveraging automation and processing monitoring tools. He is an expert in several SAP modules but most recently in SAP Event Management, SAP Global Batch Traceability and SAP Global Track and Trace.

Since 1996 he has utilized these technical and functional skills to help many companies optimize their Supply Chain processes. Kevin is an active leader in the SAP community as the Influence Council representative in SAP Event Management, working together with users and SAP to help better the product. He also moderates the SAP SCN traceability forum and is a very active thought leader in the Blockchain, Transportation, Traceability and EDI areas.

Kevin speaks regularly at user group meetings and at conferences and has spoken in Massachusetts, Georgia, Florida, Nevada, Illinois, Pennsylvania, Czech Republic, Brazil, South Africa and France. He regularly gives webinars and training sessions to users on all topics in his area of expertise including SAP Event Management, SAP EM / TM Integration, SAP IOT, SAP Blockchain, SAP GTT, SAP Workflow, SAP EDI / ALE / ABAP.

Kevin runs several SAP related on-line communities including [ERPGenie.COM](#) and [EDIGenie.COM](#).

## EDUCATION

- Bachelor’s Degree - Computer Science, Mathematics (1990 - University of the Witwatersrand, South Africa)
- Diploma in Project Management (1995 - Cum Laude – School of Project Management, South Africa)

## SKILLSET

- **SAP EM** (SAP Event Management) design, configuration and development with 15+ implementations (since 2006). Expert in SAP EM / TM integration
- **SAP TM** (Transportation Management) – Completed 2 integrations between TM and EM
- **SAP GTT** (Global Track and Trace) – Beta testing with SAP GTT development architect
- **SAP OER** (Object Event Repository) – Product Tracking & Authentication with 2+ implementations
- **SAP GBT** (Global Batch Traceability) with internal SAP training
- **EDI** / IDoc config, development, installation and mapping with 8+ full cycle implementations (since 1999)
- **ALE** config and development with 5 full cycle implementations. “ALE”ing since 1996
- **ABAP**, IDocs, dialog, reports, BAPIs, control framework, ... “ABAP”ing since 1996
- **Workflow** setup, development and configuration. Development of custom roles, workflow templates, workflow related reporting, objects, methods, ... “Workflow”ing since 1996
- **SAP NetWeaver PI** interfaces with 1 full cycle implementation
- Functional areas, including SAP TM, LE, BW, SD, MM, FI / CO, QM, WM, AFS (2 projects)
- **Project Management / Team Lead** – Almost all roles were in the PM / lead role

## INDUSTRIES

- |                 |               |                  |                  |
|-----------------|---------------|------------------|------------------|
| • Utility       | • Consulting  | • Hi-Tech        | • Railcar        |
| • .COM          | • Defense     | • Retail         | • Transportation |
| • Logistics     | • AFS         | • Services       | • Mining         |
| • Manufacturing | • Warehousing | • Pharmaceutical |                  |
| • Aerospace     | • Brewing     | • Wholesale      |                  |

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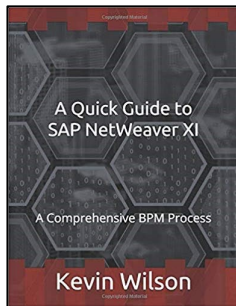


## ACCOMPLISHMENTS

- See personal “ERPGenie Founder [BLOG](#)”

## PROFESSIONAL WRITING

- [Amazon Author Profile](#), Author of the following books:



[A Quick Guide to SAP NetWeaver XI: A Comprehensive BPM Process](#)

published in 2007



[SAP Event Management – SAP's best kept secret...](#)

published in 2010



[SAP Event Management – Still SAP's best-kept secret...](#)

published in 2016

- Author of many whitepapers and articles covering topics including SAP [development](#), ALE, [GTT](#), [EM](#), [TM / EM](#) Integration, Workflow, [EDI](#), [consulting](#), project management, [Blockchain](#), ...

## SPEAKING ENGAGEMENTS

- Presented ALE paper at international ALE user group in Boston, 1998
- Presented several sessions at ASUG and SAP Insider Conferences (USA, Europe and South America)
- Presented 3hr boot camp session on “Serialized Track and Trace” - SAP Insider SCM conference (2012)
- Keynote speech on SAP IOT, Blockchain and Supply Chain Traceability at Mastering SAP Supply Chain Conference (2019) – South Africa

## PROFESSIONAL COMMUNITY PRESENCE

- Co-Founder (1999) and webmaster of an extensive SAP portal ([ERPGenie.COM](#)) providing practical information to fellow SAP and ERP consultants. Kevin's focus is on education and knowledge sharing
- Founder of the [SAP EM LinkedIn Forum](#)
- Founder of the [EDI LinkedIn Forum](#) (3,300+ members)
- Established and moderator of the [SCN SAP EM forum](#)
- Moderator for the [SCN SAP EM wiki](#)
- Chairperson of the SAP Event Management Influence Council, 2008
- Co-chairperson of ALE User Group (South Africa), 1998
- Member of the Computer Society of South Africa, 1998

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## PROJECT EXPERIENCE

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- 07/19 – present**                      **Energy Drink – Red Bull**                      **Austria**  
*SAP EDI / PI Test Lead*  
Leading the initiative to test all customer facing EDI messages moving on to the SAP NetWeaver PI platform.
- 06/19 - present**                      **Wholesaler for hospitality industry – HD Supply**                      **Atlanta, GA**  
*SAP Event Management (EM) and EDI Solution Architect*  
Providing SAP EM and EDI configuration and development via web services.
- 07/19 – 08/19**                      **Brewery – Miller Coors**                      **Milwaukee, WI**  
*SAP EM Design Review*  
Reviewing the current SAP TM, SNC, ECC, EM design for accuracy, performance and efficiency improvement opportunities. Main focus was looking at improving SAP TM performance.
- 07/19 – 08/19**                      **Hight-Tech – Apple**                      **Cupertino, CA**  
*SAP EM Design Review*  
Reviewing the current SAP EM architecture to identify areas for improvement.
- 01/18 – 06/2019**                      **Garment Rental Services – Cintas (AFS)**                      **Mason, OH**  
*SAP EM Architect, Configurer and Developer*  
Designed and implemented several new improvements in the PTP / OTC / CRM processes. Adjusted SAP EM to stabilize and improve performance of event postings (61% overall improvement in performance).  
*SAP EDI Advisor*  
Principal advisor on EDI strategy including team composition, translator selection and overall EDI strategy
- 05/17 – 12/18**                      **Innovation COE Initiative (SAP and Mouri Tech)**                      **Dallas, TX**  
*Project Manager, Thought Leader, Designer and Developer*  
Spearheading 2 separate Proof of Concept (POC) initiatives to integrate new SAP technologies with each other to provide a 21<sup>st</sup> century experience in the product traceability space. Leveraging SAP EDI, SAP Event Management, Internet of Things sensors and SAP BlockChain.
- 11/18 – 06/19**                      **Aircraft Manufacturer - Gulfstream**                      **Savannah, GA**  
*SAP EM Architect, Configurer and Developer*  
Led a team that implemented a track and trace POC between an IOS device and SAP Event Management
- 05/17 – 12/17**                      **Oil & Gas - BP**                      **Houston, TX**  
*Program Manager and Thought Leader- Supply Chain Optimization*  
Led 2 teams bringing about changes to people, process & technology for the Supply Chain in the operations business.
- 01/17 – Present**                      **Software - SAP**                      **Remote**  
*SAP Global Track and Trace (GTT) Architect*  
Attended 2 workshops, driven by SAP, on SAP GTT to learn more on GTT & provide input / feedback on the product.  
Worked directly with the SAP solution architect for SAP GTT out of Walldorf on the beta version of the product.  
Provided detailed analysis and feedback on the product and gaps for use in making the product better.

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- 12/15 – 05/17**                      **Software - Microsoft**                      **Seattle, WA**  
*SAP Event Management (EM) Architect*  
Designed and implemented a serialized Track and Trace solution with SAP EM.
- 01/13 – 05/17**                      **High-Tech - Apple**                      **Cupertino, CA**  
*SAP Event Management (EM) Architect*  
Provide SAP EM architectural knowledge to design the required solutions. Mentored and educated the on-site SAP EM consultants. Co-ordinated on-site resources to deliver desired results on time and within budget.
- 01/16 - 06/16**                      **Defense – US Navy**                      **Remote**  
*SAP Project Manager*  
Led the team to review new system capabilities.
- 01/16 - 05/17**                      **Wholesaler for hospitality industry – HD Supply**                      **Poway, CA**  
*SAP Event Management (EM) and EDI Solution Architect*  
Designed web services to extract data from SAP EM to display to the end customer via a web interface. Put together the FDS and Configuration documents to enable the enhanced customer status visibility for the client.  
Leading the effort to bring EDI carrier status notification visibility to the Procure to Pay process by leveraging SAP Logistics Execution, EDI and SAP EM technology.
- 06/14 – 05/15**                      **Bookstore - Indigo**                      **Canada**  
*SAP Event Management (EM) Architect and EDI Architect*  
Designed and implemented a transportation Track and Trace solution incorporating EDI carrier status notifications (Bookings, Shipments, Containers) in to the SAP EM suite. Integrated the solution with the PO to GR process, also tracked through SAP EM. Co-ordinate remote resources to deliver desired results on time and within budget.
- 06/10 - 01/15**                      **Wholesaler for hospitality industry – HD Supply**                      **Poway, CA**  
*Enterprise Architect, SAP EDI Lead, SAP Workflow Lead, SAP EM Lead, Designer, Configurer, and Developer*  
Implemented SAP Event Management procurement visibility process, Order to Cash, Delivery, Invoice, and Production Order tracking Event Handlers. Provided direction and advice to client on the processes, technologies and techniques to employ, to help achieve business goals. Created training material and delivered training on SAP EM, IDoc and EDI development, Workflow development and design, and ABAP debugging tips and tricks.  
Managed and architected 2 projects in the SAP EDI area. 1 project dealt with Supplier EDI ensuring that standard processes were being adopted by the business and IT (associated documents 850, 855, 856, 810, 824, 864, 870). The 2<sup>nd</sup> project dealt with bringing a 3PL warehouse in to the mix (associated documents: 856, 944, 940, 945)
- 01/13 – 05/17**                      **Consulting Services - SAP and Q Data**                      **Naperville, IL**  
*SAP Global Batch Traceability Implementer*  
Attended the “by invitation only” SAP GBT workshop in Newtown Square provided by SAP’s product development team. Installed and implemented SAP GBT on the Reveal servers.
- 11/13 – 12/13**                      **Pharma - Roche**                      **Switzerland**  
*SAP Event Management (EM) and OER Architect*  
This was a 6 week POC project to show whether SAP EM was a good fit for the business need. Designed the SAP EM solution by running workshops with the business users to extract requirements and convert those in to our SAP EM Design template. Completed the 6 week POC on time and in budget.

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**9/13 – 9/13**

**Pharma - Perrigo**

**Michigan**

*SAP Architect (SAP OER and All)*

Conducted a 1-week review of current SAP OER and All design. Guided the client towards a standard solution providing a path forward to resolving found issues.

**04/13 – 08/13**

**Bottling Services – Coca Cola Amatil**

**Sydney, Australia**

*SAP Event Management (EM) Architect, Configurer and Developer*

Designed the SAP EM solution for providing visibility to shipments through integration with ECC and the handheld devices of the drivers. This solution made the first use of the SAP EM 9.0 map functionality using SAP Visual Business. Kevin was the SAP assigned ramp-up coach for the SAP EM 9.0 implementation and completed the needed SAP ECC shipment configuration.

**01/13 – 05/17**

**Dairy equipment manufacturer - DeLaval**

**Glinde, Germany**

*SAP Event Management (EM) Support*

Provide ongoing support for the current customized SAP EM application as part of our Support On Demand offering. Co-ordinate remote resources to deliver desired results on time and within budget.

**03/12 - 12/13**

**Railway - CPR**

**Calgary, Canada**

*SAP Event Management (EM) Architect*

Assisted CP with their SAP EM architectural design around the integration of SAP Transportation Management 9.0 and SAP EM 9.0. The solution covered using SAP EM to address the billing of customers for assessorial charges. In addition – Supported and educated team on SAP TM / EM integration and visibility processes

**06/11 - 03/12**

**Micro Chip Manufacturer (Top 100 of Fortune 500)**

**San Jose, CA**

*SAP Event Management (EM) Architect, Designer*

Implement enhanced SAP Event Management outbound delivery visibility process made available through the configured SAP EM Web UI. Created training material and delivered training to team on SAP EM development.

**11/12 - 11/12**

**Dairy equipment manufacturer - DeLaval**

**Glinde, Germany**

*SAP Event Management (EM) Architect*

Retained by DeLaval to review the current SAP EM implementation and provide an assessment of where things could be improved and to scope out a potential upgrade from SAP EM 5.1 to SAP EM 7.01 or SAP EM 9.0.

**03/12 - 03/12**

**3 PL - Linfox**

**Melbourne, Australia**

*SAP Architect*

Assisted Linfox with their SAP architectural design around the integration of SAP TM 8.1 and SAP EM 7.01. The solution will address the gaps in being able to apportion out and charge the relevant applicable fees.

**08/10 - 03/11**

**Micro Chip Manufacturer (Top 100 of Fortune 500)**

**Chandler, AZ**

*SAP Event Management (EM) Architect, Designer, SAP Workflow Developer, EDI Architect*

Implement enhanced SAP Event Management procurement visibility process, including inbound delivery, invoice receipt and carrier tracking (EDI 214) Event Handlers. Created SAP EM development training material and delivered training to team

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**06/09 - 06/10**

**IT Assembler / Manufacturer - Amkor**

**Chandler, AZ**

*SAP ABAP and Workflow Developer*

Developed the following objects: Workflow templates, rules, business objects, classes, function modules, BAdIs, program to call ABAP proxy – All in the FICO space / revenue recognition

**06/08 - 02/09**

**Micro Chip Manufacturer (Top 100 of Fortune 500)**

**Chandler, AZ**

*SAP Event Management (EM) Architect, Designer, Configurer, and Developer*

Implemented the RTI and PTA scenario on an Object Event Repository (OER) instance interfacing via XI to All and the EPCIS capture interface. Also implemented the outbound delivery visibility process.

**10/08 - 02/09**

**Los Angeles based Movie Studio – Warner Brothers**

**Burbank, CA**

*SAP Event Management (EM) Architect, Designer, Configurer, and Developer*

Implemented Purchase to Pay and Order to Cash scenario. Trained functional consultants on SAP EM functionality and the ABAP consultants on how to code in the SAP EM space whilst providing architectural solution guidance. Integrated PTP SAP EM process with outbound EDI (related EDI messages: 850)

**06/08 - 07/09**

**Shoe Manufacturer – Asics (AFS)**

**Irvine, CA**

*SAP Event Management (EM) Project Manager, Architect, Designer, Configurer, and Developer*

Implementing a new end-to-end order to cash visibility process covering events in the Sales Order, Delivery, Shipment, Purchase Order, Goods Receipt, Acknowledgement, Invoice, Accounting document. Used the SAP EM AI, BAPI call and IDoc to interface with SAP EM. Developed custom report to interface with the SAP EM data. Also implemented the Web Dynpro UI to SAP EM.

*SAP EDI Project Manager, Designer, Configurer, and Developer*

Some current EDI functionality is trapped in a custom made system. I was responsible for bringing these transactions out and into SAP by using EDI IDoc, dialog module and workflow techniques (related EDI messages: 850, 855, 860, 856, 810, 940, 888, 832, 846, 870, 816, 812). As project manager I was responsible for ensuring the projects were implemented, testing was conducted, training was delivered and solution was implemented. As new users of workflow I had to establish a workflow culture at the client.

Delved deeply in to SD and LE AFS structures at a functionality, table and IDoc segment level.

### SUMMARY PRIOR TO 2008

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1. 2008: Linon (Furniture Manufacturer) – SAP EDI Lead, Designer
2. 2007: Eclipse Aviation (Aircraft Manufacturer) – SAP EM Trainer
3. 2003 – 2008: Insight Enterprises (Electronics VAR) – SAP EM / EDI / Workflow / PI Lead
4. 2003 – Current: Maisto (Toy Car Manufacturer) – SAP SD, WM, EDI, ABAP
5. 2002 – 2003: Eclipse Aviation (Aircraft Manufacturer) – SAP Workflow
6. 2002: Wella Corp. (Shampoo and Cosmetics) – SAP EDI
7. 2001: Dallas European (Spare Auto Parts) – SAP ABAP
8. 2001 – 2002: Northrop Grumman (National Defense Contractor) – SAP EDI / ITS
9. 2001: Taiyo Yuden (Microchip Manufacturer) – SAP EDI / ALE
10. 2000 – 2001: iLogistics (Logistics Services) – SAP EDI / ITS
11. 1999 – 2000: Goodhome.com (Online retailer) – SAP EDI / ITS
12. 1999 – 2000: Aquaria – SAP EDI
13. 1999: Compaq (Computer Manufacturer) – SAP ALE
14. 1996 – 1999: Eskom (Electricity Utility – South Africa) – SAP ALE / EDI / ABAP / Workflow

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## EDUCATION

### UNIVERSITY OF THE WITWATERSRAND, SOUTH AFRICA

- BS Computer Science (Mathematics and Computer Science (with distinction)) - 1990

### SCHOOL OF PROJECT MANAGEMENT, SOUTH AFRICA

- Diploma in Project Management (with distinction) - 1995

### SAP, USA

- SAP GTT workshop, SAP Walldorf (2017, 2018)
- SAP GBT workshop, Newtown Square (2013)
- SAP TM / EM Integration Workshop, SAP Labs – Palo Alto (2012)
- TM100 Processes in SAP Transportation Management (2012)
- TM110 Planning in SAP Transportation Management (2011)
- SRF010\_52 SAP RFID-enabled Supply Chain (2011)
- TZAI7e SAP Auto-ID Enterprise 7.0 (2011)
- SRF010 SAP RFID-enabled Supply Chain Execution (2011)
- SAP Transportation Management (TM) 8.1 Bootcamp, Waldorf (2011)
- RASCEM training, San Francisco (November 2007) – Ramp up Training on SAP EM 5.1
- WAS development (SAP Developers Conference 2002)
- BW205 Business Information Warehouse overview (V4) (1999)
- BW210 Configuring Business Information Warehouse (V4) (1999)
- BC400 Development workbench (1998)
- BC410 Dialog programming (1998)
- CA910 SAP ALE (1998)
- CA920 Internet application component development (1998)
- ALE Scenario Development course (SAP development partner) (1998)
- BC50 Basis Overview (1997)
- BC40 Functional Overview (1997)

### BLOCKCHAIN COUNCIL, USA

- Certified Blockchain Expert (2018)

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## TECHNICAL

**Languages:** ABAP/4, MySQL, PHP, HTML, CSS, FTP scripting, Gentran NT, XML

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## OTHER

**Rampup Engagements:** SAP BusinessObjects Event Insight 4.0 Implementation (2011/2012),  
SAP Transportation Management 8.1 (2012) and 9.0 (2013)  
SAP Event Management 9.0 (SAP coach)  
SAP Global Batch Traceability 2.0 (2014)

**Rapid Deployment Solution:** SAP Event Management - Order tracking and exception management

**Beta-Testing:** SAP Global Track and Trace (2017)

**Languages:** English and Afrikaans (written and spoken)