JOHN B. HAWK

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**SUMMARY**

Data Warehousing professional specializing in SAP BW, BI (Business Intelligence) , and SAP HANA with extensive experience bringing order to chaos in the Order to Cash (OTC) and Supply Chain Management (SCM) areas. Five SAP R/3 implementations, five SAP BW implementations, and three upgrades. SAP HANA certified.

TECHNICAL SKILLS

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| 1. **SAP® BW** 2.1C to **7.4** (14 years) 2. **SAP® R/3** 3.1H to **ECC 6.0** (15 years) | 1. **SAP® HANA** (1 year) 2. **SAP® BEX Analyzer** (3 years) |

# INDUSTRY EXPERIENCE

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| Semiconductor Industry (15 years) | Manufacturing (6 years) |
| Entertainment (1.5 years) | Pharmaceutical Industry (2 years) |
| Food Processing (1.5 years) | Oil and Gas (1/2 year) |

# PROFESSIONAL EXPERIENCE

**HCL – axon**

15 Exchange Place, # 730 Jersey City, NJ 07302 Phone: 201-680-7000 **March 2014 – May 2016**

Managing Consultant – SAP BW and HANA. Clients:

**United Technologies – Aerospace Division (August 2015 – February 2016)**

1. Implement and customize Collections and Disputes Business Content.

**Bumble Bee Foods (March 2015 – June 2015)**

1. Advised and assisted issue resolution for upgrade from BW 7.01 to 7.4

**Oklahoma City Water Utility District (August 2014 – January 2015)**

SAP BW Lead for Upgrade from BW 7.0 on MS SQL to BW 7.4 on HANA

1. Determined and lead execution of pre and post upgrade/migration functional tasks.
2. Managed development of FICA document based Meter to Cash metric.

**Consumers Energy (May 2014 – July 2014)**

SAP BW Subject Matter Expert.

1. Primary author of Space Management Strategy Document.
2. Analyzed and determined approach for Top 30 tables in ECC, BW, and CRM systems.

**INDEPENDENT CONSULTANT 2013 - 2014**

**Topcon Positioning Systems (Survey and Location Equipment)** (March 2013- November 2013)

SAP BW Solution Architect for new BW 7.3 implementation.

1. Developed implementation roadmap, drafted project plan, defined tasks, and trained and supervised three developers.
2. Lead Blueprint sessions and designed Data Marts for Billings, Bookings, and Backlog.
3. Initiated data governance process, identifying data owners and stewards.

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**Infosys,** 6607 Kaiser Drive Fremont, CA 94555 **December 2010 – December 2012**

**Industry Principal Consultant, SAP Business Intelligence, Data Warehousing and HANA**

**•** Conducted two Business Intelligence Project Design Review and Quality Assurance Audits.

• Supported multiple project pursuits through TCO (Total Cost of Ownership) calculations.

**Infosys SAP HANA Business Case Application (Consulting)** (September 2012- November 2012)

SAP HANA Solution Architect, Data Modeler and BusinessObjects Universe Designer

1. Designed and developed data marts in SAP HANA for storing business use case data.
2. Designed and developed BusinessObjects Universes used in Webi and Crystal Reports presentation layer.

**InfoSys Clients:**

**Newmont Mining (Mining)** (July 2011- October 2011)

SAP BW Subject Matter Expert

1. Analyzed 30 SCM (Supply Chain Management) and 20 HCM (Human Capital Management) reports for source data in SAP ECC (Enterprise Central Component) system.
2. Performed gap analysis to SAP BW Business Content extractors and created technical specifications for custom extractors.

**Clorox (Consumer Products)** (December 2010– July 2011)

Reporting Lead

1. Lead blueprint phase to refine requirements into a list of deliverable functions specifications.

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**INDEPENDENT CONSULTANT 2009 - 2010**

**eBay (E-Commerce)** (August 2010 – December 2010)

SAP BW Developer.

1. Created Supplier Metrics Workbook using SAP BW Information Broadcasting to distribute Dashboard and detailed Vendor listings via e-mail.

**Otis Spunkmeyer (Food Processing)** (November 2009 - August 2010)

SAP BW Solution Architect.

1. Designed and implemented SAP BW data warehouse supporting Business Objects Webi and QlikView as presentation layers.
2. Implemented 20+ data marts including SAP SD (Sales and Distribution) Sales Orders, Billing (Invoice) Documents, SAP MM (Material Management) for Inventory, Material Movements, and Purchasing, SAP PP ( Production Planning) Production Orders, Vistex (an SAP bolt-on for Claims processing), and SAP FI (Finance) Accounts Receivable, Accounts Payable, and new General Ledger, COPA (Cost Controlling - Profitability Analysis ) and COPC (Product Costing).

**AmerisourceBergen (Pharmaceutical)** (August 2009 - November 2009)

Business Analyst Consultant – Customer Facing Reports

1. Analyzed 100+ legacy reports across three systems to consolidated requirements into less than 10 functional specifications supporting the OTC (Order to Cash) process.
2. Championed standardization in presentation through a common style sheet and standardized layout. Created and enforced common metadata for reporting terms through a central data definition dictionary.

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**Accenture,** 161 North Clark StreetChicago, IL 60601 **August 2007 – February 2009**

**Manager, SAP Business Intelligence**

**Anadarko Petroleum (Oil and Gas)** (August 2008 - November 2008)

Team lead for six person project.

1. Provided 400% greater visibility for client's project managers into the project's largest cost driver - payments to vendors. (Enhanced extractors to join accounts payable documents to controlling documents through finance document Cross-Company Posting Transaction in a BI 7.0 environment)
2. Reestablished credibility with client by executing the principals of software development project management (requirements definition, functional design, technical specification, unit test, integration test, and implementation).

**PACCAR Inc. (Automotive)** (January 2007 - June 200 7 )

SAP Business Intelligence Lead during Blueprint phase.

Developed reporting strategy for both SAP and non-SAP applications addressing:

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| 1. Data Governance | 1. Access to Data (Security) | 1. Meaning of Data (Metadata) | 1. Master Data Management |
| 1. Data Quality (Reconciliation) | 1. Report Development | 1. Data Flow Architecture | 1. User Interface |

**Renesas Electronics (Semiconductor)** (July 2007 - December 2007)

SAP BW/BI (Business Intelligence) Team Lead.

1. Managed functional design process from data mapping of technical source to hand off to Offshore team for design, in a merger of an Oracle based data warehouse and a legacy BW 3.0c system into a BI 7.0 environment.
2. Supervised work of one on-shore and five off-shore resources creating functional design.
3. Managed design requirements of 123 identified development objects in six subject areas (Sales, CRM, Forecast, Budget, Inventory, Commissions, COPA).

## Capgemini U.S. LLC, 623 Fifth Ave. New York, New York 10022 January 2005 – July 2007

**Senior Consultant SAP BW (Business Information Warehouse)**

**McKesson (Pharmaceutical)** (March 2007 - July 2007)

**Callaway Golf (Sports Equipment Manufacturing)** (July 2005 - October 2005)

1. Created comprehensive task list for technical upgrade from SAP BW 3.5 to BI 7.0 (NetWeaver).
2. Lead Blueprinting process for requirements, established UAT (user acceptance tests) for upgrade acceptance.

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**Warner Home Video (Entertainment)** (October 2005 - March 2007)

1. Lead Blueprinting process to identify requirements and prototype solutions using SAP BW 3.5 SD (Sales and Distribution) business content as well as efforts to define master data (ie “Title”, “Territory”) in SAP R/3 and BW.
2. Re-architected SD business content, leveraging SAP business content data sources, exporting the data through Open Hub InfoSpokes to a Teradata database, and retuning the data through Remote InfoCubes for presentation and security through SAP BW.
3. Lead Realization process implementation through Go-Live and stabilization.
4. Lead process blueprinting. Authored BW design principles guidance document for the project.
5. Assessed requirements to optimize reporting source (R/3 vs. BW). Determined resource requirements for R/3 ABAP and BW development.
6. Architected SEM BPS (Business Planning and Simulation) solution .
7. Developed SEM (Strategic Enterprise Management) Balanced Scorecard prototype.

## Foster Farms, Inc. (Food Processing) , Livingston, CA 2004 – 2004

**BW Functional Analyst (System Analyst)**

1. Created four custom InfoProviders (one InfoSet, one InfoCube, and two MultiProviders)
2. Created five BEX reports.
3. Supported 132 InfoCubes and MultiProviders (data marts) with associated extractors for the MM (materials management), SD (sales and distribution), and FI (finance) modules in SAP R/3.
4. Initialized V3 update for the Logistics (LO) cockpit
5. Managed data flow through process chains.
6. Performance tuning through aggregates.
7. Troubleshooting data inconsistencies.

## Watson Pharmaceuticals, Inc, (Pharmaceutical) Corona, CA 2002 – 2004

**BW Functional Analyst (System Analyst)**

1. Data Architect for project. Gathered requirements, initiated design blueprint in a “blank page” environment, established UAT (user acceptance tests) and No/No-go criteria for Go Live.
2. Established standards and practices for BW development.
3. Directed development efforts and executed code reviews for six developers.
4. Activated 39 SAP standard content ODSs (operational data stores) and InfoCubes (data marts) with associated extractors for the MM (materials management), SD (sales and distribution), and FI (finance) modules in SAP R/3. Configured custom and standard extractors in BW IMG.
5. Created six custom ODSs and InfoCubes.
6. Integrated SAP R/3 direct sales and non-SAP CARS/Imany indirect sales (chargeback) data using 3rd Party DB Connect.
7. Created PL/SQL queries for custom extractors from Oracle databases.

## Conexant Corporation (Semiconductor) , Newport Beach, CA 2002 – 2002

**Independent Contractor/Developer**

1. Split MES data for Skyworks Solutions spin off. Created data map, developed implementation tools and techniques, and successfully revalued inventory to meet SEC requirements.

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## LSI Logic Corporation (Semiconductor) , Milpitas, CA 1997 – 2002

**Programmer/Analyst**

1. Activated SAP BW provided content and created custom targets– InfoCubes, ODSs (Operational Data Stores), and extractors..
2. Implemented SAP® R/3 3.1H SD (sales and distribution) and MM (material management) modules as member of project team.
3. Configured SAP® R/3 material classification and characteristics.
4. Designed and developed custom data marts using MS SQL Server 7 or Oracle® 11 databases using Informatica PowerCenter® ETL (extraction, transformation, and loading) tool. .
5. Led successful implementation of Promis® 5.x MES (manufacturing execution system) costing module.

## ALPHATEC USA (formerly Indy Electronics) (Semiconductor) ,, Manteca, CA 1996 – 1997

**Senior Cost Analyst**

1. Implemented Promis® cost module for work in process (WIP) valuation and variance reporting for an electronic assembler.

## ROCKWELL INTERNATIONAL CORPORATION (now Conexant) (Semiconductor) 1984 – 1996

## Newport Beach, CA

**Cost Analyst (1992 – 1996)**

1. Implemented and executed the Promis® 1992 version 5.2 cost module.

**Productions Operations/Manufacturing Supervisor (1984-1992)**

1. Supervised the production and inspection of chips in a unionized environment.
2. Initiated use of Promis® report writing module to create customized activity, yield, and equipment utilization reports.

## US ARMY, Armor branch 1978 – 1983

## Germany, Fort Knox, KY

**Captain**

1. Division and battalion level staff officer. Top Secret BI clearance held.
2. Company grade motor officer and platoon leader.

EDUCATION

M.S., Systems Management, University of Southern California (USC), Los Angeles, CA

B.A., Economics (Magna Cum Laude), University of California, Los Angeles (UCLA),

Los Angeles, CA

LANGUAGES

German (conversational)

Spanish (functional)

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### SAP EXPERIENCE SUMMARY

The following list includes some specific SAP proficiencies I have used on various projects:

1. ABAP Workbench – (Data Dictionary Objects, Fields, Tables)
2. Characteristics (MM)
3. Characteristics and Key Figures (BW)
4. Classification (MM)– Material and Batch
5. Customer Master (SD)
6. Document Flow (SD, MM)
7. Extractors (BW) – 0material, 0customer, and custom
8. Flexible Analysis (LIS and SIS)
9. InfoCubes (BW)
10. Informatica PowerConnect (Data Extraction)
11. Intra Company Orders (Stock Transport Orders)
12. Integration Test (WinRunner)
13. Knowledge Transfer
14. Material Documents (MM)
15. Material Groups (SD,MM)
16. Material Master (MM)
17. Material Stock Types (i.e., Blocked, Consignment)
18. Material Types (MM)
19. Milestones (PS)
20. Movement Types (MM)
21. MRP (MM)
22. Networks (PS)
23. ODSs (BW)
24. OSS Notes
25. Partner Functionality (SD)
26. Physical Inventory/Cycle Count (MM)
27. Projects (PS)
28. Sales Documents (quotes, orders, delivery documents, billing documents)
29. Standard Analysis (LIS and SIS)
30. Unit Test

**TRAINING/CERTIFICATIONS:**

**SAP:**

1. ABAP Workbench Concepts and Tools (BC400)
2. Basis Technology (SAP50)
3. BW Configuration (BW210)
4. BW Reporting (BW205)
5. Customer Order Management (LO150)
6. Logistics Introduction (JSL10)
7. Manufacturing Planning & Execution for Discrete & Repetitive (LO050)
8. SAP R/3 Overview (SAP20)
9. Variant Configuration (LO990)
10. BW Performance Tuning (BW360)
11. SEM Business Planning and Simulation (SEM220)
12. SEM Corporate Performance Monitoring (SEM210)
13. SAP HANA for Application Consultants (TZHANA)
14. SAP HANA Implementation and Modeling (TZH300)

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###### Details of Technical/Configuration SAP Experience

**Configuration (BW IMG – Implementation Guide)**

* Create custom extractors.
* Initialize delta loads for SAP provided content.
* Transfer global settings from R/3 to BW.

**Master Data**

* Configuration of Material Master data; material types, material groups and number ranges
* Configuration of Customer Master data including account groups and partner functions.
* Configuration of material master and customer master field selection
* Functional support of data mapping and data conversion
* Developed classification structure.
* Configuration of characteristics and check tables.
* Extension of BW 0material to include classification and custom data.
* Extension of BW 0customer to include custom data..

**Inventory Management**

* Configuration of Plant and Storage Locations.
* Configuration of Intra company orders (stock transport order)
* Setting for physical inventory and cycle counting
* Field selection configuration for movement types

**Sales and Distribution**

* Configuration of sales organization, division, and channels.
* Verification of document flow.

**Financials and controlling**

* Defining valuation control, valuation areas, valuation classes, valuation grouping codes
* Automatic MM-FI account posting configuration for material movements
* Reporting

**Creation functional specification for BW InfoProviders.**

* Configured custom BW InfoCubes and ODSs and supporting InfoPackages and extractors.
* Configured custom BW characteristics and key figures
* Activated SAP provided BW content – InfoCubes, ODSs, InfoPackages, extractors, characteristics, and key figures
* Created BW BEX master queries for customization by power users.

**Interface Opportunities**

* Use of Informatica PowerConnect to extract R/3 data to custom databases
* Use of UDC and 3rdParty DB connect to extract data into SAP BW from non-SAP sources.
* Creation and use of WinRunner scripts to load data
* ABAP sourced flat files.