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## Toby Brousseau

### PROFILE

Mr. Brousseau is a Montreal-based senior level consultant who has been working in the IT and business process improvement areas since 1985. With unequalled business experience and in depth technical expertise he has become a highly sought after resource. Having occupied several management positions (public as well as private administration), he has the experience necessary for quickly understanding improvement opportunities and as a result recommending the best solutions (functional and/or technical) that will maximize ROI.

Microsoft Small Business Specialist (registered partner) he has recently been exploring Microsoft - SAP collaboration and interface technologies such as Duet (formerly the Mendocino Project), and integrating Sharepoint Services with SAP ABAP (specifically BAPIs exposed as services).

Member of the Project Management Institute (PMI), and Microsoft Small Business Specialist Partner (registered), he is perfectly bilingual (English, French and a little Spanish) and a remarkable communicator who can relate to the executive, technical and end-user groups. His knack for simplifying complicated, technical concepts makes him an unforgettable presenter who differentiates himself with respect to documentation (technical and functional specifications as well as knowledge transfer).

Owner of two copyrights for materiel management software and certified SAP – ABAP since 1998, he has considerable knowledge of technological environments, relational databases, and most popular development tools. He has developed several B2B and B2C applications using SQLWindows (4GL-OOP) for several clients (public sector: Canadian Space Agency, Royal Canadian Mounted Police (RCMP), etc. and private sector: Bell Canada, Metropolitan Gas (Provincial utilities), Foyer du campeur, Merck, Johnson & Johnson, etc.). A detailed list of previous projects and details is available upon request (or surf to [www.snoot.net/en/projects/projects.htm](http://www.snoot.net/en/projects/projects.htm) ).

In more recent years, he has been regarded as one of the few seasoned consultants specializing in mobile-enabling business processes (WM 5.0, Palm, Java, etc.). He was guest speaker for several events such as Retail Systems 2004 in Chicago where he spoke on the blessings and curses of using RFID in supply chain, Data replication technologies at the Oracle Users Group in Bromont (Quebec). He has hosted numerous webinars on improving data quality through capture (using barcodes and RFID) and Enterprise Application Integration (EAI).

Mr. Brousseau is highly considered by his colleagues and former clients. His impeccable references are available on demand. By adding him to your team, you not only increase your probably of success for your project, but also maximize your ROI.



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## TRAINING

<b>Certifications</b>	
Certification SAP (ABAP)	SAP - Canada, Ottawa
Certification – Senior Level Material Management	Public Service Commission of Canada, Montréal Canada
Certification – Advanced Level Material Management	Public Service Commission of Canada, Montréal Canada
BSc. Double majors: Physics & Physiology (incomplete)	McGill University, Montréal, Canada
<b>SAP Training</b>	
SAP 020: Overview	SAP – Montreal, Oct. 1996
SAP 040: Master Data and Organizational Structure	SAP – Montreal, Oct. 1996
SAP ISP-110 Funds Management	SAP – Toronto, Nov. 1996
SAP LO-020: Procurement	SAP – San Francisco, Dec. 1996
SAP Boot Camp	SAP – Ottawa, Jan. 1997
SAP 050: R/3 Basis Technology	SAP – Ottawa, Oct. 1998
SAP BC-400: ABAP/4 Development Workbench	SAP – Ottawa, Oct. 1998
SAP BC-430: ABAP/4 Data Dictionary	SAP – Ottawa, Oct. 1998
SAP BC-405: ABAP/4 List Reporting	SAP – Ottawa, Oct. 1998
SAP BC-410: ABAP/4 Dialog Programming	SAP – Ottawa, Oct. 1998
SAP BC-420: ABAP/4 Data Interfaces	SAP – Ottawa, Oct. 1998
SAP BC-415: Communication Interfaces	SAP – Ottawa, Oct. 1998
SAP BC-425: ABAP/4 Enhancements and Modifications	SAP – Ottawa, Oct. 1998
SAP ABAP/4 Developer Certification	SAP – Ottawa, Oct – Nov 1998
SAP CA-210 EDI (Release 4.0)	SAP - Montreal, Dec. 1999
SAP BC-621 IDoc Development (Release 4.0)	SAP - Montreal, Dec. 1999
<b>SAP Training (self paced study)</b>	
SAP – SAPScripts	Datahorse Montreal, Feb. 1999
SAP – WebStudio	Datahorse Montreal, Feb. 1999
SAP – ASAP	Datahorse Montreal, May 1999
SAP - Legacy System Migration Workbench	Datahorse Montreal, May 1999
SAP - Interface Advisor	Datahorse Montreal, June 1999
SAP – Simplification Group Overview	Datahorse Montreal, June 1999
SAP - Using SAP Retail	Datahorse Montreal, July 1999
Intellicorp - LiveModel for SAP R/3	Datahorse Montreal, July 1999
HAHT - HAHTSite/e-nabling business	Datahorse Montreal, July 1999
Internet Transaction Server Admin.	SAPTechEd'99, Philadelphia Aug 99



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Integrating ALE to External Systems	SAPTechEd'99, Philadelphia Aug 99
SAP - Process Manufacturing (PP-PI)	Datahorse Montreal, Sept 1999
SAP – Solution Manager: End-to-End Root Cause Analysis	Denver Colorado, July 2008
SAP – Extended Warehouse Management	Denver Colorado, September 2008
<b>Other Training (Non SAP)</b>	
DBA – Database Administrator (SQLBase)	Advanced Systems Integrated Ottawa, Canada
Transaction-Based Automated Procurement System	Advanced Systems Integrated Ottawa, Canada
Transaction-Based Inventory Management System	Advanced Systems Integrated Ottawa, Canada
Asset Management and Control System	Advanced Systems Integrated Ottawa, Canada
Employee Performance Evaluation	Public Service Commission of Canada, Montréal Canada
SQL Windows Programming – Centura / Gupta Technologies	Montreal
SQL Structure and Performance Enhancement	Learnix Montreal
Comprehensive Project Management	University of Toronto



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## WORK EXPERIENCE

5.2008-Present Details	<b>SAP Global Solutions Architect</b> Responsible for providing architecture consulting support on a portfolio of solutions, developments and enhancements as well as developing IT strategies for development, deployment, delivery and support ensuring that design of all systems development, across multiple applications and/or solutions, are consistent with enterprise initiatives.
Clients	Integration of world-wide solutions among Coors, Molson, Miller and Bass brewing companies. Molson Coors Brewing Companies
10.2005-7.2007 Details	<b>Senior Business and Technical Analyst</b> Mobile enabling SAP business processes SAP (PM, HR, MM, WM, Netweaver, XI, Java) and legacy applications (TS, Click, LAV-GPS Bellfleet).
Clients	Gaz Métropolitain
5.2001 – 10.2005 Details	<b>Business and Technical Analyst</b> Several mandates aimed at mobile enabling SAP business transactions (SAPConsol, EDI, PM, HR, MM, WM, ITS)
Clients	Gaz Métropolitain, RCMP-International Peacekeeping, RCMP-National warehouse – Ottawa, RCMP-Automated Information Systems, Canadian Space Agency, Bell Canada
5.2001 – 10.2005 Details	<b>Programmer / Developer (Windows and PDA Applications)</b> Development of several applications and interfaces: Stand alone (for example stock receipt and issue for RCMP warehouse), solution components ( i.e. front end capture for SAP updates 3.1 to 4.7)and database conversion (for example EDI and BassetPro to Oracle)
Clients	RCMP International Peacekeeping, RCMP Automated Information Systems, Canadian Space Agency, Prévost Car (a Volvo company) (Internet Transaction Server : First version of SAP Netweaver), Pièces métropolitaines, Foyer du campeur
5.2001 – 10.2005 Details	<b>Pedagogical and Training Consultant</b> Several training and knowledge transfer mandates including SAP Retail, MM, SD. Development of training material and computer-based training for end-users
Clients	Arinso Intl.-IDEGE, Jacob, Connexim, RCMP
5.2001 – 10.2005 Details	<b>Feasibility Studies, Scoping and Proof of Concept</b> Several mandates for feasibility studies for clients requiring innovative solutions to resolve business process pain points. This generally entails functional and technical documentation as well as client presentations and proof of concept demonstrations.



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Clients	RCMP (Ottawa), Essilor (Montréal), Neoris – Cemex (Monterey Mexico), Sears (Chicago USA), Siemens Medical (USA), Suntory Water Group (USA), Pacific Cycles (USA), Telcom Solutions (USA), Valeur Mobilières Desjardins (Montréal), Alcan (Montréal), Cirque du soleil (Montréal), Unifine Richardson (Toronto), Mann and Hummel (Toronto), Expertech (Montréal), Tennant Corporation (USA), CBC (Montréal), Dare Foods (Ontario), Canadian Space Agency (St-Hubert)
5.2001 – 10.2005 Details	<b>Guest Speaker</b> Lectures and presentations at tradeshow and webinars on various technologies and technical solutions with respect to data replication, ODS, SAP Middleware and RFID
Clients	DataMirror Guest Speaker: Oracle Users Group (Bromont) – Data replication solutions using DataMirror products, RFID SCM Conference (Chicago) – RFID, Better Data, Better Business Decisions
5.2001 – 10.2005 Details	<b>Product Specialist</b> Pre-Sales support and technical specialist for DataMirror products Pervasive Gateway, Transformation Server, Live Audit, dBXML, Constellar Hub, PointBase
Clients	DataMirror
5.2001 – 10.2005 Details	<b>Business Analyst / Consultant</b> Development of national strategy for material management Development of SAP-BASIS procedures Development of Disaster Recovery Planning (DRP) procedures
Clients	Environment Canada, Bell Canada
12.2000 – 5.2001 Details	<b>Product Specialist</b> Feasibility studies, proof of concepts and product demos for various clients and prospects such as : Motovan, Metropolitan Gas, Harman International, Husky, McNeil Consumer Products (Johnson & Johnson), Perkin Elmer, RCMP, Vidéotron, Wyeth Pharmaceuticals
Employer	Saipx
10.1998 – 12.2000 Details	<b>SAP ABAP Developer-Programmer</b> Several SAP ABAP (especially MM et SD) mandates (including list reports, Dialogue programming, ITS, and interface programs for the following clients: Prévost Parts (a Volvo company), RCMP, Canadian Space Agency, Bell Canada
Employer	Datahorse
09.1990 – 10.1998 Details	<b>Head of Material and Assets Management</b> Section head responsible for : Consumables supplies, Shipping and Receiving, Warehouse Management, Hazardous Materials, Asset Management, Customs and Excise Development and implementation of all material management legacy systems and solutions.
Employer	Government of Canada - Canadian Space Agency



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**Detailed version available at end of document as annex**



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## **DEVELOPMENT TOOLS AND ENVIRONMENTS**

### Software

SAP R/3 - ABAP/4, XI, SAPConsol, SAP GUIXT Scripting, SAP -TREX, SAP-eRecruite, SAP-eSolution Manager, SQL, SQLWindows, Centura Team Developer (CTD), HTML, Visual Basic, Embedded VB (Windows CE), dBase, Clipper, MathCad, RDBMS and various database replication tools, SQLBase, Oracle PLSQL (beginning), Word, Gupta's suite of software. Recently began self-study of Visual Studio 2005, Netweaver, Eclipse, DotNet, XML, ASP, Java, CodeWarrior (Palm Programming), Programming for mobile devices (eMbedded Visual Basic), and C++ self-training. MS Office Suite, MS Project, VISIO Internet Tools: FrontPage (HTML) Pervasive Gateway, Transformation Server, iDeliver, dXML Transform, Constellar Hub, iCluster, iTransmit, Live Audit

### Hardware

Experience with several data capture tools such as scanners, readers, barcode printers, etc such as : Intermec, Symbol, Psion, Dolphin, Videx. Platforms: Palm OS and Windows CE

### Applications

*Participation in (or fully responsible for the) development of the following SAP solutions:*

- Specifications, design, development and training for Windows CE application for inventory audit and subsequent update of SAP.
- Mobile data capture for Palm-based material receipts
- Purchase interface: SAP – AMMIS
- Physical asset tracking system: Windows Pocket PC 2002 - SAP
- Supply Chain Management (SCM) / Vendor Performance System
- Legacy system interface for material receipts
- Barcode enabling stock reservation and issues
- Gouvernement du Canada – Receiver General (IFMS)
- Implementation of barcode based stock issue and tracking (dock to desk) - Copyright owner
- Web-based requisitioning of goods (stocked supplies) for SAP.
- Development of Excel/OLE2 interface for reporting on SAP data
- Two complete installations (single and dual host) of SAP.
- Development of 'SAP On-line Store' web site.



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## Annex – SAP Modules by Client

Below is a breakdown list of SAP modules by client:

AA	Canadian Space Agency
AA	CBC
AA	Cirque du soleil
AA	Treasury Board of Canada
ABAP	Bell Canada
ABAP	Canadian Space Agency
ABAP	McNeil
ABAP	Merck Pharmaceuticals
ABAP	Prevost
ABAP	RCMP-Team
BASIS	Bell Canada
BW	Bell Canada
BW	Essilor
CO	Treasury Board of Canada
CRM	Dare
CRM	Expertech
CRM	Tennant Corporation
FI	Jacob
FI	Treasury Board of Canada
FM	Treasury Board of Canada
HR	Expertech
HR	Gaz Métropolitain
HR	St Lawrence Seaway
IS-Auto	Mann and Hummel
IS-Retail	Jacob
IS-U	Bell Canada
IS-U	Gaz Métropolitain
ITS	Prevost
MM	Bell Canada
MM	Canadian Space Agency
MM	Cirque du soleil
MM	CP Ships
MM	CUPE
MM	Dare
MM	Expertech
MM	FAG Bearings



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MM	Gaz Métropolitain
MM	Jacob
MM	Mann and Hummel
MM	McNeil
MM	Prevost
MM	RCMP-AIS
MM	RCMP-HQ
MM	St Lawrence Seaway
MM	Tennant Corporation
MM	Treasury Board of Canada
MM	Unifine Reichardson
Netweaver	Gaz Métropolitain
OSS Notes	Bell Canada
OSS Notes	Canadian Space Agency
OSS Notes	Gaz Métropolitain
OSS Notes	Merck Pharmaceuticals
OSS Notes	Mine Safety Associates
OSS Notes	Prevost
OSS Notes	RCMP-Team
OSS Notes	Treasury Board of Canada
Patches	RCMP-Team
PM	Bell Canada
PM	Cirque du soleil
PM	Expertech
PM	Gaz Métropolitain
PM	Tennant Corporation
POS	Novus
PP	Mann and Hummel
SAP-Portal	Bell Canada
SD	Dare
SD	Gaz Métropolitain
SD	Jacob
SD	Novus
SD	Prevost
SD	RCMP-AIS
SD	RCMP-HQ
SD	Tennant Corporation
WM	Bell Canada
WM	Canadian Space Agency
WM	Expertech



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WM	FAG Bearings
WM	McNeil
WM	RCMP-HQ
WM	Treasury Board of Canada
WM	Unifine Reichardson
X Modular	Bell Canada
X Modular	Gaz Métropolitain
X Modular	Mann and Hummel
X Modular	Mine Safety Associates
X Modular	Prevost
X Modular	RCMP-Team
X Modular	Uniboard



## Annex – Mandates

Prime	Client	Start	End	Description
Public Service of Canada	Canadian Space Agency	Sep-90	Oct-98	Head of Material Management responsible for Inventory Control, Customs and Excise, Shipping and Receiving, Warehouse Management, Assets Management, and Hazardous Materials. Developed MM legacy systems and SAP Team Lead
Public Service of Canada	Treasury Board of Canada	Oct-96	Jan-97	Material and Asset Management Team Lead on service loan from Canadian Space Agency
Datahorse	Bell Canada	May-98	May-98	Genesis Project: Elaborate procedures related to system component failures and disaster recovery planning for SAP
Datahorse	Bell Canada	Nov-98	Jun-99	Genesis Project: ABAP development of numerous reports and OLE Excel interfaces for Vendor evaluation and vendor managed inventory
Datahorse	Prevost	Apr-99	Nov-99	Implementation of Internet Online Store for SAP
Datahorse	RCMP-Team	Oct-99	Dec-99	SAP upgrade
Snoot Technologies Inc.	Pièces métropolitaines	Mar-01	Jun-01	Development of complete Material Management System (Inventory, POS, Procurement, EDI, SCM, Reporting)
Arinso	Jacob	Apr-01	Sep-01	Pedagogical consulting - SAP Retail
Snoot Technologies Inc.	RCMP-UN	Apr-01	Jun-01	Business and Technical analysis for development of Stock Tracking and Material Management System
Snoot Technologies Inc.	RCMP-UN	Jun-01	Aug-01	Master Data conversion and load (ETL) from legacy to new Stock Tracking and Material Management System



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Snoot Technologies Inc.	RCMP-HQ	Aug-01	Oct-01	Mobile-enabling warehouse management functionality (goods receipt, goods issue, physical inventory). Functional and technical analysis for implementing RF-based access to SAP (SAPConsol).
Snoot Technologies Inc	Canadian Space Agency	Nov-01	Apr-02	SAP PO extract (ETL from SAP to AMMIS) and GR upload (ETL from AMMIS to SAP) using BDC
Snoot Technologies Inc	Environment Canada	Nov-01	Apr-02	Material Management National Strategy, Policies and Procedures
Snoot Technologies Inc.	RCMP-UN	Nov-01	Jan-02	Mobile-enabling material management and warehouse functionality from paper to PDA and client-server based barcode environment
DataMirror	Bell Canada	Apr-02	Apr-03	PIAM Project: Physical inventory and asset management/tracking of telecommunications cards (warehouse, functional locations, and client sites)
DataMirror	St Lawrence Seaway	Apr-02	Jun-02	Functional and Technical analysis and scoping document for development of mobile-enabled time and attendance tracking (SAP CAT2) and SAP goods issue transactions
DataMirror	Novus	Jun-02	Jul-02	Functional, technical analysis and proof of concept for integrating POS data with SAP
DataMirror	CBC	Aug-02	Aug-02	Development of proof of concept for middleware asset tracking used to update SAP
DataMirror	Mine Safety Associates	Sep-02	Feb-03	Implementation, configuration and troubleshooting Report Distributor (DataMirror SAP Bolt-On automated report distributing product for SAP)
DataMirror	Mann and Hummel	Oct-02	Dec-02	SAP interface for data supplied by PLC robotic interface used in automobile parts manufacturing
SAIPX	Expertech	Oct-02	Jan-03	Workforce Visibility Project: Mobile-enabling field service technicians in the completion and confirmation of SAP work orders
DataMirror	Dare	Jan-03	Apr-03	Sales force automation - PDA based sales order creation (batch based)



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DataMirror	Tennant Corporation	Apr-03	Dec-03	Functional and technical analysis for mobile-enabling SAP service order processing, equipment validation, physical inventory, customer information validation ABAP code review, Test script scenarios
DataMirror	McNeil	Aug-03	Nov-03	Mobile-enabling SAP warehouse functions (goods issue for process orders and rversal - MB1A: 261/262, goods receipt MB31: 101)
DataMirror	FAG Bearings	Aug-03	Sep-03	PDA based Asset Tracking using barcode technology
DataMirror	Cirque du soleil	Aug-03	Oct-03	RFID based cross boarder material and asset tracking
DataMirror	Merck Pharmaceuticals	Sep-03	Feb-04	Use of PDAs to capture equipment downtime data used to update Merck's Oracle-based Maximo system
DataMirror	United Marketing Group	Sep-03	Dec-03	Data extraction and transformaion using dBXML between Oracle and various formats such as XML, EDI (message type 888, 940, and 945) and csv
DataMirror	CUPE	Apr-04	Jun-04	ACORD project XML - IDOC (EDIFACT) conversion using dBXML
DataMirror	Sears Roebuck	Apr-04	Jun-04	Functional and Technical analysis for implementing RFID material tracking system
Arinso	Uniboard	May-04	Jul-04	Pedagogical consulting - Intro to SAP for management
Arinso	Jacob	May-04	Oct-04	Pedagogical consulting - SAP Procurement (IBC Project)
DataMirror	Unifine Reichardson	May-04	May-04	Mobile-enabling warehouse functions using RF hand-held devices
DataMirror	Haworth Intl	Jul-04	Dec-04	Mobile-enabling field service technicians reporting and replacement of defective equipment



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DataMirror	CPTAQ	Jul-04	Oct-04	Use of dBXML for selective replication of Oracle-based master data used for report and query purposes, and elaboration of DRP for 2 separate Oracle instances of operational data.
DataMirror	East Coast Mill Works	Jul-04	Sep-04	Mobile-enabling field service technicians reporting and replacement of defective equipment
DataMirror	Alcan	Sep-04	Dec-04	DB2,dBase and FoxPro use TS,dBXML to populate PG and subsequently feed Legacy Systems
Snoot Technologies Inc.	RCMP-AIS	Oct-04	Dec-04	Mobile-enabling goods receipt and issue using RCMP-UN's Material Management solution and subsequently update SAP via BDC
Snoot Technologies Inc.	RCMP-AIS	Oct-04	Apr-05	Development of material tracking application (barcode based solution) for classified communications equipment
Snoot Technologies Inc.	RCMP-PPL	Feb-05	Apr-05	Functional and technical analysis and subsequent implementation of the RCMP-UN's Stock Tracking and Material Management Solution. Project involves higher scale (ie multiple warehouses - TOLS), and greater material security
Snoot Technologies Inc.	RCMP-PPL	Feb-05	Apr-05	Master Data conversion and load (ETL) from Basset-Pro to Oracle8
DataMirror	Essilor	May-05	Jul-05	ETL and data integration between various partners (Lens Crafters, Essilor, OpSys) using a combination of TS and dBXML to exchange data between SQLServer, Oracle, and XML files
Snoot Technologies Inc.	RCMP-UN	Jun-05	Apr-05	Stock Tracking and Material Management solution upgrade
DataMirror	CP Ships	Jul-05	Oct-05	Use of PG and Constellar Hub to update SAP from various front ends (desktop, PDAs) and parallel systems (WHMIS-HAZMAT, Customs-CTPAT, and SCM)



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DataMirror	DHS	Sep-05	Oct-05	Use of dXML for ETL of corporate data from SQLServer to supply XML files to partners
Trisotech	Gaz Métropolitain	Oct-05	Aug-07	Mobile-enabling field service technicians in the SAP order completion process