

**John Vanderhoff**  
**Burlington, Ontario, Canada**

Phone +1 905 320 7212  
[john.vanderhoff@v-and-m.com](mailto:john.vanderhoff@v-and-m.com)

## SOLUTIONS

Migrating from Notes mail to Outlook/Exchange  
Migrating Notes/Domino applications to SharePoint  
Analysis of existing Domino environment and locating the active applications  
Upgrading Notes/Domino clients and servers  
Training for End-Users, Application Developers and System Administrators  
Creating new Notes/Domino applications and modifying exiting applications.

## SUMMARY OF EXPERIENCE

John began working with Notes / Domino over twenty years ago, at Price Waterhouse, where he worked as a Computer Consultant. He did his initial Notes training in 1988 under a non-disclosure agreement with Lotus. His first Notes server was version 1.1 and ran on OS/2 1.2.

John wanted to spend 100% of his time working with Notes. He applied to and was hired by Lotus (later purchased by IBM). He worked as an Application Developer and as a Senior Notes/Domino Instructor. John developed applications and taught Lotus Notes/Domino Application Development and System Administration.

After six years working for Lotus, in 1999, John established his company V&M to do contract Notes/Domino Application Development, System Administration and Training. With the growing movement from Lotus Notes to Microsoft, John has become proficient with the tools to migrate Notes data to other platforms.

Some of John's clients include: Canadian Tire Financial Services; JP Morgan Chase & Co. (Scotland); The Argus Group (Bermuda); London Borough of Brent (UK), Victoria Mutual Building Society (Jamaica); Central Bank of Barbados, State of Hawaii; MasterCard; and the Bank of Montreal.

V&M is an IBM/Lotus Business Partner and a member of the Microsoft Partner Program.

## WORK EXPERIENCE

### V&M

June 1999 - Present

Lotus Notes, Domino and Migration Specialist. See partial project list below.

- Migrating Lotus Notes email to Outlook / Exchange
- Migrating Lotus Notes data to SharePoint and SQL.
- System Administration and Application Development for a variety of clients.
- Contact Instructor to Lotus Authorized Education Centers for advanced courses.

### Lotus Development Corporation

October 1993 – June 1999

Senior Education Specialist responsible for providing training using Lotus Notes/Domino.

- Trainer - provide training to public classes using standard courseware and training for corporations using standard or custom courseware.
- Subject Expert - provide expertise to curriculum developers on specific subject areas.
- Application Developer - developed application for managing the Trainer's schedule

### Price Waterhouse

October 1986 – October 1993

Started as a Consultant, promoted to Senior Consultant in 1988 and to Manager in 1991.

- Lotus Notes -System Administrator and Application Development.
- Computer Consulting - specializing in LAN installation and set up of accounting applications.
- End-User Support for fifty people.

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## SKILLS AND TOOLS

### Migration Software

#### Quest Software

NME (Notes Migrator for Exchange) – Partner Program Implementation Certification  
CMN (Coexistence Manager for Notes - Directory Connector, Mail Connector and Free Busy)  
NMSP (Notes Migrator for SharePoint)  
Completed Quest Software's Partner Certification Training for Notes Migrator for SharePoint

#### Binary Tree

CMT Inspector for Lotus Notes (Inspect and analyze Lotus Notes environment),  
CMT for Exchange

**Lotus Notes Domino Development:** Certified Lotus Professional since 1994 (see complete list below)

Lotus Notes Formula Language,  
LotusScript  
iNotes/Domino Web Access  
SameTime and QuickPlace

**Lotus Notes Domino System Administration:** Wolcott's Application Deployment Tool and ClientSync, Blackberry Enterprise Server running on Domino, IBM Notes Traveler

**Microsoft:** SharePoint, Exchange and Office 365.

**Connectivity:** ODBC – DB2, Oracle and Access. LEI (Lotus Enterprise Integrator) – Oracle and DB2, DECS (Domino Enterprise Connection Services) and LS:DO (LotusScript : Database Objects).

**Ives's TeamStudio:** Analyzer, Configurator, CIAO and Delta

**Operating Systems:** Windows 7, Windows Vista, Windows XP, Windows Server 2003, Windows Server 2008, Linux and AIX

**Security Clearance:** Government of Canada – Level II – Secret Clearance

## PROJECT HIGHLIGHTS

The following are samples of the types of projects that John has worked on

### **Pharr Yarns** McAdenville, North Carolina

Pharr Yarns is one of the most diversified sales yarn manufacturers in the world. They serve their diversified global customer base from offices across the United States and Europe. They have been using Lotus Notes for email since 2000..

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with a Migration Console and six Migration Workstations .
- Migrated all user mail files to Office 365. Prior to cut over pre-migrated mail files. On the cut-over weekend we only had to migrate the Delta.

### **R. J. Burnside and Associates** Orangeville Ontario

Burnside is an established engineering and science-based consulting firm that operates through eleven offices located in Canada, Barbados and Mozambique. Including several Domino mail servers located across Canada. They wanted to consolidate their email to on-premises Exchange located in Orangeville.

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with a Migration Console and 25 Migration Workstations .
- Consolidated the user's email files to Orangeville so that we had faster throughput from Domino to Exchange.

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## PROJECT HIGHLIGHTS

### **Douglas County Water and Sewer Authority** Georgia

The County had decided to migrate from Lotus Notes 8.5.3 to Office 365. They had multiple locations.

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with a Migration Console and 4 Migration Workstations .
- Because we were doing a big bang migration we were able to pre-migrate the mail. Then when we switched the MX record we were able to complete the final migration of the last week's mail in 2 ½ hours

### **CT Management** North Carolina

CT Management, Inc. manages administrative, purchasing, legal and information technology services for transportation companies. They migrated from Lotus Notes to on-premises Exchange.

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with a Migration Console and 6 Migration Workstations .
- Because we were doing a big bang migration we were able to pre-migrate the mail. Then when we switched the MX record we were able to migrate the last week's mail in 4 ½ hours.

### **North Carolina A&T State University** North Carolina

The university had made the decision to retire their 15 year old Domino email system. They had already migrated all of the student accounts. Now it was time to migrate the 2,00 faculty and staff. Over the years there multiple mail files spread over eight servers

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with a Migration Console and 30 Migration Workstations .
- Wrote some custom code to handle some unique situations
- Managed all of the pre-migrations for prior to the cut over weekend.
- Managed the cut over migrations which only had to migrate the Delta
- Wrote an application which located the mail file listed in the Domino Directory and deleted all the others.

### **Spirax Sarco Engineering** South Carolina to London England - remote

Spirax Sarco is a leading British-based manufacturer of boiler and pipeline control valves for steam heating and process plants. Mail migration from Lotus Notes located in South Carolina to Exchange located in London England with a staging server located London.

- Installed and configured Binary Tree's CMTe (Common Migration Tool for Exchange) with 10 Migration Workstations .
- Managed the mail migrations for 200 people – completed over one weekend.
- Wrote code to compare the number of documents on the mail server and the staging server.
- Managed the migrations of over 500 archives.

### **Dole Packaged Food/SADA Systems** Los Angeles, California - remote

Dole Food Company severed Dale Packaged Foods and sold this unit. SADA Systems was contracted to migrate their information from Notes to Microsoft. John was sub-contracted to handle the mail migration to Office 365 using Dell's Notes Migrator for Exchange. Since Dole Foods remains on Notes access to the Domino Directory was very restricted. John wrote the code and developed the process to migrate from a secondary Domino Directory.

- Installed and configured seven Notes Migrator for Exchange consoles.
- Managed the mail migrations for 750 people.
- Managed the archive migrations.

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### **Confidential Client** Trenton, New Jersey

This client has many offices located throughout the State of New Jersey. They have decided to migrate their 12,000 users from Lotus Notes to the Microsoft suite. They chose Quest/Dell Notes Migrator for Exchange and Coexistence Manager for Notes.

- Installed and configured four Notes Migrator for Exchange consoles.
- Configured scheduling for migrations.
- Installed and configured Mail Connector and Free/Busy consoles.
- Prepared a detailed Migration Procedure manual.

### **State Bank & Trust** Fargo, North Dakota - remote

State Bank & Trust of Fargo purchased Bell Mortgage, a 130-year-old mortgage company based in Minneapolis. The purchase combines the largest independently owned bank in Minnesota, North Dakota and South Dakota with the tri-state area's largest private mortgage company.

- Installed and configured Quest's Notes Migrator for Exchange and created the user guide for the migration team.
- Installed and configured Quest's Coexistence Manager for Notes (Directory Connector, Mail Connector and Free Busy Connector). Documented the configuration.

### **FM Facility Maintenance** Hartford, Connecticut - remote

FM Facility Maintenance is a leading provider of facility management for clients with multisite locations in the United States.

- Installed and configured Quest's Notes Migrator for Exchange and created the user guide for the migration team.
- Installed and configured Quest's Coexistence Manager for Notes (Directory Connector, Mail Connector and Free Busy Connector). Documented the configuration.

### **URS Corporation** Tampa Florida and remote access

URS Corporation is a leading provider of engineering, construction and technical services for public agencies and private sector companies around the world.

- Part of the team that migrated 15,000 Notes mail files to Outlook using Binary Tree's CMT for Exchange, CMT Coexistence and CMT for Blackberry. Contacts, mail and calendar entries were migrated. Encrypted emails were decrypted.
- Customized CMT for Exchange to provide: additional reporting; verification of the import lists prior to importing into CMTe; reporting on the existing data.
- Audited all mail files, sent out all communications, created replicas on the staging servers, coordinated the latest changes to the Master List and updated contacts, mail and calendar entries so that they were acceptable to Exchange.

### **Oncor** Dallas, Texas

Oncor operates the largest distribution and transmission system of electricity in Texas. The deregulation of electricity in the state has a number of resulted in a disentangling themselves to form a number of smaller companies.

- Completed an inventory using Notes Migrator for SharePoint to identify which Notes applications that are currently being accessed. It turns out that approximately 10% are being used
- Developed a plan to move the Notes data to SharePoint.

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## PROJECT HIGHLIGHTS

### **MasterCard International** St. Louis, Missouri

MasterCard Worldwide functions as the link between card holders, merchants and the issuing banks. They have offices located around the world. They had decided to migrate from Lotus Notes for mail to Exchange 2010. Microsoft Consulting was engaged to perform the migration. John was sub-contracted to be part of the team.

- Used BinaryTree's CMT for Exchange to migrate the mail, contacts, journals and calendars.
- Used BinaryTree's CMT for Coexistence to interchange directory information, email, calendar entries, and calendar free/busy availability.
- Wrote programs to report on mail file size, number of documents to migrate, number of encrypted emails, number of contacts and calendar entries.
- Wrote program to locate the users who are listed in the Domino Directory, but have still not been migrated.

### **Enbridge Inc.** Edmonton, Alberta

Enbridge's Pipeline division transitioned from Notes for email to Microsoft's Exchange two years ago. The Lotus migration to SharePoint project is just beginning.

- Prepared an inventory to identify which:
  - Notes applications need to be migrated to SharePoint.
  - Notes data that need to be migrated to SharePoint for historical reasons.
  - Notes applications which are not currently in use and do not to be archived for legal reasons.
- Identified that Lotus Domino is still being required to route mail to Exchange and outlined the steps to be taken to remove this dependency.
- Developed a blended technique to select Notes databases to be analyzed. This technique is going to be taught at the next Quest Software's Partner Certification Training for Notes Migrator for SharePoint.

### **IBM Canada Limited** Toronto, Ontario

IBM is transferring the Service Desk team to another company. They have twelve Domino databases that need to be handed over to the new company which will be transferring the data to SharePoint.

- Prepared the Domino databases to use a format which can be easily migrated to SharePoint.
- Provided the databases to the new company to be used in the pilot.
- Created a knowledge base which contained all of the steps taken and documenting the challenging areas which might be problematic for the SharePoint import.
- Using Quest's Notes Migrator for SharePoint, migrated four Domino databases to SharePoint.

### **MoCK (Municipality of Chatham-Kent)** Chatham, Ontario

The Municipality of Chatham-Kent is located in Southwestern Ontario. There are 1,400 employees spread across numerous locations in the county. They have decided to migrate their email, calendaring and scheduling from Lotus Notes to Microsoft's Exchange/Outlook. They make extensive use of shared mailboxes and shared calendars.

- Using Quest's Notes Migrator for Exchange, migrated all of the rooms and equipment to Exchange and configured auto reply. Migrated the pilot users and wrote up the procedures to migrate the balance of the users, shared calendars, and shared mailboxes
- Using Quest's Coexistence Manager for Notes, since the size of this migration required a period of seamless coexistence, to ensure smooth daily operations: for example, users must be able to use e-mail and schedule meetings, whether they are on Notes or Exchange.
- Developed and deployed a method to unencrypt encrypted Notes mail so it will be available in Outlook. This meant that support staff did not have to visit any desks.

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### **SaskTel (Saskatchewan Telephone)** Regina, Saskatchewan

SaskTel is the leading full service communications provider in Saskatchewan, offering competitive voice, data, dial-up and high speed internet, entertainment and multimedia services, security, web hosting, text and messaging services, and cellular and wireless data services over its digital networks.

- Rewrote from the ground up the Standard Operating Environment Domino application. Used extensive security and restricted access to subsets of data.
- Consulted on the upgrade from Notes/Domino 6.5 to Notes/Domino 8.5

### **Colonial Cookies** Kitchener, Ontario

Colonial Cookies parent company filed for bankruptcy protection in the United States. Colonial Cookies was able to secure independent financing and continues to operate.

- Created a new Domino server in Kitchener to receive the mail files and applications from the United States parent company
- Migrated users and their mail files to the new Kitchener server

### **Central Bank of Barbados** Bridgetown, Barbados

The Central Bank for the island, which implements the fiscal policy for the Parliament, 2008

- Upgraded existing servers to Domino 8.0.2
- Provided "System Administrator Boot Camp for Domino 8 training

2005

- Provided Domino Developer training for Notes Domino 6.5
- Consulted on problems that existed on the web site.

### **Victoria Mutual Building Society** Kingston, Jamaica

Financial Institution with 18 branches throughout Jamaica, 2008

- Upgraded 6.5.1 Domino servers to Domino 8.0.2
- Provided customized training for the System Administrators

2005

- Installed two 6.5.1 Domino servers running clustered under Linux.
- Upgraded 4.6.6 Domino servers to 6.5.1
- Migrated users from the Windows servers to the Linux servers
- Provided customized training for the System Administrators

### **McNeil Consumer Healthcare – a division of Johnson & Johnson** Guelph, Ontario

Johnson & Johnson, have decided to retire all of their Notes Applications.

- Ran a complete analysis of the Notes environment and identified which applications were currently being used and mapped out a strategy for moving the applications to SharePoint.
- Built a proof of concept server to test the conversion of Notes data to SharePoint

McNeil has been using a Notes application to track Change Requests and Incidents. These applications were written over four years ago and needed to be changed to reflect the change in company structure, changes in pharmaceutical regulations and to add email notifications. The Montreal and Guelph R5 Domino servers are located in the Toronto data centre on a partitioned Domino server.

- Updated Change Control database
- Updated the UPC code Master database
- Completed the changes required to these two databases ahead of schedule.
- Updated Materials Master database
- Consolidated two servers to run on new hardware
- Acted as a mentor to the System Administrator.

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### **Allegro Associates** Edmonton Alberta

Allegro is an Information Technology Consulting Company. They support a large number of Notes/Domino installations and wanted to provide training for their clients.2008

- Upgraded 6.5.1 Domino servers to Domino 8.0.2
- Provided customized training for the System Administrators

### **Manulife Financial** Toronto, Ontario

Manulife Financial is a leading Canadian-based financial services company operating in 15 countries and territories worldwide

- Revised a Conflict of Interest reporting application. Hosted on Domino server, for browser users in English and French. Application made extensive use of DHTML. Notes clients accessed in eight different languages.

### **AMEC** Calgary, Alberta

AMEC is a engineering, and project management services firm which specializes in energy, power and process industries

- Reviewed the Notes/Domino environment and made recommendations for upgrading.
- Enhanced the ISO 9000 Notes application.

### **SaskPower.** Regina, Saskatchewan

SaskPower is the principal supplier of electricity in Saskatchewan.

- Wrote a Rooms and Resources Management application, which added the ability to reconfigure room layouts and order catering for the meetings. Made no modifications to the Rooms and Resources standard template.

### **eWorld Enterprise Solutions Inc.** Honolulu, Hawaii

eWorldES is a professional services firm for mid-sized to enterprise organizations in the public and private sector. There are currently 50 employees delivering technology solutions to clients in Hawaii. John worked on-site and remotely to complete a number of projects.

- State of Hawaii, Department of Labor – made extensive modifications to the Legislature Log application. Which tracks the proposed legislation and testimony as it relates to the Department of Transportation.
- First Insurance Company of Hawaii – created a disaster recovery server running on Linux. Created two test servers in one Domino cluster for the Domino Developers to use during user acceptance testing.
- State of Hawaii, Department of Business, Economic Development and Tourism – created a Domino application which tracked all correspondence received by the department and its flow through the department
- State of Hawaii, Department of Labor and Industrial Relations – wrote a Domino application which tracked payments received into the Special Compensation Fund

### **Economical Insurance Group** Waterloo, Ontario

EIG is a general insurance, with 2,600 employees. There are fifteen servers in seven domains with five organizations. Twelve servers run on AIX and three run on Intel. The Domino environment includes a Blackberry server and an Extrafax server.

- Planned the upgrade of the Notes Domino environment.
- Upgraded all servers from 5.0.8 to 6.5.5.
- Using Wolcott's ADT automagically upgraded the pilot group to ND 6.5.5
- Upgraded all servers to 7.0.1
- Upgraded all clients to ND 7.0.1

### **Great West Life,** Winnipeg, Manitoba

GWL has acquired Canada Life with its Notes/Domino infrastructure which had acquired London Life with its Notes/Domino infrastructure. The environment included seven R5 Domino servers running on AIX. All of the AIX servers are clustered. In addition, there are ten Domino servers running on Windows 2000. Managed servers that were in Halifax, Montreal, Toronto, Regina, Vancouver and Hong Kong.

- Relocated a credit card insurance application from the IBM server farm to the data centre in Winnipeg.
- Consolidated and relocated Domino servers
- Wrote applications which track Notes sessions and all email traffic.



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### **Family and Children's Services of the Waterloo Region** Kitchener, Ontario

WatFACS is a child protection agency. All of the client information is maintained in Notes databases. The IFRS application keeps the data secure and ensures that approvals match the provincial legislation.

- Configured the system to use a Global Directory with all Children's Aid Societies / Family and Children's Services workers, which included the worker's RSA public key. This enables any Worker to create an email, which is encrypted immediately and could not read by anyone but the intended recipient.

### **Canadian Tire Financial Services** Welland, Ontario

The four Notes/Domino wizards had been promoted. The two new Notes/Domino developers each had less than a year of experience.

- Worked on-site to mentor the two less experienced developers.
- Revised HR evaluation package and rewrote all of the workflow.
- Revised HR Bonus application, summarized in Notes documents data from multiple Oracle tables, processed approvals and prepared files for Oracle payroll system. As with all HR applications, security was a major concern. Most employees needed to access the application, but they needed to only see their own information. Supervisors need to see only their employee's information.

### **JP Morgan Chase & Co. - European Technology Centre** Glasgow, Scotland

As a result of the merger of JP Morgan, Chase Manhattan Bank and Robert Flemings, many Notes applications needed to be modified to accommodate the recertification of all users to a new organization. JP Morgan used flat names, Chase Manhattan Bank used only an organization hierarchical certifier and Flemings used a hierarchical certifier with organizational units. There were over 4,000 databases in use.

- Used Ives TeamStudio to identify which databases required modification.
- Wrote utilities that helped manage and change existing data. Modified applications to accommodate name changes.
- Rewrote the applications so that users would be able to access their data following the re-certification of the server/person

## CERTIFICATIONS



### **Quest Software Partner Program**

- NME (Notes Migrator for Exchange) Implementation Certification



### **IBM Certified Professional for Lotus Software - Notes/Domino 6**

- IBM Certified System Administrator
- IBM Certified Advanced Application Developer



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## CERTIFICATIONS



### **Certified Lotus Professional R5**

- Application Developer
- Principal Application Developer
- System Administrator

### **Certified Lotus Professional R4**

- Application Developer
- System Administrator
- Principal Application Developer - LotusScript in Notes
- Principal Application Developer - Developing Domino Applications for the Web
- Principal Application Developer - Domino Web Development and Administration
- Principal System Administrator - Administrating Specialized Tasks for Domino

### **Lotus Notes - Release 3.0**

- Lotus Certified Notes Application Developer
- Lotus Certified Notes System Administrator
- Lotus Certified Notes Consultant and Specialist



### **Certified Lotus Instructor**

All classes, including Java, JavaScript and LotusScript

### **CTT+ Certified Professional – CompTIA**

- Certified Technical Trainer