



Résumé

Nash R. Radovanovic

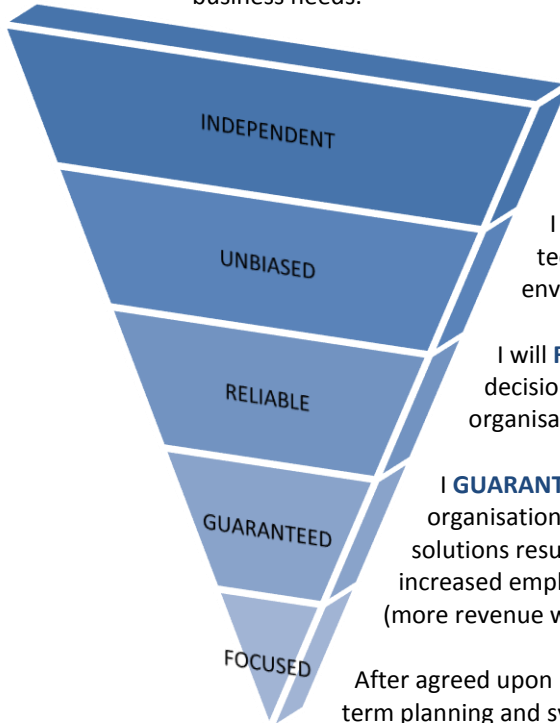
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I work with medium to large (enterprise-level) organisations who require **independent, unbiased** and **reliable** advice that is **guaranteed** to be **focused** on the most appropriate technological solution for their business needs.



I, as an **INDEPENDENT** consultant specialising in Information Technology (IT), will help you understand and use the most appropriate (i.e. best-of-breed) technical solution to gain competitive advantage for your business.

I provide **UNBIASED** (i.e. non influenced by any vendor) view of technology capabilities and possible real life solutions for your corporate environment.

I will **RELIABLY** support you and your organisation throughout the key decisions regarding anticipated future direction of both technology and organisational behaviour. Today. Tomorrow. Always.

I **GUARANTEE** to help you assess, re-organise, re-engineer and streamline your organisation by using the most suitable management techniques and technology solutions resulting in increased Return on Assets (lowered Total Cost of Ownership), increased employee productivity, higher Service Levels and improved business agility (more revenue with the same or fewer resources).

After agreed upon business objectives, I will **FOCUS** and lead your organisation, from long term planning and systems architecturing, through business and technical design, all the way to implementation of the IT solution that will be the best for your business.

SKILLS PORTFOLIO

Business Development Manager:

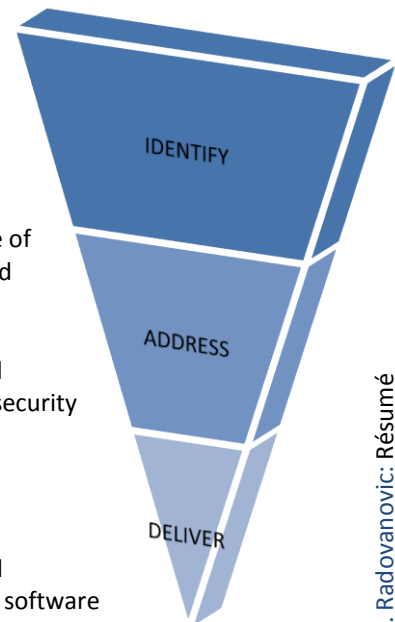
- Creating and managing project proposals, responses to RFP/RFI's, statements of work, support level agreements, software licencing agreements and other forms of business relationship management including detailed specifications and Cost/Benefit Analysis.
- Account relationship building and maintenance throughout the life of the professional services sales cycle; engagement management and oversight of delivery quality.

System Architect:

- Infrastructure and application architecture assessment, design and implementation for high availability, scalability, performance and security ([Security Assessment Methodology](#) and Operational Capabilities Assessment ([SunReady Methodology](#))).
- Server consolidation and data center virtualization

Project Manager:

- Management of complex highly available infrastructure design and deployment, including all aspects of environmental, hardware and software components.
- Leading, coaching and managing infrastructure, development, maintenance and support teams.





WORK EXPERIENCE

Gluetext Inc. Toronto, ON (December 2006 – Present)

<http://www.gluetext.com>

- Web start-up to design and develop a patent-pending technology solution to deliver Internet search engine which harnesses the power of the true collective knowledge on the Internet and reduces the effort it takes one to cut through Internet information pollution when searching for something.

Sun Microsystems Inc. - Professional Services, Markham, ON (June 2000 – Present)

BackGround Software - Sun Partner Advantage

- Canadian practice support through resourcing, program development, customer engagement management, account business development and all aspects of products and services sales cycle.
- Leading an extended professional services delivery organization with 50+ consultants with various areas of expertise, across North America, but centered around high availability, enterprise class IT infrastructure solutions.
- Highly available infrastructure architecture, project management, technical and business consulting for various enterprise-level clients nationwide.

Major Accomplishments (by industry/vertical):

Consulting - Professional Services

- Comprehensive marketing and business development in the financial sector program created for Sun corporate and Sun Canada.
- Program and project management of Utility Computing initiative for Sun Microsystems in Canada.
- Customer engagement management, RFP/RFQ/RFI responding and project and programme proposals up to \$100M. Comprehensive solutions "From Bare Floor to Enter Key", server migration and consolidation activities along with standardisation and introduction of "Centers of Excellence" concept. Sun ITM methodology based approach (based on ITIL and PRINCE2).
- Technical consulting to help introduce new business unit, to promote third-party software sales through services engagements and cross-department resource leveling.
- resourcing for projects within Sun's bench and outside (Sun's selected employment agencies)
- Engaged on various levels with the following third party solution providers to pursue joint opportunities (hardware, software and consulting):
 - Actuate
 - AirDefense
 - Casatt
 - DIS
 - Eagle Invest.
 - Eracent
 - Espion
 - Expertus
 - Gigaspaces
 - Greenplum
 - Guardium
 - Halcyon
 - Microsoft
 - Mobius
 - OpTier
 - Oracle
 - Plato
 - Proxima
 - SAS
 - Teleran
 - Turboworx
 - Gemstone
 - VMWare
 - VoIP Shield



WORK EXPERIENCE (cont'd)

Financial (Banking/Insurance)

- Development of the Sun Platform Virtualization enterprise strategy and Reference Architectures based on Sun Logical Domains and Solaris 10 Containers
- Design, and implementation of Sun Enterprise M5000 and M8000 servers (Sun Application Readiness Service)
- Lead Sun and VMWare Virtual Desktop Infrastructure Proof-of-Concept project
- Lead a team of consultants to perform a multi-site, HA, Wall Street Systems FX Trading infrastructure review
- Design, and implementation of three Sun Fire E25K servers (Sun Application Readiness Service)
- Lead a Proof-of-Concept project to test and compare IBM MQ v5.3 and v6.0 in a Sun Solaris 10 zone/container environment with HA achieved through Veritas clustering
- Lead a Proof-of-Concept project to verify functionality and compare Actuate iServer v8 and v9.
- Lead a Proof-of-Concept project to test VMWare based virtualization of Sun Fire X4600 server, using Solaris 10 and Windows 2003 OS images.
- ZFS GA Proof-of-Concept
- Envisioned, designed and managed implementation from bare floor - a Sun lab consisting of 13 servers (SPARC and x64), fully redundant SAN (Brocade and Sun StorEdge, 28TB), NAS (Sun StorEdge), StorageTek Tape, fully redundant Gigabit Ethernet, with all necessary flexibility of a typical Sun benchmarking centre.
- Performed Basel II architecture consulting, including architecture review, performance and capacity planning for shared ETL infrastructure. Finalised almost 9 months of gathering of the Basel II Non Functional Requirements for all project streams (Retail, Trading and Wholesale Banking).
- Developed capacity and performance model to verify NFRs against SLAs for each area.
- Sold and delivered OLTP solution infrastructure reviews for an application environment consisting of almost 50 servers contributing to a significant stabilisation of the environment (ie 100+ "green days" reached and no Severity 1 incidents since).
- Asset Management Software Proof of Concept (PoC) - Eracent
- Sun/Greenplum Data Warehouse Appliance PoC
- PoC for multiple client diskless boot (Sun Fire x64 nad Sun Fire T2000 hardware)
- Gigaspaces solution research and introduction
- Microsoft Virtual Server PoC as an alternative grid solution based on Sun Fire X2200, X4100 and X4600 hardware.
- Business case development based on performance benchmarking and enterprise licensing agreements around positioning Sun Fire T2000 as a new standard for Weblogic deployment in an application grid environment.
- PoC implementation of Oracle 10g on Sun Fire T2000 (Sparc T1) hardware and data load benchmarking on a stand alone Oracle server.
- PoC implementatino of Oracle 10g RAC on three Sun Fire T2000's RAC nodes and data load benchmarking.
- PoC implementation of Oracle RAC configuration without Veritas software stack (VxFS, VxVM and VCS) achieving High Availability via native Solaris and Oracle functionality.
- Performance benchmark testing using SPECweb99 and SPECweb99SSL tests on Sun Fire T2000 and x64 hardware against baseline consisting of currently common web serving standard (Sun Fire V210; V490). Testing included competitive testing of Sun JVM vs IBM JVM, as well as Monte Carlo simulation done on x64 and T2000 to showcase floating point performance differences.
- Solaris 10 demo + Solaris 11 customer preview.
- Zettabyte File System (ZFS) early PoC (March 2006 – pre-beta release)
- Sun Hypervisor v2 + Logical Domains (LDOMs): pre-beta release/development code demo with Solaris 10 and Solaris 11.



WORK EXPERIENCE (cont'd)

- Establishing of a corporate standard documentation for hardware virtualisation via Sun Fire domains and software virtualisation via Sun Solaris 10 zones/containers
- Independent forensic audit of the security incidents involving production server outages.
- Developed implementation guideline for deployment and Solaris 10 RBAC security approach.
- Managed DTrace demonstration and development of a customised DTrace menu driven interface containing 10 canned DTrace scripts.
- PoC running VMWare ESX on Sun Fire X4600 hardware.
- Microsoft SQL Server 2005 PoC running on Sun Fire X4500/X4600 hardware
- PoC for potential ZFS replacement of VxFS/VxVM on T2000
- Benchmark testing x64 RevF servers using SPECjbb2005 tests on new Opterons (Sun Fire X2200 M2)
- System architecture and implementation of multiple data warehouses for Business Intelligence, Customer Relationship Management, Business Development and Anti Money Laundering environments for a major Canadian financial institution, up to tens of terabytes of data, all based on Sun hardware (SunFire server family (V/volume and E/enterprise class servers up to E20K) and StorEdge range of storage products (from workgroup (3510) to enterprise class (9985) SAN solution) and including various software components: Veritas (FS, VM, NB), Oracle (8i/9i/10g), Informatica, Hyperion, Brio, SAS and iPlanet.
- Management of SunRay ultra thin client proof of concept
- Management of SunReady Application Readiness Service, including design, installation, configuration and hardening of four SF 6800 application servers.
- Management of benchmark testing of the new retail banking front end application for a major Canadian bank (replacing in-branch 3270 based application) (SF E15K, SF E6800, SF V480, E10K, StorEdge T3, Solaris 8, Sun Cluster 3.0, Oracle 8.1.7, Oracle Parallel Server, Mercury LoadRunner 7.5, IBM MQ Series 5.2, IBM IMS Connect)
- Management of implementation of two clustered (SunFire V880, Solaris 8, VxFS, VxVM, SC 3.0, Oracle/HA and Documentum) pairs, tape library (L180), lanless backup and recovery (V880, VxNB) and SAN (StorEdge T3, 6960).
- Architecture review for Eontec's BankFrame application implementation. Management of Solaris, Weblogic and TCP/IP tuning.

Media/Telecommunications

- Benchmark testing and performance optimisation of image processing on SPARC and X64 Sun servers.
- SunReady Availability Assessment, i.e. data centre assessment of key 10 IT management areas with specific concentration on people, processes and technology. Executive summary and detailed report comparing corporate results with "best practices" benchmark.
- Architecture review of iPlanet wireless client portal.
- Management of web server performance assessment (Solaris/Apache load balanced with Cisco Arrowpoint).

Transportation/Logistics

- Re-hosting of mainframe based applications on Solaris platform (IMS DB/DC, COBOL/CICS/DB2)

Retail

- Management of system administration including system performance tuning and backup & recovery policies and procedures (Solaris 2.6).



WORK EXPERIENCE (cont'd)

Government

- **Provincial:** management and infrastructure architecture detailed design and implementation for financial application framework. (10 Sun Enterprise servers (E6900, E4900, V440, V240), Solaris 9, Resonate load balancing solution, Veritas File System, Volume Manager and NetBackup, Oracle HA DB cluster, Oracle Application Server (OAS), Sun RunBook).
- **Provincial:** infrastructure detailed design and implementation of development and testing environment including Sun Opteron X64 line of servers (V40z) running RedHat Linux Enterprise 3.0.
- **Provincial:** management of complex Production Design Service (PDS) and SunReady Availability Assessment (SRAA) (four data centres). Detailed infrastructure architecture design and implementation for Development and Test data centre from bare floor (4 SunFire 3800 servers with two domains each (Oracle DB, WebLogic), 4 SunFire 280R servers (Oracle 11i, DNS, Directory), V880 server, tape library (L180), 8xT3 storage, 4xFC switches, Solaris 8, Sun Management Center).
- **Federal:** implementation and documentation of complex solution including tape library (L180), D130, D240 and T3 storage (>25), SunFire 6800 (>5), Netra telco servers (>30), Compaq servers (>20), Cisco switches, content switches, routers and firewalls (>25), Nortel VPN (1000+ users), Brocade FC switches. *Details on this engagement are **NOT** available.*
- **Provincial:** management and infrastructure architecture detailed design and implementation for financial application framework. (11 Sun Enterprise servers (E6500, E4500, E420R, E220R), tape library (L700), Solaris 8, Resonate load balancing solution, Veritas File System, Volume Manager and NetBackup, Oracle HA DB cluster, Oracle Application Server (OAS), Sun Management Center, Halcyon, Sun RunBook).
- **Municipal:** management and infrastructure architecture detailed design and implementation for City's web site, Business License Renewal and DineSafe applications. (14 Sun Enterprise servers (E220R, E420R), Solaris 7, BigIP load balancer (HA), Checkpoint Firewall-1, SecureNet firewall, Oracle HA DB cluster, IBM WebSphere WAS).
- **Federal/Military:** management of assessment, network redesign, firewall implementation and server hardening (Solaris 7, SecureNet). *Details on this engagement are **NOT** available.*

Details on other engagements are available upon request:

DST Canada, Toronto, ON (Jul 1999 - May 2000)	Lucent Technologies Inc., Naperville, IL, USA (Nov 1998 - May 1999)
Crimson Logic, Toronto, ON (May 2002)	SwissRe, Toronto, ON (Mar 2002)
Syigma Play AG, Zürich, CH (Sep 1999)	Cantel AT&T IT, Toronto, ON (Aug 1999)
VITAFOAM Products Canada LTD., Toronto, ON (Jun 1999)	BGD Software Inc., Toronto, ON (1997 - present)
Manulife Financial, Toronto, ON (Aug 1998 - Oct 1998)	Buehler AG, Uzwil, CH (Aug 1998)
NetWorkers AG, Givisiez, CH (Aug 1998)	BGD Consulting, Scarborough, ON (Aug 1998 - Oct 1998)
Royal Bank of Canada, Toronto, ON (Feb 1997 - Aug 1998)	Zenlabs Inc., Toronto, ON (Mar 1998)
Prolink Consulting Inc., Toronto, ON (Sep 1997)	Trade and Travel International., Belgrade, YU (Aug 1997)
Sun Life Assurance of Canada, Toronto, ON (Jul 1996 - Feb 1997)	The Prudential Insurance Co. of America, Scarborough, ON (Mar 1996 - Jul 1996)
Crown Life Insurance Co., Regina, SK (Mar 1993 - Mar 1996)	Nash R. Radovanovic, (self-proprietor) Belgrade, YU (Feb 1992 - Oct 1992)
Informatika Inzenjering, Belgrade, YU (Aug 1987 - Aug 1988)	Elektrodistribucija Beograd, Belgrade, YU (Aug 1988 - Oct 1992)



PUBLICATIONS & PUBLIC SPEAKING

2008

- "UNIX Virtualization with Sun Logical Domain on Sun Enterprise T5240", Sun Microsystems of Canada, 2008
- "Sun Application Readiness Service for Sun Enterprise M5000 and M8000", Sun Microsystems of Canada, 2008
- "Sun Connection: IT Infrastructure Management Platform", Sun Microsystems of Canada, 2008
- "Sun Operational Capabilities Assessment for a Major Canadian Financial Institution", Sun Microsystems of Canada, 2008
- "Migrating HP Superdome to Solaris Platform", Sun Microsystems of Canada, 2008

2007

- "METHOD AND SYSTEM FOR SEARCHING TEXT-CONTAINING DOCUMENTS"; US Patent & Trademark Office, 2007
- "ZFS: A New Technology Introduction & Sun Lab Testing Report", Sun Microsystems of Canada, 2007
- "Sun SPARC M4000: An Introduction", Sun Microsystems of Canada, 2007
- "Sun/VMWare Virtual Desktop Infrastructure Proof-of-Concept", Sun Microsystems of Canada, 2007
- "Microsoft Exchange 2007 on Sun Fire X4600", Sun Microsystems of Canada, 2007
- "Weblogic Server 10 Cluster without Veritas Software Stack Reference Architecture Summary", Sun Microsystems of Canada, 2007
- "IBM MQ 5.3 vs. 6.0: Solaris 10 Zone/Container with Veritas Cluster Testing Report", Sun Microsystems of Canada, 2007
- "Actuate iServer v8 vs. v9: testing Report", Sun Microsystems of Canada, 2007
- "Decreasing your infrastructure cost by using VMWare on Sun Fire X4600", Sun Microsystems of Canada, 2007
- "Sun Application Readiness Service for Sun Fire E25K", Sun Microsystems of Canada, 2007
- "Consolidate Your Extream Dialog Application From Windows to Solaris and Save Millions!", Sun Microsystems of Canada, 2007
- "A Microsoft Based Approach to Virtualization of Sun x64 Systems - What Works and What Doesn't", Sun Microsystems of Canada, 2007
- "Diskless Grid - Reference Architecture Summary", Sun Microsystems of Canada, 2007

2006

- "Oracle 10g RAC without Veritas Software Stack - Reference Architecture Summary", Sun Microsystems of Canada, 2006
- "Web Server Head to Head: Sun Fire T2000 vs V240", Sun Microsystems of Canada, 2006
- "What's New: Solaris 10, JumpStart, DTrace and ZFS", Sun Microsystems of Canada, 2006
- "Virtualization Preview - Sun World: LDOMs, Containers/Zones and BrandZ", Sun Microsystems of Canada, 2006

1997-2005

- GreaseMonkey JavaScript extensions for Firefox @ <http://www.bgdssoftware.com/freejs/index.htm>, 2005
- "Maximum Achievable Storage Array System Availability", 2002
- "Security Assessment Methodology", 2002
- VB/VBS/ASP code snippet archive @ <http://www.bgdssoftware.com/freeASP>, 2001
- 10th Int'l Rexx Symposium: "Using Rexx to Publish Mainframe Reports to the Web", 1999
- "Using Perl to Create Dynamic, Dynamic Content (DDC)", 1999
- Rexx code snippet archive @ <http://www.bgdssoftware.com/freerexx>, 1998
- "Using Point-and-Shoot Fields to Navigate through ISPF Panels"
- "Creating dynamic WWW sites using HTML templates and Perl", Web Techniques: "Using JavaScript to Write JavaScript" <http://webtechniques.com/archives/1997/09/junk/>, 1997



ASSOCIATIONS

- Master Consulting Services Agreement (MCSA) with **Sun Microsystems** Canada, Inc., Professional Services
- **Sun Microsystems** Partner Advantage
- Member of **IBM** S390, Internet Technologies/San Francisco/Java and DB2 PartnerWorld for Developers
- **Microsoft** Developer Partner
- **Espion Intl. LLC** Channel Sales Partner
- **RSA SecurWorld** Partner
- **Strategis** Industry Canada, **SourceCAN** Industry Canada
- **U.S. Chamber of Commerce**
- **Singapore Trade** Development Board
- Fellow, Life Management Institute (**FLMI**), Life Office Management Association
- Associate, Customer Service (**ACS**), Life Office Management Association
- Associate, Life and Health Claims (**ALHC**), International Claims Association

SECURITY CLEARANCES

- York Regional Police background check
- RCMP Enhanced Reliability (**ER**)
- Canadian Controlled Goods Directorate (**CGD**) / US International Traffic in Arms Regulations (**ITAR**)

COMMERCIAL PRODUCTS

- MAINFRAME/Web Reports (1997) <http://www.bgsoftware.com/mwr/>
- GlueText® (2007) <http://www.gluetext.com>