

Tillman J. Hodgson

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PROFILE: SENIOR SECURITY PROFESSIONAL

Well-respected professional with a wealth of enterprise network experience. Energetic team player and widely involved in the community. Engaging and proficient writer and presenter. Significant experience helping clients solve their information security issues by assessing threats to their organization, aligning their security posture to their business requirements, improving the effectiveness of their security controls, and reducing the costs of managing security. Outstanding ability to develop simple, elegant solutions to urgent security problems.

AREAS OF EXCEPTIONAL EXPERTISE

- Security architecture
- Security incident handling process
- ISO 17799 security framework
- Technical security controls (firewalls, encryption, Kerberos, etc)
- TCP/IP networking architecture
- Intrusion detection/prevention architecture & implementation
- ISP-class Internet services
- Unix systems architecture & operations (SAGE "Senior" level)

PROFESSIONAL EXPERIENCE

Acting Manager Security Architecture, Government of Saskatchewan Information Technology Office 2005–
Developed, managed and continuously improved the strategic security architecture program for the ITO (the centralized IT of the Government of Saskatchewan). Lead the Security Architecture team in moving security to a business-driven model by developing a business-aligned security framework and standards based on ISO 17799. Achieved an immediate improvement to the security maturity by formally involving the security architecture unit in all ITO projects. Made security spending more effective by performing a comprehensive gap analysis and prioritizing development to mitigate critical gaps. Achieved a security awareness shift in ITO executive management, security becoming one of the 5 stated goals for the enterprise. As a security consultant, was responsible for all aspects of the security architecture (information, assets, personnel) for over 12,000 users.

Infrastructure Analyst, EDS Canada

2000–2005

Dramatically lowered the per-incident cost, time-to-resolution and business production impact of handling security incidents at SaskPower by developing and leading a 2 year project to provide a comprehensive intrusion detection system across the provincial network, implement an effective incident management process and supporting policies, and develop a cross-departmental security incident response team. Supported the SaskPower information technology department with roles in the Midrange (Unix), Network and IDS areas. Lead the development of many security-oriented projects.

Developed and implemented secure Internet infrastructures for a variety of other clients.

Internet Administrator, Access Communications (was "Cable Regina")

1998–2000

Enabled a continuous annual growth rate in excess of 160% and supported in excess of 20,000 users by developing and operating a provincial ISP-class network and Internet with a record of extremely reliable service provision during this period of rapid growth, including expansion to 3 new cities.

Various positions, Saskatchewan Government Insurance

1993–1998

Promoted rapidly and gained increasing responsibilities in various positions. Performed such functions as data entry and staff training in a new system for personal insurance, a member of the networking team that installed a province-wide WAN and associated computers, printers, cabling and other peripherals, data analysis, preparation of annual reports, coordination of committee and boards of the Vice-President of Human Resources and Board of Directors, senior level writing, and other duties.

PROFESSIONAL DEVELOPMENT

IT Manager Institute training and IT Business Manager Certification	2005
IT management foundational training focusing on business alignment and performance measurement.	
SANS GIAC Certified Intrusion Analyst (SANS GCIA Gold)	2004
Challenged and passed the SANS GIAC intrusion analyst certification at the “gold” level. This certification covers the knowledge, skills and abilities to configure and monitor intrusion detection systems and to read, interpret and analyze network traffic and related log files.	
Internet Security Systems	2001
Attained advanced certification with the Internet Security Systems RealSecure product line.	
Linux Professional Institute Certified (LPIC-1)	2001
After participating in the beta program, was among the first certified Linux professionals.	
Cisco Systems (via GeoTrain Corporation)	2000
Building Scalable Cisco Networks course.	
Cisco Systems (via GeoTrain Corporation)	1999
Introduction to Cisco Router Configuration course.	
The Banff Center for Management	1998
A one-week course in leadership, high-level negotiating and dispute resolution.	
Goodspeed Management Workshops (via College of Commerce, University of Saskatchewan)	1996
A series of workshops providing management training and leadership skills.	
University of Regina	1993–1995
Enrolled in Journalism program.	

COMMUNITY INVOLVEMENT

- SaskCIRT: Founder and primary driver for SaskCIRT, a provincial cross-organizational security forum with wide public and industry membership, <http://www.cirt.sk.ca> (2003–present)
- USENIX & SAGE: Member of USENIX (the Advanced Computing Systems Organization) and SAGE (the System Administrators Guild) (2002–present).
- Saskatchewan Safety Council: Volunteer instructor for the motorcycle Safety course (2003–2005).
- Regina Open Source Professionals Association (ROSPA): President and founder of the volunteer-driven organization for those using open source tools and open standards in a professional capacity, co-delivering the Regina Open Source Expo in 2004 (<http://www.reginaopensourceexpo.org>) (2002–2004).
- EDS internal open source group: Team lead (2002–2003).
- Net.Talk: Co-host of the Access 7 community channel call-in television show dealing with Internet and computer questions (1999–2000).
- Linux/Open Source Users of Regina, Saskatchewan: Vice-President of the community organization supporting hundreds of users and developers of open source software, gave regular presentations on Unix and security topics (1998–2002).
- Regina United Way: Member of the Board of Directors (1995–1999), member of the Community Building Committee (1997–1998), member of the Planning Committee with a mandate to oversee the strategic planning of the Board including review of vision, values and mission (1997).