

Yves Bourdic

+33 642 405 891

IT certified Engineer

CISSP

Certified Information Systems Security Professional

French (Native) - **English** (Fluent) - **German** (Fluent but rusty) - **Spanish** (basics)

titaniumkeys@mac.com

yvesbourdic@wanadoo.fr

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titaniumkeys.no-ip.com/resume_en.htm

Upd.: 2007/10/11

Professional knowledge & experience:

Management - Team management - Budget management

Defined strategies & designed tactical frameworks Wrote policies - Formalized risks - Established controls
Managed teams Up to 6 members - Organized workflow - Monitored outcomes - Reported status
Coordinated developments Up to 3 teams - Coordinated advancement - Managed change
Managed budget Made financial decisions - Controlled budget - Established provisional budgets <\$350K

Consulting - Negotiations - Sales

Sold Infosec consulting Designed Infosec architectures - Used IT governance & standards - SANS training
Sold IT consulting Examined IT needs & service needs - Engineered solutions - Promoted Infosec
Negotiated service contracts Settled partnership with IT distributors - Sold appropriate solutions
Presented commercial activities Used brochures and laptops - Sold web sites - Sold services & training

Project management – Infosec management

Infosec management Managed and assessed controls - Used maturity model - Managed incidents
Infosec audits Analysed existing processes - Determined needs considering current controls
Analysed IT needs Wrote questionnaires - Collected information - Wrote reports - Evaluated budgets
Designed & engineered solutions Designed IT architectures - Drafted & designed models - Used ITIL
Engineered Infosec architectures Based on models: 2/3, 3/3, DMZ - Based on tools: SSO, PKI - On demand
Managed data sensitivity Made use of IAC triad - Managed access control - Managed data lifecycle
Ensured compliance with standards & managed IT compliance SOX, ISO 17799 & 27000 standards, COBIT
Engineered & deployed IT & Infosec solutions Implemented best practices - Set up solutions & follow-up
Developed Infosec tools Password & Pass phrase generator - Network monitoring tool - Backup system
Developed web sites Designed frameworks - Managed multilingual content - Built specific CMS

Information technology - Infosec

Wrote Infosec articles Foundations of a robust Infosec - A complete overview of access control
Conducted user awareness lectures Insider threats - Password «best practices» - Trust based management
Conducted training courses Taught in a business school - Designed IT courses - Delivered on site courses
Passed CISSP certification Attended CBK® review seminar - Passed the certification process - CPE
Implemented network compartmentalization Firewalls, IDS, Application firewall, VLAN - Checkpoint, Linksys
Deployed security tools AV, Anti-Spyware - Vulnerability checkers Nessus, Qualys - ZoneAlarm - SNORT
Conducted pen tests Used frameworks - Systems or applications oriented - XSS, John, pwdump
Studied forensics According to the country - Conducted Malwares analysis
Executed system hardening procedures NIST, IASE - Windows XP, UNIX, Linux, Solaris
Coded applications C, perl, bash, wscript, cscript, winsock, .net, Javascript, Java, Flash, PHP, SQL

Employment history:

<i>TitaniumKeys Corp.</i> ITSC - France - Montpellier Canada - Montreal	Infosec consultant - CISSP - (Owner) Security architectures - Policies - Management	Since 01/2004 3 years +
<i>SOS-Ordî Corp.</i> ITSC - Canada - Montreal	Infosec expert Support and maintenance - Assistance	05/2002 - 09/2003 16 months
<i>Orange Inc.</i> Telephony - France - Paris	(Aptus Corp. - Consulting) Infosec specialist - Project manager	04/2001 - 12/2001 9 months
<i>Société Générale Inc.</i> Bank - France - Paris	(G-Fit Corp. - Consulting) Analysis expert - Design and development expert	06/2000 - 12/2000 7 months
<i>AXA Inc.</i> Insurance - France - Paris	(G-Fit Corp. - Consulting) Project manager - Infosec specialist	12/1998 - 05/2000 18 months
<i>GPA Corp.</i> Insurance - France - Paris	Network administrator - Project manager System analyst and developer (PHARES)	05/1992 - 08/1998 6 years +
<i>Loriciel Inc.</i> Software editor - France - Paris	Consultant - Project coordinator Game designer and developer (GUARDIANS)	01/1991 - 04/1992 16 months
<i>Aube-Info Corp.</i> ITSC - France - Paris, Strasbourg	Consultant - IT services provider - (Owner) IT designer and developer	12/1986 - 12/1990 4 years +

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Student jobs:

NMPP Corp. Info center programmer / analyst (Focus 4 - IBM 3090) 05/1986 - 10/1986
Newspaper editor - France - Paris System programmer / analyst (asm. 390 - IBM 3090) 05/1985 - 10/1985

Conceived, designed & engineered a reverse video board for TRS-80, coded 9 bit video RAM management software (1979). Studied electronics, manufactured electronic circuits from designs (1977-1978).

Major accomplishments, articles:

Conceived, designed, engineered & marketed IT tools:

1987 Stand-alone estimate printing system for landscape painters (Sharp 2500) Aube-info
1992 [GUARDIANS](#) puzzle game (Atari ST - Amiga) Loricel

Conceived, designed & engineered IT tools:

1993 - 1997 Computer assisted sales assistant for insurance contract salesmen (Macintosh) GPA
2004 - 2007 [Backups](#), [network monitoring](#), [password generator](#) (UNIX, XP, MacOS) TitaniumKeys

Articles - Publications:

1992 Génération 4 - Joystick (GUARDIANS promotional articles) Loricel
2007 - Present [Strong Infosec architecture](#) - [Access control 101](#) - [Cryptanalysis](#) TitaniumKeys

Education, training courses, certifications:

May 2007 Passed [London Tests of English](#) Level 5 - C2 Montpellier, France
June 2005 Completed CISSP certification process (ISC²) Florida, USA
Dec. 2004 Passed [CISSP](#) exam (ISC²) Paris, France
Sept. 2004 Attended [CBK[®] review seminar](#) (ISC²) Berlin, Germany
Dec. 2002 Achieved [TOEIC certification](#) - Score: 820/990 Montreal, Canada
June 1987 Graduated from [ESI Supinfo](#) - Dissertation on AI (eq. PhD) Paris, France
Oct. 1984 - June 1987 Studied at [ESI Supinfo](#) - «Grande École» Montreuil, France
Sept. 1981 - June 1984 «Grandes Écoles» preparatory studies, Math sup-spé - [L. Kléber](#) Strasbourg, France
June 1981 [Baccalauréat](#) of maths & physics - [L. Turenne](#) Freiburg im Breisgau, Germany

Future certifications:

Personal preparation (2008 horizon):

CISA - ISACA CISM - ISACA CCSP - CISCO

Practical current technical expertise:

	Windows XP, Mac OS X, Linux, Sun Solaris v10, Red Hat ES	(+) A - F (-)
bind (v9.2.3)	Master & slave DNS, TSIG, DNSSEC, rndc, nsupdate, views, logs, acls	A
apache (v2.0.52)	SSI, virtual hosts, URL forwarding, SSL, CGI, PHP, MySQL	A
PHP (v4.3.9)	XSS applicative security, CMS, pen tests	B
mySQL (v4.0.22)	Client - server, access control, cryptography	C
openssl (v0.9.7e)	SSL encryption, certificates, MD5 hash code	A
openssh, putty, vnc, xterm	Network connectivity tool - RSA - Remote access control & key renewals	A
iptables, TCP wrappers	Firewall, TCP access control, IP addresses filter	A
tcpdump, wireshark	Ethernet (IEEE 802.3) TCP/IP packet sniffer	B
ipconfig, nmap	System tool, network mapping tool	C
john, pwddump, dsniiff	Vulnerable passwords assessment tools	B
snort, nessus, Qualys	IDS, vulnerability checkers	C
Tools & protocols:	snmptrap, snmptrad, SNMP, SMTP, MIME, POP3, HTTP, FTP, SSH	A-B
Forensics:	ping, traceroute, dig, nslookup, whois, IP2location	A
Anti malware:	ZoneAlarm, Norton AV, Internet security center, Virex, CounterSpy, Prevx1	A
Applications:	Microsoft office, Visio, Project, StarOffice, OpenOffice, Outlook, MacMail	A
Browsers:	IE, Mozilla, Safari, Firefox, eLinks, lynx	A
Languages:	C, perl, bash, wscript, cscript, winsock, .net, Javascript, Java, Flash, PHP, SQL	A-C

Other interests, references:

Aikido 2nd Dan (1992 - 2007)

Volunteer in the security field

English speaking at the [French American Center](#)

Networking with Linked In ([Yves Bourdic](#))

References available upon request