





<b>Last Name + First Name</b>	VLEGELS WOUTER
<b>Trigramme</b>	VLW
<b>Matricule</b>	1348
<b>TRASYS Employee</b>	Yes
<b>TRASYS Function Name</b>	Security Consultant
<b>Last Updated</b>	25 Aug 2002

## CV SUMMARY

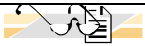
 Personal Information			
<b>Date of Birth</b>	24 Mar 1976	<b>Nationality</b>	Belgian
<b>Career Start Date</b>	01 Jun 1998	<b>Marital status</b>	Married
<b>IT start Date</b>	01 Jun 1998		


 Education			
Year	School / Institution	Degree / Diploma	Qualification level
1996	Universiteit Gent	Kandidatuur Politieke wetenschappen	University (1-y)
1997	Hogeschool Gent	Kandidatuur Bestuurswetenschappen	University (1-y)
1998	Hogeschool St Lieven St.-Niklaas	Regentaat Informatica, Engels en Economie	Highschool (1-y)
2003	Universiteit Antwerpen Management School	Master of Computer Audit	University (2-y)

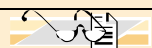
 Professional Certifications		
Year	Institution	Certificate / Training Name
1999	Microsoft	Microsoft Certified Professional in Internet Technologies (MCP-I)
1999	Microsoft	Microsoft Certified Systems Engineer (MCSE)
2000	Checkpoint	Certified Checkpoint Security Administrator (Firewall-1)
2000	ISACA	Certified Information System Auditor (CISA)
2000	Entrust	Certified Entrust Consultant
2001	(ISC) <sup>2</sup>	Certified information Security Specialist (CISSP)
2002	EXIN	ITIL Foundations Certificate

 Professional Trainings		
Year	Place	Training Name
Oct 99	Brussels – (Microsoft Certified Training Centre)	Networking Essentials – Microsoft Certified Systems Engineer (MCSE) Training
Oct 99	Brussels – (Microsoft Certified Training Centre)	Implementing and administering Windows NT 4.0 Workstation

Nov 99	Brussels – (Microsoft Certified Training Centre)	Implementing and administering Windows NT 4.0 Server – MCSE Training
Nov 99	Brussels – (Microsoft Certified Training Centre)	Implementing and administering Windows NT 4.0 Server in the Enterprise – MCSE Training
Nov 99	Brussels – (Microsoft Certified Training Centre)	Implementing and administering Internet Information Server 4.0 – MCSE Training
Dec 99	Brussels – (Microsoft Certified Training Centre)	TCP/IP Networking – MCSE Training
Mar 00	Brussels – (Microsoft Consulting Services)	Microsoft Master class in Windows 2000 Security
Apr 00	Paris - France	Checkpoint Firewall 1 – Certified Checkpoint Security Administrator
Oct 00	Brussels – (Microsoft Certified Training Centre)	Upgrading skills Windows NT 4.0 to Windows 2000 – MCSE Training
Oct 00	Brussels – (Microsoft Certified Training Centre)	Designing Windows 2000 Active Directory – MCSE Training
Nov 00	Brussels – (Microsoft Certified Training Centre)	Designing Secure Windows 2000 network – MCSE Training
Nov 00	Ottawa - Canada	Entrust PKI Implementation Training – Certified PKI Consultant
Apr 01	San Francisco - USA	RSA Security Conference

	<b>Professional Affiliations</b>
<b>Affiliation Name</b>	
<ul style="list-style-type: none"> <li>- Member of the Information System Audit and Control Association - ISACA</li> <li>- Member of the Institute of Forensic Auditors - IFA-IAF</li> <li>- Member of the International Information Systems Security Certification Consortium - (ISC)<sup>2</sup></li> </ul>	

	<b>Language Knowledge</b>		
Language	Reading	Speaking	Writing
Dutch	5	5	5
English	4	4	4
French	3	3	3
German	3	3	3



## Profile Summary

Mr Vlegels started his career in 1998 as an IT auditor for **Deloitte & Touche** Enterprise Risk Services. He was involved in general IT control audits and system reviews. He was most of the time engaged with Software License Compliance Audits. It was the objective to make a statement whether the reporting duties of either the customer or large account reseller were performed in a correct manner. He performed these audits for the largest software company of the world and others. He became certified as a Microsoft Sales Specialist.

Later he changed to **KPMG** Computer Audit Services, where his job was similar to that of Deloitte & Touche. He had to perform general IT control audits. Additional to those assessments he also performed more technical reviews like Windows NT security audits. He became Microsoft Certified Systems Engineer for Windows NT4 and Microsoft Certified Professional in Internet Technologies. He also attained upgrade courses for his re-certification for MCSE Windows 2000, for which he will take the exams shortly.

In the beginning of 2000 he started to work for **Ubizen**. The work he performed is that of a security consultant, integrating security in (NT-) based networks by implementing firewalls, VPNs and PKI. He became Checkpoint Certified Administrator (Checkpoint Firewall-1) and passed the Certified Information System Auditor (CISA) exam organized by the Information System Audit and Control Association (ISACA). He's also certified by the Information System Security Consortium (ISC)<sup>2</sup> as a Certified Information System Security Specialist (CISSP). He followed several PKI trainings; one of them is the Entrust Implementation Specialist course where he became certified as an Entrust PKI consultant.

He was engaged in several PKI implementations in the financial sector as well as in the energy sector and the government. Apart from the technical PKI implementations he actively supported PKI services within Ubizen by writing a formal PKI implementation methodology. Since he works with confidential and secret information he holds a **security clearance level – 'secret'** for government and NATO institutions.

Wouter is currently engaged in reviewing information security practices within the Suez Group. The main responsibility is to help define the baseline security for all mission critical information systems within the Suez group and Electrabel in particular. In order to identify the mission critical systems and applications he prepares and performs a risk analysis. He works closely with the IT Governance department and report to the IT security manager.



## PROFESSIONAL EXPERIENCE



## PROJECT

<b>Project Name</b>	Security	
<b>Company</b>	Trasys	<i>From 01-MAR-02</i>
<b>Customer</b>	Electrabel	

<b>Description</b>	Information Security Risk Assessments, IT Security Policy Development, Security Audits, System Hardening
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<b>Functions</b>	Consultant
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<b>Role</b>	Wouter is engaged in reviewing information security practices within the Suez Group and Electrabel in particular. The main responsibility is to help define the baseline security for all mission critical information systems within the Electrabel. In order to identify the mission critical systems and applications Wouter prepares and performs a risk analysis. He works closely with the IT Governance department and reports to the security manager.
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<b>Project tools</b>	Windows 2000 Server Windows NT4 (Client), Cobit, BS7799, ITIL
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## PROJECT

<b>Project Name</b>	Security	
<b>Company</b>	Ubizen	<i>From 01-Mar-00 to 28-Feb-02</i>
<b>Customer</b>	N/A	

<b>Description</b>	PKI implementations VPN configurations Security Reviews and Audit Security Policy Design
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<b>Functions</b>	Security Consultant
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<b>Role</b>	Evaluating and auditing existing security environments and integrating security in new environments. Making use of cutting edge security technology like firewalls, Virtual Private Networks (VPN) and Public Key Infrastructures (PKI). Wouter was the principal consultant for the implementation of the Public Key Infrastructure of Electrabel, National Bank of Belgium and Elia.
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<b>Project tools</b>	Windows Environment, Unix Environment, Entrust PKI, Windows PKI, RSA, Baltimore, Microsoft Office suite.
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## PROJECT

<b>Project Name</b>	IT control audit – Security Audit	
<b>Company</b>	KPMG Computer Audit Services	<i>From 01-Sep-99 to 28-Feb-00</i>
<b>Customer</b>	N/A	

<b>Description</b>	General IT Control audits Security reviews
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<b>Functions</b>	Consultant
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<b>Role</b>	Wouter performed general IT control audits. The objective was to get an overview of the internal control measures taken for the automated environment of the auditee. Additional to those assessments, Wouter performed more technical reviews like Windows NT security audits. He performed these audits for several financial institutions, using various computer assisted audit techniques like the report tool Qubus from KPMG.
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<b>Project tools</b>	Windows NT4 (Client), Qubus (CAAT)
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## PROJECT

<b>Project Name</b>	IT control audits	
<b>Company</b>	Deloitte & Touche	<i>From 01-Jun-98 to 31-Aug-99</i>
<b>Customer</b>	N/A	

<b>Description</b>	General IT Control audits
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<b>Functions</b>	Consultant
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<b>Role</b>	Wouter was involved in general IT control audits and system reviews. Most of his time he was engaged with Software License Compliance Audits. It was the objective to make a statement whether the reporting duties of either the customer or large account reseller were performed in a correct manner. He performed those audits for the largest software company of the world and others.
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<b>Project tools</b>	ACL, Excel, MS Access, Windows NT
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## BUSINESS EXPERIENCE

Business Areas	Business Specialities	Months	Last Year
Financial Institutions	Security and Audit	50	2002
Government	Security and Audit	48	2002



## IT EXPERIENCE

### Skills and Experience

**Specialization:** vulnerability assessment, network security, penetration testing, access control, correct deployment and design of cryptography, risk analysis, trust models, ...

**Security Protocols & Concepts:** SSL, TLS, SSH, IPsec, VPN, RSA, DH, (3)DES, Rijndael, Hash functions, Kerberos, PKI, PGP, OPSEC, multilayered defense, Solaris & Windows OS hardening, physical protection, tamper resistance, biometrics, buffer overflow, (D)DoS, sniffing, spoofing, hacking, hijacking, social engineering, anti

**Network Protocols & Concepts:** (R)ARP, ICMP, SNMP, TCP/IP, UDP, DHCP, BOOTP, DNS, HTTP, FTP, SMTP, DMZ, VLAN, Ethernet, hub, switch, bridge, router, firewall, proxy, LDAP, client-server, load balancing, high availability, failover, ...

**General:** Windows, Solaris, Linux, MS Office, CheckPoint, IIS, IPlanet, ...

Tool Class	Tool Manufacturer	Tool Name	Months Used	Last Year Used
OPERATING SYSTEMS	Consortium	Linux	50	2002
	Microsoft	Windows 2000	24	2002
	Microsoft	Windows 2000 Advanced Server	24	2002
	Microsoft	Windows 2000 Professional	24	2002
	Microsoft	Windows 2000 Server	24	2002
	Microsoft	Windows 95	50	2000
	Microsoft	Windows 98	50	2000
	Microsoft	Windows Me (Millennium)	50	2000
	Microsoft	Windows NT Server	50	2002
	Microsoft	Windows NT Server 4.0	50	2002
	Microsoft	Windows NT Workstation	50	2002
	Microsoft	Windows NT Workstation 4.0	50	2002
	-	TCP/IP	50	2002
PROTOCOL	-	Directory Server	50	2002
WEB SERVERS	Checkpoint	Firewall-1	50	2002
	Microsoft	MS Internet Information Server	50	2002
		MS Site Server	50	1998
Certificate Authorities	Entrust	Entrust PKI	24	2002
	Baltimore	Baltimore PKI	24	2002



**VLEGELS WOUTER**

Curriculum Vitae



	Microsoft	Windows 2000 PKI	36	2002
Security Standards	-	BS7799	36	2002
	-	Common Criteria	36	2002
Audit Framework	ISACA	COBIT	50	2002