

# JURGEN KOBIERCZYNSKI

Network & Security Engineer

Bevrijdingslaan 2  
3590 Diepenbeek

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## PROFESSIONAL SUMMARY

Jurgen Kobierczynski is a seasoned Network and Security Engineer with over 25 years of experience securing and optimizing IT infrastructures for organizations like Telenet, Cag Gemini, and the National Lottery. Specializing in Check Point, Palo Alto, Juniper, and Fortinet firewalls, he excels in resolving complex network issues, implementing secure VPNs, and conducting penetration testing to mitigate vulnerabilities. Certified as a CEH and Fortinet Associate, Jurgen combines hands-on expertise with tools like Nessus, Metasploit, and Wireshark to deliver robust, compliant solutions. His proven ability to reduce incident resolution times by up to 35% and enhance security postures by 90% demonstrates his value in high-stakes environments. A lifelong learner fluent in Dutch and English, he brings technical precision and collaborative leadership to every project.

## WORK EXPERIENCE

**Network Security Engineer**  
Telenet, Lierssesteenweg 4, 2800 Mechelen  
01/2022 - 08/2023

Resolving support and change requests from customers for Check Point, Palo Alto, Infoblox, and F5. Collaborating with clients, analyzed, researched, and tested to resolve complex network and security issues, such as firewall configuration conflicts and DNS problems. Implementing solutions, including secure VPN connections via Check Point, with 30% faster delivery times. Acting as an escalation point for junior colleagues and coordinated change management for critical updates.

**Network Consultant**  
Cag Gemini, Hermeslaan 9, 1831 Machelen  
05/2021 - 08/2021

Conducted internal and external penetration testing to identify and mitigate security vulnerabilities, ensuring compliance with industry standards. Performed comprehensive assessments using tools like Nessus, Metasploit, Burp Suite, and Nmap, uncovering critical vulnerabilities in 95% of tested systems. Developed and executed tailored attack simulations, including network exploits, reducing potential attack surfaces by 40%. Documented findings in detailed reports with actionable recommendations, improving customer security posture and stakeholder confidence.

**Network Engineer**  
National Lottery, Belliardstraat 25, 1000 Brussel  
02/2004 - 09/2019

Configured, implemented, and optimized the National Lottery's network infrastructure, ensuring robust security and 99.97% uptime for critical operations (1000+ users, 200+ servers). Conducted analysis, research, and testing to resolve complex network and security issues on online network, B2B network, Out-of-Band, VoIP, Wireless LAN, internet services, reducing incident resolution time by 35%. Documented network configurations and procedures, streamlining onboarding for new team members and improving operational efficiency with 30%. Led a project to enhance network security by implementing Juniper and Check Point firewalls, mitigating 90% of identified vulnerabilities.

**System Engineer**  
Traffic / SYKES / SDL International, Leuven, Lubbeek  
02/1998 - 06/2003

Supported 100+ users, PC helpdesk support, resolving hardware, software, and email issues for 100+ users. Configured, installed, and supported network infrastructure, including Windows servers, Linux servers, IIS, Exchange, MS-SQL, Active Directory, DHCP, DNS, ensuring 99.9% system availability. Led the physical relocation of IT infrastructure from Lubbeek to Leuven, coordinating the move of servers, workstations, and network equipment with zero data loss. Documented configurations and support procedures.

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## EDUCATION

Industrieel Ingenieur Electriciteit  
KIHL Diepenbeek  
1991 - Graduation in 1995

Thesis: Interactive Analysis Device for Hardware Testing of Automated Installations

ACE Telecommunicatie

GroepT Leuven  
2000 - Graduation in 2003

Thesis: Cisco Netflow Accounting using FlowScan in Solaris

## CERTIFICATIONS

CEH - ECC7629540381

Fortinet Certified Associate CyberSecurity

## SKILLS

### Networking

Cisco Networking, Routing, switching, PIX firewall, Cisco WAN controllers, Cisco VoIP

Network Protocols: TCP/IP, Routing, Switching, Ethernet, VLAN, IEEE 802.1X, HSRP, VRRP, QoS, ARP, LACP, CDP, LLDP, STP, DNS, DHCP, OSPF, BGP, ICMP, IGMP, FTP, SFTP, SSH, SMTP, POP, IMAP, MAPI, SNMP, Radius, TACACS+, NTP, TFTP, LDAP, GRE, L2TP, IPsec, OpenVPN, PPTP, VPN, SSLVPN, RDP, Active Directory, SMB, NFS, X11, Netflow, SOCKS, HTTP/HTTPS

### Firewalls

Check Point Firewall, IPsec VPN, Intrusion Prevention System (IPS), Application Control, Identity Awareness, Data Loss Prevention (DLP), Web Security, URL Filtering, Anti-Bot, Antivirus, Anti-Spam, Advanced Networking and Clustering, Voice over IP (VoIP), Threat Emulation (SandBlast)

Palo Alto Networks, Firewall, Panorama

Juniper Firewall ScreenOS / NSM / SA2500 SSLVPN / IC4500 Infranet controller

Pulse Secure

Fortinet Gateway, Fortinet Analyzer, Fortinet Manager

Symantec, Linux IP Tables, Cisco IOS, PIX, Fortinet, ASA, PFSense

### Virtualization / Network Simulation

VMWare, vSphere, ESX, ESXi, NSX 6.0, Oracle VirtualBox, Docker, Proxmox, EVE-NG, GNS3

### Operating Systems & Systems

Linux RHEL, CentOS, Kali, Parrot, Ubuntu, Debian, Windows 10, 11, Windows Server 2012, 2016, 2022, Azure, MacOS, OpenBSD

### Network Monitoring & Tools

Apache, NGINX, HAProxy, Tomcat, net-tools, smokeping, Zabbix, NGINX, Samba, Wireshark, NI Observer, GNS3, Cisco Packet Tracer, SolarWinds, NetFlow Analyzer, PRTG

Network Monitor, Nmap, Zenmap, PuTTY, Tera Term, SecureCRT, Angry IP Scanner, Nagios, Zabbix, Cacti, OpenNMS, iPerf, MTR, traceroute, ping, Netcat, tcpdump, Prometheus, Grafana, Graphite, HackRF, Proxmark

### Access Control

Freeradius, IAS, Vasco tokens, Juniper Infranet controllers

### Endpoint Security

Wazuh, OSQuery, ClamAV, Snort, Suricata, Velociraptor, Zeek, Rkhunter

### Databases

MySQL, PostgreSQL, Access, IBM DB2, Microsoft SQL, SQLite, Mongo, Redis

### Vulnerability Assessment

Nessus, OpenVAS, Nmap, Hping3, Aircrack-ng, Kismet

### Security Information and Event Management (SIEM)

Splunk, Elastic SIEM, ELK, OSSEC, Security Onion

### Programming

C, Perl, Python, Bash, Ansible

### Security & Application Assessment

Metasploit Framework, Hydra, gobuster, Sqlmap, John the Ripper, Sqlmap, WPScan, Hashcat, Maltego, Recon-ng, SET, Wapiti, BeEF, Cain & Abel, Armitage, CME, NetExec, Mimikatz, Responder, impacket, Bloodhound, Burpsuite, ZAP, Nikto, Dirb, Wapiti

### Ethical Hacking, pentesting

Active on HackTheBox, TryHackMe

## LANGUAGES

Dutch  
English (advanced)  
French (basic)

## DRIVER LICENSE

Driver license B