Job Title	Network & Security Expert

Organisation	**Challenge Airlines BE**
Reports to	IT Infrastructure Manager
Location	Liège, Belgium
Position Code	**CHG92**
Job Purpose	The Network & Security Expert is responsible for the design, implementation, and management of secure and resilient network infrastructure across on-premises and cloud environments. This includes firewalls, switches, routers, VPNs, wireless systems, and threat detection platforms. The role is central to ensuring the availability, integrity, and confidentiality of IT systems, while aligning with organizational security policies and compliance requirements.

Responsibilities	• **Network Architecture & Operations:**
	  ○ Design, configure, and maintain LAN, WAN, WLAN, and VPN infrastructures across global sites.
	  ○ Manage enterprise switching and routing platforms (e.g. Arista, Cisco).
	  ○ Ensure optimal network performance through proactive monitoring, tuning, and capacity planning.
	  ○ Document network topologies, IP addressing schemes, and failover strategies.
	
	• **Security Enforcement & Incident Management:**
	  ○ Manage perimeter security solutions including NGFWs, and IDS/IPS systems.
	  ○ Configure firewall rules, segmentation policies, and user access controls (e.g., NAC, VLANs, 802.1X).
	  ○ Conduct regular vulnerability scans and support patch management workflows.
	  ○ Secure connectivity to cloud services (Azure, AWS, OCI), including transit routing, and VPN gateways.
	  ○ Apply zero-trust principles in hybrid network environments
	  ○ Manage identity federation and multi-factor authentication (MFA) for remote access and SaaS services.
	
	• **Compliance & Documentation:**
	  ○ Enforce compliance with internal and external standards (ISO 27001, NIST).
	  ○ Maintain security policies, risk assessments, and operational runbooks.
	  ○ Collaborate with auditors and IT stakeholders to demonstrate control effectiveness.

Job Requirements	

Education	• **Education & Certifications**
	  ○ Bachelor's degree in computer science, IT, or a related field (preferred).
	  ○ Industry certifications are a strong advantage:
	  Networking: CCNA, CCNP, CCIE

Experience, Skills, and Personal Attributes	• **Experience:**
	  ○ 2-5 years of experience in network and security engineering in enterprise environments.
	  ○ Deep knowledge of routing/switching protocols (BGP, OSPF, STP, VRRP), and firewall administration.
	  ○ Familiarity with SIEM, IDS/IPS, EDR, and VPN infrastructure (IPsec, SSL VPN).
	  ○ Experience with security platforms like Palo Alto.
	  ○ Experience in integrating hybrid cloud security models and managing SD-WAN deployments.
	• **Skills:**
	  ○ Strong analytical and troubleshooting capabilities in network performance and security contexts.
	  ○ Ability to work under pressure during security events or critical outages.
	  ○ Strong written and verbal communication for documentation and incident reporting.
	  ○
	• **Personal Attributes**
	  ○ Proactive, self-motivated, and eager to learn new technologies.
	  ○ Strong communication and interpersonal skills.
	  ○ Ability to work independently and as part of a global IT team.