

# Kristof Ulrix

## Curriculum Vitae

### Personal information

First names: Christoffel Jozef Paul (**Kristof**)  
Last name: Ulrix  
Date of birth: September 29, 1966  
Place of birth: Bilzen, Belgium  
Nationality: Belgian  
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### Education

#### Basic school:

Vrije lagere jongensschool Bilzen (1972-78)

#### High school:

O.L.V. College Tongeren, 1<sup>st</sup> moderne, not passed (1978-79)

St.-Lambertus College Bilzen, 1<sup>st</sup>-3<sup>rd</sup> moderne, passed (1979-82)

St.-Lambertus College Bilzen, 4<sup>th</sup> and 5<sup>th</sup> We A, not passed (1982-84)

T.I.H.Hart Hasselt, 5<sup>th</sup> and 6<sup>th</sup> industrial informatics, distinction (1984-86)

#### University:

K.I.H.Limburg, Industrial engineer, option chip-design, distinction (1986-90)

Theses: "Finding the point of impact from an object in a plane with a camera and a PC."

### Languages

Dutch (mother tongue), English (fluent), French & German (fairly)

### Certifications

CCNA (Cisco Certified Network Associate) certified on October 4, 2000

CCNP (Cisco Certified Network Professional) certified on May 3, 2001

CCIE-written (Cisco Certified Internetwork Expert) certified on July 3, 2002

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December 23, 2013

## Courses

BSCN, Building Scalable Cisco Networks: January 29 - February 2, 2001  
BCMSN, Building Cisco Multilayer Switched Networks: February 26 - March 2, 2001  
BCRAN, Building Cisco Remote Access Networks: April 23 - 27, 2001  
CATM, Cisco ATM solutions: November 5 - 9, 2001  
AMVS, Advanced MPLS VPN Solutions: December 17 - 21, 2002  
CCIE preparation Lab: June 17 - 28, 2002

## Career profile

I always liked the technical side of things. If I see something, I always want to know how and why its works. That is why I became an engineer.  
I designed hard and software from leaving school until June 2000.  
At that moment I just wanted to do something else for a change,  
that's why I started studying for my CCNA in August 2000. This led to my CCNP in 2001.  
I also passed the CCIE-written exam in 2002.  
In 2010 I started working with Cisco VoIP. At Dexia I consulted on their migration to Cisco Voip  
I have always been able to turn my hobbies into my work. I would like to continue like this.

## Previous assignments

### April 2012 – Now: SatADSL, Brussels

SatADSL is a satellite provider in the sub-Saharan Africa  
Developing and implementing an NMS to monitor and control the traffic to client-terminals.  
Configuring Cisco devices, VMware FT cluster with P4000 vSAN. Scripting in Perl. Monitoring website in PHP. MySQL database to contain all data.

### August 2011 – December 2012: SML, Genk

SML is a supplier for Ford Genk.  
Optimalisation and documentation of the network.  
Implementation of network management tools: Zabbix, MRTG, NetDisco  
Preparing and executing the migration to a complete Cisco network.

### August 2010 – July 2011: Dexia, Brussels

VoIP implementation with Cisco Call manager. First and second line support. Automation of provisioning process in VBA,  
Writing a toolbox in PHP and Perl to fully automate the provisioning process and to make the MAC's easier to execute. Communication with CUCM is done via an AXL-SOAP interface.

### March 2010 – June 2010: GPM II

Project for an artist. Redesign of the GPM project. Main controller based on a TI Stellaris uController. Server software in MySQL and PHP.

### December 2009 – January 2010: After All

Project for an artist. Design of a stepper motor controller.

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### January 2009 – October 2009: Veolia Transport, Breda

Free-lance network-consultant, network design. IP-management.

Preparation and implementation of a complete IP-renumbering.

Management of 40+ xDSL locations. C87x routers with HP2524 switches.

Design of a new core network consisting out of:

- Nortel ERS-5650-TD Switches, 2 locations, each location 2 switches connected with separate 1Gbit links
- Virtual FW-1 on VMware
- HP C-Class Blade with Flex-10 network interfaces

Design and implementation of a dual-homed BGP-uplink to the provider by means of 2 Cisco 3825

routers with VRF-lite. Optimization of a Wifi network on 14 locations with 30+ Cisco Aironet 1300

Series Access Points. Design and roll-out of WatchGuard FW for remote sites via Internet.

Maintenance on Cisco PIX 515E and PIX 501.

### March 2007 – October 2008: GPM

Project for an artist. Based on following technologies: GPS, GPRS, Symbian on Nokia N95, Debian, steppers, digital I/O and WIFI-position determination.

### July 2004 – April 2008: Newtec Cy, St. Niklaas

Free-lance network-consultant, network design.

Design and realization of the network part of the DVB-RCS project. (Digital Video Broadcast – Return Channel via Satellite) Installation and upgrade of several customer networks in Lessieville, Denver, Hong-Kong, Shenzhen.

Given training: TCP-IP theory and hands on courses.

Implementation of Multicast and VoIP via satellite.

Cisco equipment used: Cisco 7204VXR, C2950, C3550, C3560

### April 2001 - February 2003: Essent Kabelcom, Maastricht

Free-lance network-consultant.

IP-Management.

Installing and configuring a DNS (NetID).

Configuring network elements:

Cisco 8540, Cisco 7X00, Cisco 36X0, Cisco 2500, Cat5K, Cat4K, Cat3548

Routing protocols: RIP, OSPF, EIGRP, BGP, mBGP, IS-IS

Routed protocols: IP, IPX

Management software

- Configuring MRTG to monitor network elements.
- Using CiscoWorks2000 for configuration management
- Using NetCool for event management
- Using HP-OpenView for element management

Training given:

- Basic Networking for Level2 support engineers (3 days)
- CCIE-prep lab (10 days)

### November 2000 - March 2001: Dimension Data, Brussels

Free-lance network-consultant

First line support for customers using network services from Dimension Data.

### May 1999

Started UK-Systems, b.v.b.a, my own limited company.

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**June 1997 – June 2000: Xeikon N.V. – Mortsel, Antwerp**

Technical consultant & developer (R&D Department)

Design of hardware and software for a professional digital imaging printer. (electro photography technology). Debugging of parts, from software until the core hardware. Trouble-shooting of the electro-photography process to optimize the print quality.

Fairs I've been to as an R&D engineer for support:

February 2000: CeBIT Hannover

April 2000: On Demand Tokyo

May 2000: Drupa Düsseldorf

Continuation of the project started at Agfa, which was bought by Xeikon in June 1997.

**July 1993 – May 1997: Agfa-Gevaert N.V. – Edegem, Antwerp**

Technical consultant & developer (R&D Department) See above.

**June 1993 – July 1993: Agfa-Gevaert N.V. – Mortsel, Antwerp**

Design of a motor controller for DC-motors with encoder feedback.

**January 1993 – March 1993: Agfa-Gevaert N.V. – Mortsel, Antwerp**

Design of a laminator for proofing for offset printing. Design of a speed and temperature controller.

**March 1992 – December 1992 :Philips, EMT-test - Hasselt**

Technical consultant & developer (R&D Department)

Design of hardware and software for pcb-test equipment. Programming a component tester for VGA-monitor-pcb's. Design hardware for a functional test. Implement the complete functional test procedure. Installation and delivery of the complete system in Sweden.

**November 1991 – February 1992: TIC Diepenbeek**

Design of a digital dimmer device compatible with the DMX-512 standard. Prepare the design for production. Writing software in assembly on an 8051 processor.

**October 1990 – October 1991**

Service in the Belgian army.

I did my service as a KRO (Kandidaat Reserve Officier)

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