

Mateusz Błaszczyk

Born: 28 August 1977, Warsaw, Poland

Current location: Dublin, Ireland

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Recent Projects

- Design of Core and Aggregation MPLS network supporting L2 VPNs
- Implementation of Packetfront's BECS3 NMS system in Magnet's network
- Selection, testing and implementation of Magnet's metro access devices including EFM technology

Experience

- **8 years** of experience in networking field in service provider environment consisting of Operations, Support and Design roles in various networks – SDH, ATM, Frame Relay, Ethernet, IP and MPLS.
- **Service Provider networks:** support, design and implementation of SDH, ATM and Metro Ethernet core networks as a foundation layer for both TDM and IP infrastructure and clients.
- **Business Services:** design and testing of business CPE and services
- **Residential Services:** design and testing of multiple CPEs (xDSL, FTTH) and services
- **NMS:** design and implementation of Packetfront's BECS3 system serving FTTH and xDSL access technologies
- **SP Services:** design and implementation of in-house NMS systems including open-source technologies to support NOC teams, Business Support as well as Billing Department to allow more precise estimation of network costs and performance
- **Troubleshooting:** good experience in undergoing 3rd level troubleshooting in complex networks – SDH, ATM, Ethernet and IP/MPLS
- **SBE Networks:** design of customer VPN networks, customer internet access and network architectures.
- **Testing:** both vendor and technology testing aiming for incorporation of innovative and more efficient solutions into production networks and services.
- **Programming:** using and programming most common un*x scripting languages – shell, php, perl; also C programming.
- **Servers:** advanced level of administration of both Sun and Linux servers
- **Routers:** Cisco 2600, 3600, 3800, 720x, 730x, 760x Series; Juniper M7i; Packetfront ASR4k, ASR10k
- **Switches:** Ethernet: Cisco ME3400, ME6500 and Cat3750, Cat6500 Series; SDH: Sagem ADR155, Axxessit AXXEDGE; ATM Cisco Cat8540MSR Series;
- **DSLAMs:** Packetfront IPD1248 (ADSL2+); ZyXEL IES5000 (ADSL2+, SHDSL); Hatteras HN4000/HN400 Solution (IEE 802.3ah, G.SHDSL)
- **Modems/CPEs:** Telsey (FTTH, ADSL2+), ZyXEL (xDSL)

Social skills

- **Team skills:** creative, self-disciplined and persistent with exceptional ability to drive project through all phases to its completion, good team player, always ready to share and exchange his knowledge with other members of the team
- **Languages:** English – fluent, Polish – native, German – basic
- **Communication and Cognitive:** good analytical and documentation skills

Employment history

12/2005 – Present

Magnet Networks (Dublin, Ireland)

Roles: Network Engineer, Senior Network Engineer

I have designed, implemented and operated BECS3 NMS system into Magnet's FTTH and LLU ADSL2+ footprint. I have designed Magnet's L2 VPN infrastructure using Cisco ME6524 switches and c7600 Series. I have written numerous scripts and tools for better integration of Magnet's networking infrastructure with NOC, Support and Provisioning teams. I have successfully undergone selection and testing of Magnet's both ADSL2+ and FTTH residential CPEs and business Metro Access CPE. I have worked closely with project and product management to design and create new services for both residential and corporate part of the business. Furthermore I have provided a 3rd tier support for NOC team.

3/2000 – 11/2005

NASK – National Research and Academic Networks (Warsaw, Poland)

Roles: Network Operator, Network Engineer

Firstly I worked for NOC department, where I have achieved great knowledge of managing and troubleshooting ATM and IP networks as well as Linux and SUN servers. Then after 2 years I moved to Network Development department. Here I have possibility to design customer VPN networks, customer internet access and network architecture for NASK core networks. My main topics were designing QoS (Quality of Service) architecture and testing environment, also in-depth research on MPLS. Other topic was building and implementing network management software for the NOC team. I had completed many smaller projects for our customers, including internet access, vpn design. Lastly my main duty was designing SDH/ATM core network upgrade. I was involved in building our in-house network management solution together with hardware inventory, trouble ticketing and network costs calculation software.

Certifications, education

- Master's Degree “MultiProtocol Label Switching in ATM networks”, *Politechnika Warszawska* (Warsaw University of Technology)
- Cisco CCNP certificate in 2006
- Cisco CCIE/Service Provider (written), lab exam scheduled for late 2008
- Introduction to Juniper M/T Series Routers training by Ericsson
- Using and Administration of Cisco CIC/Reporter training by Ericsson
- DWDM Transmission Systems training by EduTel
- Foundation Course in Cisco ATM Catalyst 8500 training by NCR
- Business Negotiations training by Moderator

Interests

- Networking, MPLS
- Future of computing
- Photography, hiking, mini cars