

Exigent Network's Summer News 2010

Introduction:

Exigent are now into our fourth year of trading and our appetite for business and technology is as strong as ever. Already in 2010 we are seeing a much greater interest in infrastructure investments from new and existing clients which can only be a positive sign of things to come.

The first quarter of this year has been our best to date with new service contract wins in Offaly and Monaghan County Council as well as Cork and Waterford City Councils. We have also won a number of large new projects namely the IT infrastructure at the new Cork Medical Clinic in Mahon and the entire network infrastructure fit-out at the Old ESB building in Waterford City where Waterford Wedgwood Royal Doulton will locate their new tourist trail, gallery and prestige factory.

Exigent Networks have also been engaged in a number of microwave radio link upgrades with local authorities where the network stability of their Wireless WAN radio links was becoming of greater importance and could not be provided by older radio technologies such as the 2.4 GHz radio frequency range. This has been achieved through a mix of unlicensed radio links in the 24GHz and 5.4GHz ranges and licensed radio links from 7GHz up to 38GHz.

The shareholders of Exigent have also been involved in a new venture that will provide telecom services to corporate and government organisations across the country. Irish Telecom will combine a mix of fibre optic and licensed microwave infrastructure to provide end to end high bandwidth telecommunications solution for our customers. Gabi Benaim has been appointed general manager and would be happy to talk to you in more detail about the services Irish Telecom can offer. Also please see www.irishtelecom.com for more details.

Below we have provided some additional company news updates, new product information and some technical tips that may be relevant to your organisation. Also included is our popular newsletter competition so please don't forget to enter to be in with a chance to win. Thanks for taking the time to read our newsletter, we hope the information provided will be of benefit to you. Have a great summer from all the team at Exigent!

Cillian McCarthy
Director



News:

- **Exigent Team completes Cork City Marathon for the Irish Cancer Society:** Exigent recently participated as a relay team in this year's Cork City marathon in aid of The Irish Cancer Society and we are on target to raise €4,000 for this incredibly worthy cause. The members of 'Team Exigent' were Cillian McCarthy, Paul Casey, Gabi Benaim, Pat Downing and Mary Creed.
- **Cork City Upgrades its City WAN with Exigent:** Cork City Council has recently awarded a contract to Exigent Networks to build and maintain a new high bandwidth wireless network across the city to connect the remote offices back to City Hall. Our solution will allow the remote offices to upgrade their bandwidth in some cases from 128Kb/s to between 10 and 20 Mb/s.
- **Offaly County Council chooses Exigent for Maintenance and Core Link Upgrade:** Offaly County Council have partnered with Exigent Networks to provide maintenance services on their licensed Microwave WAN. As part of the contract, we have also upgraded the core licensed microwave link to a new SAF Phoenix 180Mbps product enabling Offaly County Council to enjoy up to 6 times more bandwidth to their remote offices.



- **Waterford City Council Infrastructure Upgrade:**

Exigent Networks were awarded a contract to redesign the Waterford City Council's wireless WAN network to improve bandwidth and stability. Our solution uses a combination of licensed and unlicensed products and has enabled the Council to roll out more connectivity dependant services across their network. Exigent were also awarded the entire network fit-out of the Council's new offices in the City Centre, the network was built on a Cisco platform and will provide gigabit connectivity to all members of staff.



- **Waterford Wedgwoods new tourist trail at the Old ESB site:** Exigent Networks have been working closely with Waterford Wedgwood Royal Doulton (WWRD) to roll out their communications infrastructure at the new showroom and factory facilities in waterford City. The showroom, located in the newly renovated ESB building, will allow visitors from around the world have a glimpse of the crystal making artform that has made Waterford Crystal famous the world over.
- **Sheehan Medical's New Cork Clinic:** Exigent are currently in the process of installing the communications infrastructure at the New Cork Medical Clinic which is due to be opened in August 2010. The infrastructure will enable 10 Gbps Ethernet transmission over a full 100 meters of UTP cable.

Product Highlights:



SAF Phoenix Microwave Link

- High capacity system with up to 20 E1 channels and up to 366 Mbps Gigabit Ethernet is ideal for building hybrid networks to facilitate transition from TDM traffic to Ethernet only
- Industrial grade fanless design increases reliability and enables low power consumption
- Excellent upgrade for existing PDH split mount systems
- Most up-to-date technology utilizing 256QAM modulation and 56MHz channel bandwidth allows high capacity throughput up to 366 Mbps
- ACM (Adaptive Coding and Modulation) and ATPC (Automatic Transmit Power Control) for high availability and high density deployments
- Up to 4093 concurrent VLAN traffic allows building many port-to-port networks paths for specific client services
- Jumbo frame size supports 9728 bytes, which allows using longer header info (VLAN, MPLS) and transmitting more useful content and less headers, thus gaining on total throughput

Competition:



We would also like to offer you the chance to win one of 2 IPOD Touch MP3 players, all you need to do is fill out the 5 quick questions in the attached survey within 1 week of receiving this newsletter. Click on the following link to be in with a chance to win!

www.exigentnetworks.ie/survey

Accreditations:

- **Cisco** - Exigent are Premier Partners with Cisco
- **3Com** - Exigent are Silver & Voice Partners with 3Com
- **Proxim** - Exigent are Gold Wireless Partners with Proxim
- **Ceragon** - Exigent are Irish Distributors with the fastest growing Microwave IP company in the world
- **SAF** - Exigent are the Sole Irish Distributors of SAF Tehnika PDH, SDH & IP Microwave solutions
- **Citrix** - Exigent are Silver Solution Advisors with Citrix, specialising in appliance consulting



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