Catalyst introduces New IP Console

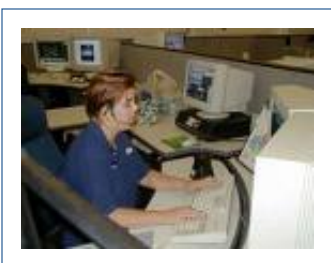Catalyst Communications unveiled its new IP Console product at the 2008 IWCE show and conference in Las Vegas. The new IP Console features a new Graphical User Interface that allows you to customize channel features and functions individually.
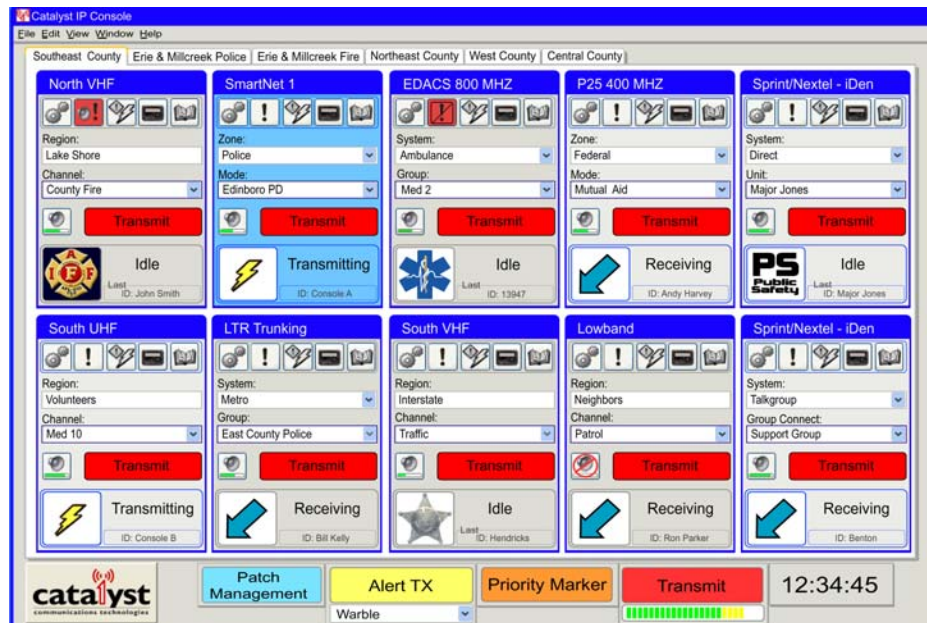
Introducing Intelli-Link: Affordable Network-based Interoperability

Catalyst Communications Technologies is pleased to introduce our new Intelli-Link client. Intelli-Link offers an intuitive user interface and provides for pre-established IP patching, ad hoc IP patching and multi-directional patching. Dispatchers can establish full two-way patches or establish uni-directional patching to provide for better operational or situational control.

With Intelli-Link, dispatchers can easily create patches, add or delete channels from existing patches, create uni-directional patches, and enable or disable existing patches. The new, simple graphical interface makes all of these functions simple and quick. Please contact us for more info on Intelli-Link.

What can RoIP do for You?

So what does a Radio over IP solution do for you and your operation?

The convergence is occurring right here and now. Not so long ago, IT Network Administrators were highly reluctant to add a voice component to their LANs/WANs. The concern over the affect of bandwidth-heavy voice transmissions on their networks from telephone systems, radio systems or any additional traffic run over the networks was very real. As technology has advanced and IT managers have become more familiar with and accepting of voice on their networks, we're seeing the convergence all around us. New IP-based telephone systems, featuring greater flexibility, cost-savings and functionality than traditional circuit-switched networks, are becoming the norm. The same is true in the Land Mobile Radio arena, but one of RoIP's significant benefits is that it only takes a fraction of the bandwidth than that of telephone systems.

IT personnel and Radio System managers are seeing the advantages and the cost-savings that can be realized by running their radio traffic over the IP network. No longer are dispatch centers relegated to fixed locations. With IP-based solutions, dispatching of radio fleets can be done from virtually anywhere a LAN/WAN connection can be achieved. So, exactly how does an IP-based dispatch solution help you to improve your operation?

The answer is, 'in several ways'. By bringing your dispatch capabilities to any PC (desktop or laptop) you can now:

Radio over IP

- *Primary or Backup Dispatch*
- *Mobile Command*
- *Reduce Costs of Leased Lines*
- *Full System control*
- *Network-friendly*

o Re-create your dispatch operation at a reasonable price point, in the event of the need for evacuation or loss of your primary dispatch center.
o Establish a back-up dispatch plan at one or multiple locations by simply logging into a PC equipped with the proper software and passwords
o Set up remote, mobile command centers that have full dispatch control and functionality
o Eliminate the single point of failure by creating a low-cost backup solution that provides full system functionality
o Use existing LAN/WAN assets with minimal impact on these networks
o Reduce (or eliminate) costs of leased lines and costly or redundant systems from LMR manufacturers
o Have full control (Unit ID, Emergency Call, Talkgroups, Individual Calls,) of your proprietary trunked or conventional radio systems (SmartNet/SmartZone, EDACS, P25, LTR, iDen, etc.)
o Incorporate RoIP into your existing dispatch consoles, regardless of manufacturer

Additionally, by implementing RoIP, you can now create a network-based Interoperability solution for the various radio systems in your area. This is a peer-to-peer environment (no central switch to own or fail) that can provide network-based interoperability at a fraction of the cost of many of the solutions on the market today. This is an interoperability solution that actually makes fiscal and operational sense, providing the functionality you need without the high price tag.

The RoIP solutions from Catalyst Communications are the most network-friendly Radio over IP solutions on the market today. Our technologies utilize audio compression for minimal bandwidth usage, operate in the uni-cast mode and work with all types of firewalls, VPN's, NATing, etc. For a no-obligation demonstration *on your network,* give us a call and we can let you test-drive it for yourself. Take a look, firsthand, how a RoIP solution can improve your operation and not cost a small fortune.

US Army – Redstone Arsenal, AL
Selects Catalyst Communications

When the US Army post at Redstone Arsenal, AL learned that their new, centralized dispatch center would finally be funded, they had three weeks to get up and operating and no dispatch equipment ordered. When contacted and asked if we could meet the three-week deadline to provide dispatch for the post, Catalyst stepped up to the plate.

The Catalyst team worked feverishly with the customer and the systems integrator (Intergraph) to determine the scope of the project and ultimately delivered on time. Redstone would be using a 400 MHz Motorola SmartNet system owned and operated by their neighbor, NASA, as well as requiring an interface into the City of Huntsville's 800 MHz SmartNet system and the county's VHF mutual aid channel.

"We (Intergraph) were faced with a deadline that seemed impossible to meet. Catalyst Communications RoIP solution enabled us to not only deliver on time, but to come in under budget as well. The effort and support provided by the Catalyst technical staff was top-notch and helped us to meet our rigid timeline." Nate Kirschman, Intergraph Project Manager.

The Catalyst solution offered the quickest means of getting the new dispatch center 'on the air' in a very short window of time.

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Nate Kirschman, Intergraph Project Manager.

Catalyst Introduces New IP Console from page 1

The new IP Console will feature a more traditional CRT-based console look and feel, with channel windows that can be configured to be quickly and easily recognized by dispatchers. Additionally, the system administrator will be able to configure the screens to best suit the individual needs of each dispatcher. The new IP console will be introduced in phases, with the first phase featuring:

- o **Conventional, Tone Remote control (IP Tone)**

- o **MDC-1200 Signaling (Unit ID and Alias Translation, Emergency Indication & Acknowledgment)**

- o **Integrated Paging supporting stacking and multiple formats**

Future offerings will include interfaces to the other LMR protocols:

- o **SmartNet/SmartZone**

- o **EDACS**

- o **P25**

- o **FleetSync/LTR**

- o **iDen**

Please give us a call if you would like more information on the new Catalyst IP Console.

Software Maintenance Amnesty Program

Right now, Catalyst is running a special offer to our customers. If you subscribe to the Annual Maintenance and Software Upgrade program between now and 1 July 2008, we will offer an *"Upgrade Amnesty"* and bring you up to date with the current version of software, for your Catalyst Product, without additional charge. This amnesty offer is potentially worth thousands of dollars, depending on the age of your current version of software.

New features that our Software Maintenance customers have received include:

- o **Expanded numbers of Gateways for Dispatch**
- o **Expanded numbers of gateways for Interoperability**
- o **Prioritized Unselect Audio**
- o **Multiselect/Simulselect**
- o **Status Message**
- o **Expanded Call History**
- o **Additional Codecs**
- o **Air Card Support**

For more information on the Software Amnesty Program, please contact John Kramer at 434-582-6146 or jkramer@catcomtec.com.

VPN Demo Available to All Catalyst Partners/Dealers

Catalyst Communications wants our partners and dealers to be equipped with all of the tools they will need to effectively demonstrate our RoIP solutions' capabilities. If you are interested in being able to demonstrate our products to your clients, Catalyst now offers our Remote Client software for our IP Radio and IP Connect for you to install right on your laptop computer. Once the software is loaded on your PC, you simply will need to make a VPN connection back to our servers in Forest, VA to connect and then have the ability to listen in to the City of Lynchburg, VA's radio communications. You can then use a Sprint/Nextel phone to demonstrate IP Link or patching right there in front of your customer(s).

For more information on the Catalyst VPN demo, please contact Wayne Farro (434) 401-2108, wfarro@catcomtec.com or John Kramer (434) 582-6146, jkramer@catcomtec.com.

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