



**IEEE Communications Society to Demo Telcordia Visual Search Technology & GPS Collaboration System from Drakontas at the 2011 CES & IEEE CCNC 2011**  
*New Tools Are Designed to Streamline the Access of Interactive, High-Resolution Multimedia & Help Teams Share Locations, Messages & Images in Real-Time Environments*

**NEW YORK, NY (November 15, 2010)** – The IEEE Communications Society (ComSoc), the leading worldwide non-profit organization dedicated to the advancement of communications technologies that benefit everyday life, will highlight Telcordia’s latest multimedia visual search technology and Drakontas’s new real-time, GPS collaboration prototype at booth #36285 located at South Hall 4 within the Las Vegas Convention Center during the 2011 International Consumer Electronics Show (CES) to be held January 6 –9 in Las Vegas.

Each demonstration is an extension of the organization’s in-depth drive to advance the latest wireless and wireline communications at the 8<sup>th</sup> Annual IEEE Consumer Communications Networking Conference (CCNC), which will be held January 9 – 12, 2011 at the Planet Hollywood Resort & Casino & Hotel in Las Vegas. Convening on the final day of the 2011 CES, IEEE CCNC 2011 was organized by IEEE ComSoc to help the consumer electronics industry develop technological advancements that will one day provide on-demand access to both entertainment and information anytime, anywhere, regardless of time or location. Throughout both conferences, IEEE ComSoc, Telcordia and Drakontas personnel will be on-hand to answer questions and provide live demonstrations of these new technologies.

Telcordia visual search technology was designed to enhance the experience of accessing and viewing multimedia information (e.g., videos) on a multitude of devices. By greatly improving upon the simplistic media browsing tools currently on the market our technology makes media access both effective and fun. Today’s frustrations with media search stem from deceptive content-tagging practices, time-wasting false positives, and ineffective user interfaces. Our technology mitigates these barriers while enabling a rapid preview phase that makes optimal use of today’s technologies.

Compatible in mobile, Web and desktop settings, the Telcordia visual search prototype shows how we can dramatically increase the likelihood that users will enjoy the videos they select for streaming, having first previewed them “on their own terms” in fun, interactive, high-

resolution, 3D representations. Accordingly, users can ultimately save time, money, and bandwidth by first using the Telcordia visual search technology to view, for example, a video from a series of different perspectives, rapidly determine if the video is “the one,” and only then launch the streaming application to watch it. Our live demonstration shows 3D gesture-based interactive preview of videos upon the touchscreen of an Android OS smartphone.

In addition, Drakontas, a New Jersey-based provider of geospatial tools for the law enforcement and criminal justice communities, will offer live demonstrations of its new SMYLE prototype, which allows user groups the opportunity to easily share locations, text messages, photos, and even graphical annotations in real-time collaborative environments. With the system, the GPS-based location of users can also be automatically updated on street maps through the use of a virtual whiteboard that allows participants to draw on maps or images.

The goal of SMYLE is to help groups of individuals collaborate more quickly and accurately. For example, a group of SMYLE users visiting a huge theme park can share meeting spots by using the whiteboard to circle a building or place an icon on a specific location. Operating on standard web browsers, such as Firefox and Chrome, SMYLE participants can then collaborate about meeting times and experiences almost anywhere within the complex by using the SMYLE mobile phone application or a standard PC web browser.

Other highlights of the IEEE ComSoc booth at the 2011 CES will include information on the society’s ongoing package of educational webcasts, webinars, publications and Tutorials Now online programs. Each year, hundreds of thousands of industry professionals, academics and government officials attend the organization’s premier global events to network with international experts and exchange ideas on the latest communications and information networking technologies. The organization’s wide array of publications and online and in-person educational programs have also been designed to strengthen the professional knowledge of individuals working within nearly every communications area related to the transfer of voice, data, image and/or video information from one location to another.

In addition to learning more about IEEE ComSoc at the 2011 CES, all IEEE CCNC 2011 attendees will have available to them more than 300 keynotes, technical and special sessions, business panels, tutorials and demonstrations designed to showcase the latest enabling services and applications designed to ensure ease-of-use, security and stunning interactivity for all users. Highlighting the agenda will also be the keynote addresses of noted communications authorities

such as Dr. Kari Pulli, who heads a team of international experts working on the next array of mobile imaging technologies at the Nokia Research Center in Palo Alto, California; Dr. Monica Lam, who is a professor of Computer Sciences at Stanford University and the co-author of the Dragon book, which is also formally known as *Compliers, Principles, Techniques and Tools*; and Dr. Kiho Kim, who is the director of the “Future IT Research Center” at the Samsung Advanced Institute of Technology (SAIT) of Samsung Electronics.

Futhermore, attendees of both conferences will also be provided with the opportunity to learn more about the IEEE Wireless Communication Engineering Technologies (IEEE WCET®) Certification Program, which was launched by IEEE ComSoc in 2008 to provide a vendor-neutral method for qualifying the knowledge of individuals in areas ranging from RF engineering to network management. So far, hundreds of individuals worldwide have earned the prestigious IEEE Wireless Communication Professional® (IEEE WCP) credential by passing the IEEE WCET comprehensive examination, which is offered twice a year at international testing centers.

For more information on the IEEE Communications society, please visit [www.comsoc.org](http://www.comsoc.org). Additional details for IEEE CCNC 2011 can also be found at <http://www.ieee-ccnc.org/> or by contacting Heather Ann Sweeney of the IEEE Communications Society at 212-705-8938 or [h.sweeney@comsoc.org](mailto:h.sweeney@comsoc.org).

Founded in 1952, IEEE ComSoc is recognized as a major international forum for the exchange of ideas on communications and information networking. The society is also an international sponsor of global publications, conferences, certification and educational programs, local activities, technical committees and standardization projects.

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