
FEATURED EVENT



Click on the links below to go to the recent ISCe supplements to SatMagazine:

May 2006: ISCe Exhibit Plan and Full Conference Program

**April 2006: Charting the Next Wave of Entertainment and
Digital Media**

**March 2006: ISCe 2006 Conference to Focus on Satellite and Hybrid
Network Solutions**

February 2006: ISCe 2006 Overview

FEATURED EVENT

ISCe 2006 Conference to Focus on Satellite and Hybrid Network Solutions

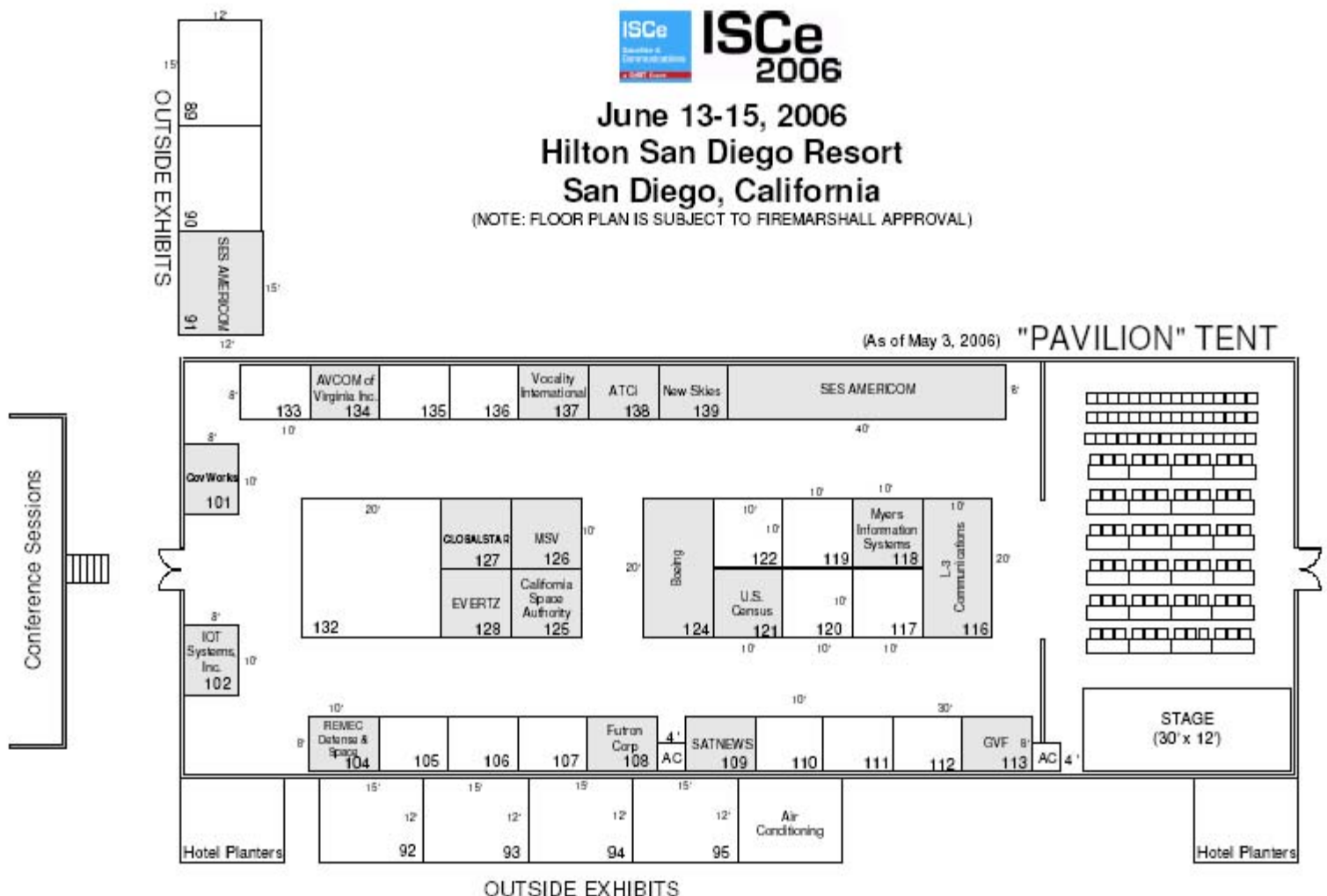


ISCe Conference and Expo 2006

June 13-15, 2006, San Diego Hilton Resort at Misson Bay, California

Only one more month to go before ISCe 2006 in San Diego, California. ISCe 2006 will focus on Satellite and Hybrid Solutions for the **enterprise, entertainment and media**, and **government/military markets**. "Satellite and hybrid solutions provide a vital service for the enterprise, entertainment and media, and government/military markets. ISCe 2006 will focus on the value and cost-effective solutions that satellite and hybrid networks (cable, telcos and utilities) provide to the end user. There simply is no other conference that offers this type of access to so many senior executives," said David Bross, Chairman of ISCe 2006.

Now in its fifth year, ISC, will be jointly holding the 5th Annual ISCe Conference and Expo with the 23rd American Institute of Aeronautics and Astronautics (AIAA) International Communications Satellite Systems Conference (ICSSC) from June 13-15 at the San Diego Hilton Resort in San Diego, California. To give you a comprehensive view of the event, follows is the latest exhibition plan as well as the complete conference program to date. We hope to see you all at ISCe 2006! **SSM**



FEATURED EVENT

ISCe Conference Program

ISCe

Satellite &
Communications

a CeBIT Event

(as May 3, 2006)

Tuesday, June 13, 2006

GVF Wireless Workshop –

“Fixed, Mobile & Everything in Between” (Sponsorship Available)

9:00 am – 5:30 pm

9:00 am – 9:15 am

Session GVF1: Introduction - Can Wireless and Satellite Be Connected?

As the principal satellite-industry conference on the West Coast, ISCe provides an opportunity to review how to achieve greater integration and collaboration with land-based wireless technologies and services. Is this desirable or even possible? The GVF has organized the day into a combination of in-depth presentations on the nuts and bolts of wireless mastery and round-table discussions involving individuals and companies that are well-positioned for things to come. The format is designed to provide new insights into these potentialities and allow the audience to interact with presenters and each other.

Moderator: **Bruce Elbert**, Chair, GVF Technology Working Group, and President, Application Technology Strategy, Inc. (USA)

9:15 am – 10:00 am

Session GVF2: Hybrid Wireless: Will Potential Buyers Love It?

Whether they are small, medium or large, enterprises with requirements for competitive telecommunications are increasingly opting for hybrid wireless solutions that draw upon the relative strengths of satellite, cellular, Wi-Fi, WiMAX and other key technologies. Or are they? Where does each technology best fit and how big are the markets? Which technologies are complementary, and which technologies will compete? And to what extent are different industry sectors able to get along? Our keynote presenter will provide ideas and suggest answers to these questions.

Moderator: **Christopher Baugh**, President – NSR
Panelists: **Brian Weimer**, Counsel – Latham & Watkins

10:15 am – 11:55 am

Session GVF3: Building the Complete Wireless Portfolio – Is Satellite Broadband a Part?

Satellite TV operators and other established service providers are looking to add two-way broadband connectivity and mobile access so they can deliver a complete quadruple-play to their customers. Existing resale agreements with AT&T and Verizon may not be sufficient, as these telcos seek to offer their own IPTV services, while Sprint Nextel has recently partnered with a consortium of cable operators. If working with existing cellular operators is therefore unattractive, could building a greenfield network using new technologies such as Wi-Max be the best choice? Will ATC allow terrestrial re-use of MSS spectrum for such networks? How much spectrum is really needed? Is there a role for mobile satellite access as a service differentiator? Are there other spectrum options in the 2.3GHz and 2.5GHz bands? What mix of fixed and mobile devices will Wi-Max be optimized to support? This session will answer these and other questions.

Moderator: **Tim Farrar**, President – TMF Associates
Panelists: **Brian Deobald**, Vice President of Business Development – MSV
Benjamin Finzi, President, Americas Operations – WiNetworks
John Norin, Vice President – DirecTV Inc.

1:45 pm – 3 pm

Session GVF4: Wireless Infrastructure: Reaching the First (and Last) Mile

Satellite-based cellular backhaul to the PSTN is a well-established application – and it's going strong. As satellite links extend the reach of competing terrestrial wireless services, are rural regions finally within reach? And is there a compelling business model for satellite/terrestrial hybrid solutions in developing countries? This roundtable will examine the latest trends and evaluate whether such solutions are sustainable.

Moderator: **Bernardo Schneiderman**, President, Telematics Business Consultants
Panelists: **Bruce Bednarski**, Senior Vice President of Business Development – iDirect Technologies
Steve Blum, President – Tellus Venture Associates
Rory Eddings, Andrew Corp.

3:15 pm – 4:30 pm

Session GVF5: IP and the “New” Bottom Line

Times are changing ...fast. IP-based wireless platforms are increasingly being provided to end users of every stripe... and



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the math is changing. But at some level, profit is still profit and the fundamentals still apply. Attend this roundtable to hear how IP-based considerations cut across wireless technologies and have forced a rethink of service offerings and revenue potential.

Moderator: *David Hartshorn, Secretary General – GVF*
Panelists: *Bruce Elbert, President – Application Technology Strategy, Inc.*
Mike Hinz, President – YR20
John Janka, Partner – Latham & Watkins

4:30 pm - 5:15 pm

Session GVF6: How Do We Reach New Government Users?

Government usage of commercial satellite capacity and services has blossomed during the past few years. With proven value as a primary communications means in case of emergencies and ongoing logistic support, government users fully comprehend the basic value of our medium. The challenge going forward is how does the VSAT industry maintain and even grow the government sector? Are there still unmet service needs that must be satisfied? Join this panel of experts representing service providers, end-users and manufacturers for stimulating discussions and insights into past successes, lessons learned and the challenges ahead.

Moderator: *John Puetz, President – MasterWorks Communications*
Panelists: *Bruce Guillory, Global Business Development – CapRock Communications*
Rick Joyce, Managing Director, Broadband Network Services – ViaSat, Inc.
John Ratigan, Vice President Federal Sales – iDirect Technologies

5:15 pm – 5:30 pm

Session GVF7: Closing of GVF Wireless Workshop

Moderator: *Bruce Elbert, Chair, GVF Technology Working Group, and President - Application Technology Strategy, Inc. (USA)*

Exhibitor Pavilion Open

(iDirect Technologies)

10:00 am – 5:30 pm Exhibitor Pavilion

Coffee Break

(Sponsorship Available)

10:00 am – 10:30 am % Exhibitor Pavilion

Product Demonstration Program

10:30 am – 12:00 pm Exhibitor Pavilion

Space & Security Forum

(Sponsored by California Space Authority)

10:30 am – 5:30 pm Capri Room

Welcome: *TBD*

Keynote: *Maj. Gen. James Armor, Jr., Director– National Space Security Office*

Session SS1: Transforming Space & Integrating the Battlefield

As the U.S. and its allies continue to transform their militaries, satcom systems will support new capabilities for information sharing, time-sensitive targeting and communications on the move. Achieving this transformation requires viewing satellite communications links both as a capability to be integrated with the warfighter and as a vital network to be protected. This panel will examine approaches for transforming the full range of satcom capabilities for U.S. and coalition military operations.

Moderator: *Richard Buenneke, Sr. Policy Analyst, National Space Systems Engineering – The Aerospace Corp.*

Panelists: *Dr. Denis Curtin, Chief Operating Officer, Xtar LLC*
Peter Hadinger, Director, Communications Initiatives, Northrop Grumman Space Technologies
COL Patrick Rayermann, Chief, Space & Missile Defense Division, G-35, Headquarters, U.S. Department of the Army
Robert Tarleton, Director, Communications Functional Integration Office - National Security Space Office (NSSO)

Session SS2: Help from Space! Hybrid Solutions for First Responders

In practically any emergency situation, whether due to natural causes or otherwise, the foremost requirement is to re-establish communications to the affected areas and communities. First Responders need flexible and adaptable communication links capable of operating with no or little local infrastructure. This must-attend panel will include representatives of police and other regional and national agencies to highlight what is needed and under what environmental conditions. Panel members will present solutions that can provide the much needed communication capabilities via satellites and hybrid networks. Modern sensor-based networks with the ability to constantly monitor infrastructures as well as the first responders themselves will also be covered in this session.



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Moderator: *David Cavossa, Executive Director – Satellite Industry Association*
DK Sachdev, President – SpaceTel Consultancy

Panelists: *Carson Agnew, President and Chief Operating Officer – Mobile Satellite Ventures*
Richard DalBello, Vice President Government Affairs – Intelsat General Corp.
Jon Metzler, Director of Business Development – Rosum Corp.
Joe Polastre, CEO – Moteiv
Carl Williams, Senior Policy Director – California Space Authority

Session SS3: The Next Horizon: New and Evolving Commercial Space Markets

What are the drivers in the re-emerging commercial space market? Which new businesses hold the most promise in this recovering market, and what technologies are key to the success of these new business? This panel of technology and market experts will address these questions and share their perspectives and insights regarding which are the key technology drivers for continued growth in the commercial markets.

Moderator: *Melissa Farrell, President & CEO – Stellar Solutions Aerospace Ltd.*

Panelists: *Chris Hoeber, Executive Vice President, Engineering – Space Systems/Loral*
Marty Neilsen, Director of Business Development – Globalstar

The Carmel Group's Cable, Satellite & Telco Entertainment Forum (Sponsored by SES Americom)

8:00 am – 9:05 am Terrazza Ballroom

9:00 am – 10:00 am

Session CG1: Content Innovation: Looking Beyond the Box

This session focuses on the software side of the business of cable, satellite, telco, utilities, and mobile services, featuring a frank and provocative discussion about the content and entertainment services and applications that service providers are rapidly adopting. Content is being delivered anywhere, all the time, to anyone! This session looks from both the content and service providers' perspectives, focusing on the business models and related issues.

Moderator: *Sean Badding, President and Senior Analyst – The Carmel Group*

Panelists: *Andy Dale, CEO – Outdoor Channel*

Todd Goodnight, Senior Director, Business Alliances, Product Management, Consumer Electronics Division – Sirius Satellite Radio

Charles Prast, CEO – ITVN

Jonathan Shair, Vice-President – Programming, Planning and Scheduling-STARZ

10:00 am – 10:30 am

Coffee Break in Exhibitor Pavilion

10:30 am – 12:00 pm

Session CG2: IPTV Strategies for Success!

Telcos see Internet Protocol TV (IPTV) as a critical triple play service and the chance to regain a dominant place in the telecom market. But is it? Are telcos playing catch-up and need to understand not only the opportunities, but also the challenges and uncertainties? Or is this technology a Next Holy Grail? Come learn from this technology-focused panel and hear what key executives are saying about the technology, business, marketing and regulatory realities underlying this digital medium, and its impact on telcos and the competitors. Does IPTV justify — and can it handle — the current industry hype? How does the competition react?

Moderator: *Sean Badding, President and Senior Analyst – The Carmel Group*

Panelists: *Ed Grazyk, Director, Digital – Microsoft*
Bryan McGuirk, President, Media Solutions – SES Americom

Brad Siebert, Director – Intelsat

Ian Tapp, Vice-President, Market Development-NDS

Jeff Van Cura, Senior Director, Strategic Solutions-Alcatel North America

1:30 p.m. – 2:30 pm

Session CG3: Broadband: The Top 10 Drivers for 2007

In the current economic climate, operators are making careful decisions about how and where they are expanding broadband services, and which business models will be strengthening their bottom lines. Broadband commoditization and the price erosion of Internet access services are driving operators to seek new revenue streams by offering enhanced services, such as VoIP, video telephony, broadcast video and gaming. Will this be enough for satellite operators to differentiate themselves from their rivals? Will consumers be attracted to these new, bundled services? This distribution-based session examines the market drivers, the available technologies (i.e., terrestrial, satellite, and



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wireless), and the best business models producing the best results.

Moderator: *Harry Thibedeau, Manager of Industry and Technical Affairs – NRTC*

Panelists: *Brent Bruun, President, Enterprise Solutions – SES Americom*
Robb Chandhok, Vice-President, Engineering and Strategy-Qualcomm
Josh Goldman, CEO - Akimbo
Jeremy Toeman, Vice President of Market Development – Sling Media

2:30 pm – 3:30 pm

Session CG4: Advanced Services: Shaking Out the Hype

Included in this “Advanced Services” basket are IPTV, VOD, DVR and gaming. These new, advanced applications are revolutionizing—and complicating—business models for every operator, on a global scale. Indeed, just a couple of the more critically disruptive services include DVRs and VoIP, which have become very popular with mainstream consumers. Service providers have been attempting to capitalize on such areas, but are they underestimating the business and technology challenges facing the markets in the next two years? What partnerships are lining up? Where do advertisers fit in?

Moderator: *Steve Symonds, President-Symonds and Associates*

Panelists: *Scott Crowder, COO-Entriq*
John Roberts, Senior Vice President, Interactive and Online Entertainment-Game Show Network
Dean Rockwell, Vice President, General Manager, Digital Media Networks-Scientific Atlanta
Alan Young, Chief Technology Officer-SES Americom

3:30 pm – 4:00 pm

Refreshment Break in Exhibitor Pavilion

(Sponsored by Mobile Satellite Ventures)

4:00 pm – 5:30 pm

Session CG5: CEOs: Breaking the Rules & Making It Happen

For 10 years, this renowned CEO session has become a hallmark of events organized by The Carmel Group. This year will be no exception. A mixture of the best and the brightest will engage one another and their audience on the most crucial issues facing the multi-channel market. This session will cover: the next-generation of devices, content and business models, advertising, content, distribution, operators, technology, legal/regulatory...you name the topic, these business leaders are going to tackle it! This is a can't-miss final session.

Moderator: *Jimmy Schaeffler, Chairman and CEO – The Carmel Group*

Panelists: *Dr. Philip Alvelda, CEO-MobiTV*
Eric Cooney, CEO - Tandberg Television
Greg Gudorf, President & COO-Digeo
Tres Izzards, CEO – MovieBeam
Jim Ramo, CEO – Movielink

ISCe Welcome Luncheon/AIAA Keynote Speech

(Co-Sponsored by the California Space Authority)

12:00 pm – 1:30 pm % Monte Carlo / St. Tropez / Riviera Rooms

Welcome: *The Honorable Andrea Seastrand, Executive Director – California Space Authority*

AIAA/ICSSC Speaker Introduction: *Sumner Matsunaga, General Chair -- ICSSC*

Keynote Speaker: *Gen. Lance Lord (Ret.), Former Commander, Air Force Space Command*

WTA Workshop – “Translating the Trends: What the Big Market Developments of the Year Will Mean to Your Company”

(Sponsorship Available)

1:30 pm – 5:30 pm Exhibitor Pavilion

This half-day workshop is for satellite communications service and technology providers who face strategic decisions about responding to the market developments making headlines today. Equally valuable for end-user executives deciding where to spend scarce telecom and technology dollars, the workshop will connect the dots between developments in the news – from mergers & acquisitions to the latest technology platforms – and their businesses. Which trends do they need to follow? What will be the sometimes surprising impact of industry restructuring? How fast will customers adopt new technologies and turn them into “must-have” services and products?

The workshop, presented by the World Teleport Association (WTA), includes a top-level review of the most important market developments and roundtable discussions of their impacts by senior service and technology executives. Since 1985, the WTA has been the only nonprofit trade association that focuses on the business of satellite communications from the ground up.

Welcome and Introduction

Speaker: *Robert Bell, Executive Director – World Teleport Association (WTA)*



FEATURED EVENT

Session WTA1: WTA Market Presentation - The Top Ten Trends You Need to Watch

Speaker: **Lon Rains**, Editor - *Space News*

Session WTA2: Responding to Changing Markets and Intensifying Competition for New Customers

Moderator: **Robert Bell**, Executive Director – World Teleport Association (WTA)

Panelists: **Jerry Chase**, CEO - Terayon Communications Systems

Jonathan Feldman, Senior Vice President, Business Development – GlobeCast

Jonathan Kirchner, Vice President, Marketing & Business Development - Loral Skynet

Jeff Roberts, Vice President, Marketing & Sales - JSAT International, Inc.

Jon Romm, President, Media Sales - Intelsat

Session WTA3: Today's Technologies That Grow Tomorrow's Market

Moderator: **Robert Bell**, Executive Director – World Teleport Association (WTA)

Panelists: **Stefan Jucken**, Director Sales Americas - ND SatCom AG

Rick Segil, Vice President, Marketing - Path 1 Network Technologies

Steve Yablonski, Vice President - Globecom Systems, Inc.

Alan Young, CTO - SES Americom

Refreshment Break

(Sponsored by MSV)

3:30 pm – 4:00 pm % Exhibitor Pavilion

SSPI "Beach Blast" Welcome Reception

(Co-Sponsored by GlobeCast, Space Systems/Loral, ViaSat)

5:30 pm – 7:00 pm Hilton Hotel Beach Lagoon

Tuesday, June 14, 2006

VIP Breakfast (by Invitation Only)

(Sponsorship Booz Allen Hamilton)

7:30 am – 8:30 am Exhibitor Pavilion

SIA "State of the Industry" Report

8:30 am – 8:45 am Monte Carlo / St. Tropez / Riviera Rooms

Speaker: **David Cavossa**, Executive Director – Satellite Industry Association

Joint CEO Plenary Session

8:45 am – 10:30 am Monte Carlo / St. Tropez / Riviera Rooms

Telecom CEO Roundtable: Integrating Technologies, Serving Markets, Building Profits

In this signature session at ISCe, the top leaders from the telecom and satellite industries gather for this annual round of forecasts and strategies. What will the second half of the year hold for users of telecom services? Will increased competition between terrestrial- and satellite-based technologies continue to benefit end users with better prices and customer service? What effect will continued consolidation have on the market? What are the key new customer markets as well as hot spots for telecom services? Plan on attending this standing-room-only session and find out the tips and tactics that these savvy executives employ to grow their profits, during this highly interactive, audience participation session!

Moderator: **Lon Rains**, Editor – *Space News*

Panelists: **Patrick Brant**, CEO – Loral Skynet

Mark Dankberg, CEO – ViaSat, Inc.

Matthew Flanigan, President – Telecommunications Industry Association (TIA)

John Kealey, CEO – iDirect Technologies

Stephen O'Neill, President, Boeing Satellite Systems International, Inc.

Bob Phillips, President – National Rural Telecommunications Cooperative (NRTC)

Pascale Sourisse, CEO – Alcatel Alenia Space

Andy Sukawaty, Chairman & CEO – Inmarsat

Exhibitor Pavilion Open

(iDirect Technologies)

10:30 am – 5:30 pm Exhibitor Pavilion

Coffee Break

(Sponsored by Stellar Solutions)

10:30 am – 11:00 am % Exhibitor Pavilion

Digital Content & Mobile Forum

(Sponsorship Available)

11:00 am – 5:30 pm Riviera Room

Session WE1: Satellite Mobile Entertainment and Data

11:00 am – 12:00 pm



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There is a rapidly growing market for new forms of mobile entertainment, including real time audio and video. Satellite has helped create and define this market through direct to user mobile digital audio and video services. This panel of leading experts will explore the future potential of these services in terms of new satellite bands, new delivery technologies, new business models and new forms of content.

Moderator: *Mark Dankberg, Chairman & CEO - ViaSat*
Panelists: *Doug Sobieski, Senior Vice President for Wireless Networks - TerreStar Networks Inc.*

Session WE3: Watching the Small Screen: Digital Content for the Mobile Platform

1:30 pm – 2:45 pm

It's hard to believe that the cell phone explosion of yesterday has now surfaced as the most dominant strength in the entertainment industry, rivaling TV and DVD as consumers' leading choice. Mobile as a fully functional entertainment provider - news, music, sports, and video - has replaced mobile as a simple communication tool. In this session, we have gathered a seasoned group of executives from the Entertainment, TV and Mobile industries who will explore several key topics focusing on content for the mobile platform. What compelling features will create a competitive advantage? How important is content? Selling + Celebrity = Sellebrity How important are icons in the success of these mobile networks? Will the DVB-H market capture enough consumer interest to achieve positive cash flow? Don't miss this outstanding session highlighting content and the emerging mobile market.

Moderator: *Gary Hatch, CEO – ATCi*
Panelists: *Cassandra Cummings, Windows Digital Media Music and Filmed Entertainment Marketing – Microsoft*
Kevin Grant, Senior Director of Sales, Americas – MobiTV
Jason Kenagy, Vice President Product Management - Media FLO
Heidi Lehmann, Vice President, Content Acquisition and Strategy – Third Screen Media
Scott Stemmerman, Product Marketing Marketing Manager, Entertainment -- Sprint/Nextel

Session WE5: And.....Action! Digital Content for Hollywood Takes the Stage

3:15 pm – 4:30 pm

Digital cinema presents a compelling vision: a revolutionary breakthrough in distribution that will lower costs, improve security and significantly expand opportunities for theater owners and studios – not to mention for satellite and terrestrial service providers that manage and transport the multi-gigabit files. Reality, however, has been slow to catch up as the vision has run head-on into established business interests and technology hurdles. Today, however, the early stages of a digital cinema market are becoming visible through multi-cinema trials and commercial distribution of pre-show content. In this session, a panel of buyers and sellers in this emerging market explore issues of secure transport, network requirements and digital rights management, and provide their forecasts for the next two years.

Moderator: *Robert Bell, Executive Director – Society of Satellite Professionals International and World Teleport Association*

Panelists: *Scott Calder, CEO – Mainstream Data*
George Davis, Senior Vice President, Americas and Asia – Technicolor Network Services
Ken Kirchbaumer, Editorial Director – Sports Video Group
Tony Nguyen, Vice President, Broadcast Operations – The Andrita Studios

Military & Government Requirements Forum

(Intelsat General Corp.)

11:00 am – 5:30 pm Capri Room

Session WE2: DoD Net-Centric Operations and Integration: The New Battlefield Frontier

10:45 am – 12:15 pm

The rapid deployment of new technologies in support of Global War on Terror (GWOT) operations in <Iraq> and <<Afghanistan>> has provided the DoD with the opportunity to experience Net-Centric Operations and Integration in a combat environment for the first time. This experience has provided the DoD with a tremendous amount of data with respect to real world implementation of the Net-Centric vision. Additionally, it identified areas where technologies and processes need refinement and improvement. This panel will provide the Services and DoD perspective on how Net-Centricity has evolved to-date and what remains to be addressed in light of lessons learned, including emerging new hostile information warfare threats directed against increasingly complex DoD C4ISR systems.



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Moderator: *Art Fritzson, Vice President – Booz Allen Hamilton*

Panelists: *Bob Maskell, Space Systems Architect – Cisco Systems Inc.*
TBD, Vice President – Boeing Satellite Systems International, Inc.

Session WE4: Future MILSATCOM Systems: Supporting the Warfighter

1:45 pm – 3:00 pm

New advances in voice, data and video delivery via transformational military communications systems will enable net-centric operations for the deployed warfighter. For Operation Iraqi Freedom, commercial satellite systems supplemented the military communications and provided the majority of the bandwidth. To meet this challenge, the Department of Defense is developing Transformational Satellite Communications Systems (TSAT), Mobile User Objective System (MUOS), Joint Tactical Radio System (JTRS) as part of the Global Information Grid (GIG). With the Congressional Budget Office (CBO) projecting a doubling of military space systems funding by 2011, this panel will provide insight on the technical, budget and integration challenges as they develop systems to ensure continued warfighter information superiority.

Moderator: *Bryan M. Scurry, Deputy, PEO Space Systems (Acting), Executive Director – SPAWAR Space Field Activity (Acting)*

Panelists: *Mike Kern, Sr. Systems Engineer, GIG – OASD/NII – Office of the Secretary of Defense*
Shaum Mittal, Chief, SATCOM Engineering – DISA
Howard Pace, Deputy Program Manager – Joint Tactical Radio System (JTRS)
Brig. Gen. Ellen Pawlikowski, Program Director, MILSATCOM JPO – USAF Space & Missile Systems Center
CAPT. Dave Porter (USN), MUOS Program Manager – PMW-146

Session WE6: Distributed Connectivity to the Mobile Warfighter

It is understood well how modern warfighters have adopted and mastered “maneuver warfare” tactics on the battlefield. What has not been solved, however, is how the warfighter communicates while maneuvering. What is the impact of distributed C2 whereby the warfighter must now reach not only his fellow fighter nearby, but also receive “intel” from the skies, data from archives half a world away, and SA from echelons of command throughout the battlespace. History has shown us that armies can outrun their supplies. But are we outrunning our communications capabilities? This panel of experts will reveal their

solutions to these and other questions affecting connectivity throughout the military.

Moderator: *VADM Lyle Bien (Ret. USN), Former Deputy Commander-in-Chief and Chief of Staff of U.S. Space Command*

Panelists: *D. D'Ambrosio, Vice President – Inmarsat*
Kenneth Callicutt, Director of Capability and Resource Integration – US Strategic Command
David Helfgott, President & CEO – Americom Government Services
RADM Elizabeth Hight, Defense Information Systems Agency (DISA) Principal Director for GIG Operations and Deputy Commander – Joint Task Force-Global Network Operations
John Klingelhoefter, Acting President – Intelsat General Corp.
Stuart Linsky, Vice President, SatCom – Northrop Grumman

Session WE7 - Joint Plenary Session: Mobile Satcoms on the Move for DoD & Tinseltown

4:30 pm – 5:45 pm Monte Carlo / St. Tropez Room

Mobile telephony services continue to permeate the global communication infrastructure. The ability to provide secure, quick, affordable voice access to the war fighter involved in a conflict or to the new media covering that conflict has never been easier. Accessible voice communications also have become a critical link in aiding Hollywood to produce its content away from the sound stages of Southern California and in the middle of far-flung previously difficult locations. What is the potential future growth of this market? What are the challenges and opportunities that face both satellite and terrestrial voice services providers? During this must-attend session, our panel of top executives will “lift the curtain” and reveal their keys to success.

Moderator: *Del Smith, Senior Telecommunications Counsel – Jones Day*

Panelists: *Graham Avis, Vice President and General Manager – Hughes Network Systems San Diego*
Michael Butler, COO – Inmarsat
Britt-Carina Horncastle, President – Telenor Satellite Services Holdings, Inc.
Carmen Lloyd, CEO – Iridium Satellite LLC

ISCe Leadership Luncheon

(Sponsored by G2 Satellite Solutions)

12:30 pm – 2:00 pm Monte Carlo / St. Tropez Room

FEATURED EVENT

Refreshment Break

(Sponsorship Available)

3:30 pm – 4:00 pm Exhibitor Pavilion

ISCe Reception

(Sponsored by Alcatel Alenia Space)

6:30 pm – 7:30 pm Sea World

ISCe Awards Dinner

(Sponsored by The Boeing Company)

7:30 pm – 10:00 pm Sea World

Welcome: **Stephen O'Neill**, President - Boeing Satellite Systems International, Inc.

Keynote Speaker: **TBD**

ISCe 2006 Awards Presentations

Tuesday, June 14, 2006

VIP Breakfast (by Invitation Only)

(Sponsored by Lockheed Martin Corp.)

7:30 am – 8:30 am % Exhibitor Pavilion

CIO/CTO Plenary Session

Tracking Technology Frontiers: The Technology Leader's Perspective

9:00 am – 10:30 am Monte Carlo / St. Tropez Room

One of the most crucial decisions a company can make is when, where and to what extent it should upgrade, adopt, cannibalize and innovate its suite of technology products. A wrong decision can impact a company's revenue negatively for years and significantly damage its ability to compete in a global economy that is reinventing itself technologically every 12 months! What are the keys to avoiding technology pitfalls? How do successful technology leaders decide where and when to invest? This must-attend panel will impart the "best practices" used by successful media, telecom and satellite companies worldwide.

Moderators: **David Bross**, Chairman – ISCe 2006

DK Sachdev, President – SpaceTel Consultancy

Panelists: **Daniel Coombes**, Sr. Vice President & CTO, Wireless Broadband Networks – Motorola
Paul Heimbach, Sr. Vice President & CTO – Viacom



The poster for ISCe 2006 features a blue and yellow color scheme. At the top, it says "ISCe 2006" in large white letters, with "5TH ANNUAL ISCe" to the right. Below this, it lists the dates "June 13-15, 2006" and the location "San Diego Hilton Resort at Mission Bay, San Diego, California". The website "www.isce.com" is also provided. The main title of the conference is "Satellite and Hybrid Network Solutions for the Entertainment, Enterprise and Military/Government Markets". The poster includes four circular images: a satellite, a cable, a telephone keypad, and a power outlet, each labeled "Satellite", "Cable", "Telcos", and "Utilities" respectively. Below these images, it lists the conference programs: Carmel Group's Cable, Satellite & Telco Entertainment Forum; Digital Content & Mobile Forum; Global Business & Financial Outlook Forum; GVF Wireless Forum; Military & Government Requirements Forum; Retail Enterprise & Business Forum; Space & Security Forum; and WTA Translating the Trends Workshop. At the bottom, it lists the organizing and supporting organizations, including Intersatellite USA, Inc., SIA, Eutelsat, Eutelsat, GVF, WTA, and APSCC.

ISCe Satellite & Communications
a CEBIT Event

ISCe 2006
June 13-15, 2006
San Diego Hilton Resort at Mission Bay
San Diego, California
www.isce.com

5TH ANNUAL ISCe

Satellite and Hybrid Network Solutions for the Entertainment, Enterprise and Military/Government Markets

Satellite **Cable** **Telcos** **Utilities**

ISCe 2006 will present the following conference programs:

- Carmel Group's Cable, Satellite & Telco Entertainment Forum
- Digital Content & Mobile Forum
- Global Business & Financial Outlook Forum
- GVF Wireless Forum
- Military & Government Requirements Forum
- Retail Enterprise & Business Forum
- Space & Security Forum
- WTA Translating the Trends Workshop

Organized by: Intersatellite USA, Inc.

Supporting Organizations: SIA, Eutelsat, Eutelsat, GVF, WTA, APSCC

Joint Conference Program with: 24th INTERNATIONAL COMMUNICATIONS SATELLITE SYSTEMS CONFERENCE



FEATURED EVENT

Stell Patsiokas, Executive Vice PresidentTechnology, XM Radio Inc.
Marc Pircher, CTO – Alcatel Alenia Space
Richard Skinner, Vice President, Transformational Communications – Lockheed Martin Corp.

Exhibitor Pavilion Open

(iDirect Technologies)

10:30 am – 2:00 pm Exhibitor Pavilion

Coffee Break

(Sponsored by Xtar Inc.)

10:30 am – 11:00 am Exhibitor Pavilion

Retail & Business Enterprise Forum

(Sponsorship Available)

11:00 am – 4:30 pm Riviera Room

Session TH1: Moving from a Hub-and-Spoke Enterprise to Any-to-Any Connectivity

11:00 am – 12:30 pm % Riviera Room

Many retailers have the traditional hub-and-spoke connectivity between their headquarters and individual stores. However, many end users of satellite-based technology as well as those that use terrestrial pipelines are considering “any-to-any options,” including Multiprotocol Label Switching (MPLS), a networking technology where ‘labels’ are assigned to data packets traveling through the nodes of a network. This label switching method is different from traditional internet technologies, and has proven to be a more efficient and speedy way of sending data across networks. How is the use of MPLS affecting transponder usage? Will “any-to-any options” revolutionize the way in which companies use their VSAT networking capabilities? Our panel of experts, including many users of end-to-end satellite solutions will share their insights and prognostications during this highly interactive panel session.

Moderator: **Jose del Rosario**, Senior Analyst & Regional Director, Asia-Pacific – NSR

Panelists: **Behzad Nadji**, Vice President, Network & Systems Architecture and Chief Architect – AT&T
Orlando Skelton, Vice President, Enterprise Solutions – SES Americom

Session TH3: Optimizing Retailer’s Connectivity and Increasing Efficiencies

1:30 pm – 3:00 pm Riviera Room

Managing your company’s telecom expenses has never been more important. In this time of seemingly endless hybrid telecom options and solutions, companies are finding ways to use technology more efficiently, thereby driving down costs and improving productivity. What hybrid solutions have worked for retailers? Which ones have proven to be more promise than punch? This panel of providers and end users will sort through the myriad options facing company chief technology officers and offer solutions for your company’s future telecom/networking choices.

Moderator: **Connie Gentry**, Senior Editor – Chain Store Age Publication

Panelists: **Ron Resnick**, President & Chairman – WiMAX Forum; Director of Marketing, Broadband Wireless Division – Intel
TBD, Vice President – CommercialWare

Session TH5: Satellite Networks for Retailers: Improving the Value!

3:00 pm – 4:30 pm Riviera Room

Retail satellite networks historically have addressed the problem of providing credit card verification, inventory management and accounting to hundreds or thousands of stores and branches previously served by expensive and less-reliable leased telephone lines. A second and equally valuable application for satellite technology is the delivery platform for business television used in education and, in some cases, by in-store advertising. As these networks move from analog to digital format, the satellites themselves have become more powerful to reduce the cost of reception equipment. And innovations within the Internet and digital content distribution increase opportunities to enhance the customer experience, grow the business and provide cost reductions. This panel discussion will cover how leading-edge retailers are using satellites to perform legacy functions better and to provide new value. The session’s interactive format will allow participants to share their innovative ideas and experiences, as well as the opportunity for attendees to comment and/or challenge our panelists.

Moderator: **Bruce Elbert**, President – Application Technology Strategy, Inc.

Panelists: **Christina Clifton**, Executive Vice President of Sales & Marketing, Spacenet Inc.

Global Business, Policy & Financial Forum

11:00 am – 4:30 am Capri Room

Session TH2: International Roundtable: Emerging Services in the Global Space & Communications Marketplace

11:00 am – 12:30 pm Capri Room



FEATURED EVENT

The International Roundtable will focus on the emerging space and communications services opportunities in Europe, Asia and the Americas. Speakers from each of these regions will outline growth markets and offer their views on how these markets likely will be addressed, the ability of domestic suppliers to match demand and the benefits of international partnerships. This session will examine the concept of creating agreements between and among international aerospace trade groups that will provide mutual and readily available assistance to any member company seeking to develop relationships in a foreign setting. Don't miss this outstanding international forum of foreign delegates.

Moderator: ***Richard Swanson, Jr.**, Supervisory Trade Specialist of the U.S. Export Assistance Center, U.S. & Foreign Commercial Service – U.S. Department of Commerce's International Trade Administration*

Speakers: ***Andrew D'Uva**, Vice President & Associate General Counsel – New Skies Satellites
Dr. Eui Koh, President – Asia Pacific Satellite Communications Council (APSCC)
Yutaka Nagai, Senior Executive Officer – JSAT
Tom Navasero, Vice President – Intelsat Asia Pacific
Mayank Patel, Managing Director – Tri Polus (Europe)*

Session TH6: Assessing Business Models for Satellite Operators In a Consolidated Marketplace—Part I

1:30 pm – 3:00 pm Capri Room

The first part of a two-part session, Euroconsult will provide a comprehensive review of the key satellite business trends affecting your business. Euroconsult will provide a presentation of indicators of performance and development in the satellite sector. Following consolidation between leading satellite operators, the focus in the coming two years will likely be on mergers and acquisitions of regional operators, on potential investments in value added services and on the design of new business models to generate growth through new applications. Executives from leading international satellite companies will discuss strategic issues in the satellite marketplace and upcoming events.

Moderator: ***Rachel Villain**, Director of Space & Communications - Euroconsult*

Panelists: ***Jean-Paul Hoffman**, Vice President Corporate Communications – SES Global
Alejandro Macarron Larumbe, Head of Sales & Services - Hispasat
Ronald Samuel, Chief - Eutelsat Inc.
Diego Sutachan, Vice President, Sales & Marketing - Measat*

Session TH8: From Innovation to Return on Investment: Dynamics of New Satellite Applications—Part II

3:00 pm – 4:30 pm Capri Room

In the final instalment of our two-part session, Euroconsult will focus fully on existing and emerging satellite applications for both fixed and mobile communications and entertainment in the international marketplace. The discussion will be centered around the impacts of the dynamics of applications such as HD, mobile and IPTV as well as mobile and fixed satellite broadband and DAB in the different world regions on international satellite market players' business models, and how companies expect to capture part of the growth generated by terrestrial and satellite innovations.

Moderator: ***Rachel Villain**, Director of Space & Communications - Euroconsult*

Panelists: ***Patrick Agnieray**, Marketing Director - Alcatel Alenia Space
Olivier Colaitis, Director, Marketing & Sales - Telespazio
Olry Gérard, Head of Telecommunications Marketing & Sales - EADS Astrium
Clayton Mowry, President – Arianespace Inc.*

Box Luncheon (and Program)

(Sponsorship Available)

Session TH4: ITAR Regulations And You-How To (Still) Prosper Under The Regime

12:30 pm – 1:30 pm Exhibitor Pavilion

The International Traffic in Arms Regulations and Global Competitiveness of the U.S. Space Industry ITAR jurisdiction over the majority of the U.S. space industry is here to stay for the foreseeable future. Many contend that such jurisdiction weakens the international competitiveness of the industry, or at least segments of the industry. But is this necessarily so? Much of the U.S. space industry, as with most U.S. industry, is subject to regulatory requirements to which many of its foreign competitors are not. Can the U.S. space industry manage ITAR compliance just as it manages compliance with other U.S. regulatory regimes, or does the ITAR impose a unique burden upon the industry in the global marketplace?

Moderator: ***John Ordway**, Partner – Berliner, Corcoran & Rowe, LLP*

Panelists: ***Leslie Taylor** – Spectrum Reform Division, Office of Spectrum Management, NTIA*

FEATURED EVENT

ISCe 2006: Charting the Wave of Entertainment and Digital Content Applications

Two Forums Bringing Together content providers, service providers and equipment manufacturers in the booming satellite service marketplace

ISCe Conference and Expo 2006

June 13-15, 2006, San Diego Hilton Resort at Mission Bay, California

Satellite technology continues to open up new markets and offer new intertwined hybrid applications for both businesses and consumers. Mobile applications, and the markets that will use these applications, bring together satellite and terrestrial services into one service offering. The sessions in these two forums will explore the present and future business cases for mobile video, DBS, satellite radio and mobile broadband. Special emphasis will be on highlighting the successful applications of such hybrids.

These issues will be covered extensively in two forums at ISCe 2006: The Carmel Group's Five Burning Questions: Cable, Satellite and Telco Entertainment Forum and the Digital Content and Mobile Forum. Participants at ISCe will learn ways to recoup the investments that they have made in these innovative new applications by interacting directly with the successful CEOs and top executive leaders who already have mastered these applications, according to conference chairman, David Bross.

"The focus this year is on satellite, of course," said Jimmy Schaeffler, Chairman of the Carmel Group. "However, we are also reaching into the spaces where satellite is a key participant, and which in the past may have been taken for granted, such as content, IPTV, and broadband, as well as mobile services and advanced services, all tied closely to multichannel operators such as cable, telephone and Direct Broadcast Satellite (DBS). Then there is our hallmark CEO panel, which already has drawn CEO's such as MovieBeam's Tres Izzard and MovieLink's Jim Ramo," he added.



Among the featured speakers in the Entertainment Forum includes from left Josh Goldman, CEO-Akimbo; Jim Ramo, CEO,-Movielink; Blake Krikorian, co-founder of Sling Media; and Christine Heckart, General Manager, Marketing, Microsoft TV.

The Carmel Group's highly successful Five Burning Questions conference, which covered the DBS/Entertainment business now on its 11th year, merged its program with ISCe two years ago. The partnership between ISCe and the Carmel Group has been working out well, bringing in another important dimension to ISCe's scope. "Working with HFUSA and the ISCe management has been the most positive partnership The Carmel Group has ever entered into. There is a solidness, trust and follow-through with these folks that is all-to-rate in this business," said Schaeffler.

"There are but a few cutting edge conferences every year, where top-level execs walk away feeling they've gotten their money's worth. This is one of them, but in a special way: It is much smaller and more intimate than a CES, NAB or NCTA. We can't count the number of people who, when we recollect with them, they mention that so-and-so deal was first talked about (or sealed) at one of The Carmel Group's 5 Burning Questions forums. Plus, HFUSA/ISCe is on the verge of growing a national and international franchise, whereby "getting in on the ground floor" will provide substantial future advantages," added Schaeffler.

The Entertainment and Digital Content Forums at ISCe are a value-laden addition to the ISCe program which covers a comprehensive range of topics relevant to the satellite industry. Moreover, as David Bross said: "Attendees at both the Carmel Group's Cable, Satellite and Telco Entertainment Forum and the Digital Content and Mobile Forum will learn ways to recoup the investments that they have made in these innovative new applications by interacting directly with the successful CEOs and top executive leaders who already have mastered these applications." **SM**

FEATURED EVENT

ISCE Conference Program At-a-Glance

	Tuesday, June 13, 2006				Wednesday, June 14, 2006		Thursday, June 15, 2006	
	G/VF Wireless Workshop	WTA "Translating the Trends" Workshop	Space & Security Forum	Cable, Satellite & Telco Entertainment Forum	Digital Content & Mobile Forum	Military & Government Requirements Forum	Retail & Business Enterprise Forum	Global Business, Policy & Financial Outlook Forum
7:00am					VIP Breakfast (by Invitation Only) (7:30 am - 8:30 am)		VIP Breakfast (by Invitation Only) (8:00 am - 9:00 am)	
8:00am					SIA "State of the Industry" Report (8:30 - 8:45 am)			
9:00am	Welcome: SPAWAR Commander Keynote: Maj. Gen. James Armor, Director - NSSO			Content Innovation: Looking Beyond (Mod: J. Schaeffler)	Joint Plenary Session - with AIAA (8:45 am - 10:15 am) (Mod: L. Rains)		CTO/CIO Plenary Session (9:00 am - 10:30 am) (Mod: D. Bross)	
10:00am	Coffee Break in Exhibit Hall (10:00 - 10:30am)				Coffee Break in Exhibit Hall (10:15 - 10:45am)		Coffee Break in Exhibit Hall (10:30 am - 11:00 am)	
11:00am	Hybrid Wireless: Convergence Cash Cow?	ISCe Product Demo Program	Transforming Space & Integrating the Battlefield (Mod: G. Tattini)	IPTV Strategies for Success! (Mod: J. Schaeffler)	Satellite Mobile Entertainment and Data (Mod: M. Dankberg)	DoD Network-centric Operations & Integration (Mod: D. Karp)	End-to-End Network Solutions for the Retail Enterprise Market (Mod: Chain Store Age)	Global Satellite Finance: A Forecast (Mod: R. Villain)
12:00pm	AIAA Awards/ISCe Welcome Luncheon Invited Keynote Speaker: Dr. Charles Elachi, Director NASA JPL (12:00 pm - 1:30 pm)				Leadership Luncheon (12:00 pm - 1:30 pm)		Luncheon in Exhibitor Pavilion (12:30 pm - 1:30 pm)	
1:00pm								
2:00pm	Cellular, WiFi, WiMAX, or Whatever	WTA: The Top 10 Trends You Need to Watch	Space Systems and Hybrid Networks for First Responders (Mod: D. Sachdev)	Broadband: Top 10 Drivers for 2007 (Mod: J. Schaeffler)	Content for the Mobile Platform (Mod: G. Hatch)	Future MILSATCOM Systems: A Progress Report (Mod: R. Scurry)	Optimizing Retailer's Connectivity and Increasing Efficiencies (Mod: Chain Store Age)	DC Beat: A Legislative, Regulatory & Policy Update (Mod: J. Ordway)
	Satellite-Based WiFi: Killer App?	WTA: Responding to Changing Markets		Advanced Services: Shaking Out the Hype (Mod: J. Schaeffler)	Refreshment Break in Exhibit Hall (2:45 - 3:15 pm)			
3:00pm	Refreshment Break in Exhibit Hall (3:30 - 4:00 pm)				Digital Content for Hollywood! (Mod: R. Bell)	Distributed Connectivity to the Warfighter (Mod: L. Bien)	Satellite Networks for Retailers: Improving the Value Proposition (Mod: B. Elbert)	Trends in the European, Latin American and Asia-Pacific Markets (Mod: R. Villain)
4:00pm	IP and the "New" Bottom Line	WTA: Technologies That Grow the Market	The Next Horizon: New and Evolving Comm'l Space Markets (Mod: M. Farrell)	CEOs: Breaking the Rules & Making it Happen (Mod: J. Schaeffler)	Mobile Applications for the Commercial and Government Sectors (S. Chase)			
5:00pm	SSPI Beach Blast & Welcome Reception (5:00 pm - 7:00 pm)				ISCe Reception and Awards Dinner (6:00 pm - 10:00 pm at Sea World)			
6:00pm								
7:00pm								
8:00pm	Exhibitor Pavilion Open 10:00 am - 5:30 pm				Exhibitor Pavilion Open (10:00 am - 5:30 pm)		Exhibitor Pavilion Open (10:30 am - 2:00 pm)	
9:00pm								

FEATURED EVENT

ISCe Entertainment and Digital Media Forums Program

ISCe

Satellite & Communications

a CeBIT Event

Tuesday, June 13, 2006

The Carmel Group's Cable, Satellite & Telco Entertainment Forum

(Sponsored by SES AMERICOM)

8:00 am – 9:05 am Terrazza Ballroom

9:00 am – 10:00 am

Session CG1: Content Innovation: Looking Beyond the Box

This session focuses on the software side of the business of cable, satellite, telco, utilities, and mobile services, featuring a frank and provocative discussion about the content and entertainment services and applications that service providers are rapidly adopting. Content is being delivered anywhere, all the time, to anyone! This session looks from both the content and service providers' perspectives, focusing on the business models and related issues.

Moderator: **Sean Badding**, *President and Senior Analyst, The Carmel Group*

Panelists: **Christine Heckert**, *General Manager, Marketing, Microsoft TV*
Scott Newnam, *CEO, Goldpocket Interactive/Alcatel*
Sam Pemberton, *President & CEO, Softel USA*
Tom Southwick, *Senior VP, Starz Entertainment*

10:00 am – 10:30 am

Coffee Break in Exhibitor Pavilion

10:30 am – 12:00 pm

Session CG2: IPTV Strategies for Success!

Telcos see Internet Protocol TV (IPTV) as a critical triple play service and the chance to regain a dominant place in the telecom market. But is it? Are telcos playing catch-up and need to understand not only the opportunities, but also the challenges and uncertainties? Or is this technology a Next Holy

Grail? Come learn from this technology-focused panel and hear what key executives are saying about the technology, business, marketing and regulatory realities underlying this digital medium, and its impact on telcos and the competitors. Does IPTV justify — and can it handle — the current industry hype? How does the competition react?

Moderator: **Susan Irwin**, *President, Irwin Communications*

Panelists: **Mauro Bonomi**, *CEO, Minerva Networks*
Chris Coles, *CEO, Myrio/Siemens*
Tim Krause, *Chief Marketing Officer North America, Alcatel*
Jeff Weber, *Vice-President of Product and Strategy, AT&T*

1:30 p.m. – 2:30 pm

Session CG3: Broadband: The Top 10 Drivers for 2007

In the current economic climate, operators are making careful decisions about how and where they are expanding broadband services, and which business models will be strengthening their bottom lines. Broadband commoditization and the price erosion of Internet access services are driving operators to seek new revenue streams by offering enhanced services, such as VoIP, video telephony, broadcast video and gaming. Will this be enough for satellite operators to differentiate themselves from their rivals? Will consumers be attracted to these new, bundled services? This distribution-based session examines the market drivers, the available technologies (i.e., terrestrial, satellite, and wireless), and the best business models producing the best results.

Moderator: **Harry Thibedeau**, *Manager of Industry and Technical Affairs, NRTC*

Panelists: **Josh Goldman**, *CEO, Akimbo*
Blake Krikorian, *Co-founder, Sling Media*
Robert Petty, *CEO & Chairman, Roo Group*
Shawn Strickland, *Vice-President of Verizon Fios TV Product Management, Verizon Communications*



FEATURED EVENT

2:30 pm – 3:30 pm

Session CG4: Advanced Services: Shaking Out the Hype

Included in this “Advanced Services” basket are IPTV, VOD, DVR and gaming. These new, advanced applications are revolutionizing—and complicating—business models for every operator, on a global scale. Indeed, just a couple of the more critically disruptive services include DVRs and VoIP, which have become very popular with mainstream consumers. Service providers have been attempting to capitalize on such areas, but are they underestimating the business and technology challenges facing the markets in the next two years? What partnerships are lining up? Where do advertisers fit in? Is theirs a dying art? Or are they just waiting to find their new legs? This session finds the answers.

Moderator: **Armand Mussey**, *Principal & Director, Near Earth LLP*

Panelists: **Dave Davies**, *Vice-President, Scientific Atlanta*
Tim Evard, *Senior Vice-President, Open TV*
Dan Ronayne, *Senior Vice-President, Mag Rack*
Tom Sauer, *Vice-President, AT&T*

3:30 pm – 4:00 pm

(Sponsored by Mobile Satellite Ventures)

Refreshment Break in Exhibitor Pavilion

4:00 pm – 5:30 pm

Session CG5: CEOs: Breaking the Rules & Making It Happen

For 10 years, this renowned CEO session has become a hallmark of events organized by The Carmel Group. This year will be no exception. A mixture of the best and the brightest will engage one another and their audience on the most crucial issues facing the multi-channel market. This session will cover: the next-generation of devices, content and business models, advertising, content, distribution, operators, technology, legal/regulatory...you name the topic, these business leaders are going to tackle it! This is a can't-miss final session.

Moderator: **Jimmy Schaeffler**, *Chairman and CEO – The Carmel Group*

Panelists: **Jeremy Allaire**, *Founder, Chairman & President, Brightcove*
Eric Cooney, *CEO, Tandberg Television*
Tres Izzards, *CEO, MovieBeam*
Jim Ramo, *CEO, Movielink*
Tom Rogers, *CEO, TiVo*

SSPI “Beach Blast” Welcome Reception

(Co-Sponsored by Space Systems Loral)

5:30 pm – 7:00 pm Hilton Hotel Beach Lagoon

Wednesday June 14, 2006

Digital Content & Mobile Forum

(Sponsorship Available)

11:00 am – 5:30 pm Riviera Room

Session WE1: Satellite Mobile Entertainment and Data

11:00 am – 12:00 pm

There is a rapidly growing market for new forms of mobile entertainment, including real time audio and video. Satellite has helped create and define this market through direct to user mobile digital audio and video services. This panel of leading experts will explore the future potential of these services in terms of new satellite bands, new delivery technologies, new business models and new forms of content.

Moderator: **Mark Dankberg**, *Chairman & CEO-ViaSat*

Panelists: **Christopher Baugh**, *President, NSR**
TBD

Session WE3: Watching the Small Screen: Digital Content for the Mobile Platform

1:30 pm – 2:45 pm

It's hard to believe that the cell phone explosion of yesterday has now surfaced as the most dominant strength in the entertainment industry, rivaling TV and DVD as consumers' leading choice. Mobile as a fully functional entertainment provider - news, music, sports, and video - has replaced mobile as a simple communication tool. In this session, we have gathered a seasoned group of executives from the Entertainment, TV and Mobile industries who will explore several key topics focusing on content for the mobile platform. What compelling features will create a competitive advantage? How important is content? Selling + Celebrity = Sellebrity How important are icons in the success of these mobile networks? Will the DVB-H market capture enough consumer interest to achieve positive cash flow? Don't miss this outstanding session highlighting content and the emerging mobile market.

Moderator: **Gary Hatch**, *CEO – ATCi*

Panelists: **TBD** - *ESPN*
TBD - *Sony Digital Entertainment or CNN*
Jeff Lorbeck, *Sr. Vice President & GM, MediaFLO Division – Qualcomm**
TBD - *Verizon*

FEATURED EVENT

Session WE5: And.....Action! Digital Content for Hollywood Takes the Stage

3:15 pm – 4:30 pm

Digital cinema presents a compelling vision: a revolutionary breakthrough in distribution that will lower costs, improve security and significantly expand opportunities for theater owners and studios – not to mention for satellite and terrestrial service providers that manage and transport the multi-gigabit files. Reality, however, has been slow to catch up as the vision has run head-on into established business interests and technology hurdles. Today, however, the early stages of a digital cinema market are becoming visible through multi-cinema trials and commercial distribution of pre-show content. In this session, a panel of buyers and sellers in this emerging market explore issues of secure transport, network requirements and digital rights management, and provide their forecasts for the next two years.

Moderator: Robert Bell,
*Executive Director,
Society of Satellite
Professionals International and World
Teleport Association*

Panelists: TBD

For additional information regarding speaking, exhibiting or sponsorship opportunities at ISCe 2006, please contact the Conference Chairman, David Bross at +1-301-916-2236 or e-mail at: dbross@hfusa.com For information on the event, visit: www.isce.com.



The poster for ISCe 2006 features a large image of Earth from space. Overlaid on the right is a large satellite dish. At the bottom, four circular icons represent different sectors: a satellite, a cable connector, a telephone keypad, and a power outlet. The text 'Satellite', 'Cable', 'Telcos', and 'Utilities' is written below each icon respectively.

ISCe
Satellite & Communications
a CEBIT Event

ISCe 2006
June 13-15, 2006
San Diego Hilton Resort at Mission Bay
San Diego, California
www.isce.com

5TH ANNUAL ISCe

Satellite and Hybrid Network Solutions for the Entertainment, Enterprise and Military/Government Markets

Satellite **Cable** **Telcos** **Utilities**

ISCe 2006 will present the following conference programs:

- Carmel Group's Cable, Satellite & Telco Entertainment Forum
- Digital Content & Mobile Forum
- Global Business & Financial Outlook Forum
- GVF Wireless Forum
- Military & Government Requirements Forum
- Retail Enterprise & Business Forum
- Space & Security Forum
- WTA Translating the Trends Workshop

*Invited

Organized by
Hannover fairs USA, Inc.

Supporting Organizations



Joint Conference Program with
24x7 INTERNATIONAL
COMMUNICATIONS
SATELLITE SYSTEMS
CONFERENCE 2006 (ICSSC)

FEATURED EVENT

ISCe 2006 Conference to Focus on Satellite and Hybrid Network Solutions



ISCe Conference and Expo 2006

June 13-15, 2006, San Diego Hilton Resort at Misson Bay, California

The ISCe 2006 Conference Program is shaping up nicely with its focus on Satellite and Hybrid Solutions for the **enterprise, entertainment and media, and government/military markets**. "Satellite and hybrid solutions provide a vital service for the enterprise, entertainment and media, and government/military markets. ISCe 2006 will focus on the value and cost-effective solutions that satellite and hybrid networks (cable, telcos and utilities) provide to the end user. There simply is no other conference that offers this type of access to so many senior executives," said David Bross, Chairman of ISCe 2006.

Now in its fifth year, ISC, will be jointly holding the 5th Annual ISCe Conference and Expo with the 23rd American Institute of Aeronautics and Astronautics (AIAA) International Communications Satellite Systems Conference (ICSSC) from June 13-15 at the San Diego Hilton Resort in San Diego, California.



**Maj. Gen. James Armor, Jr.,
Director – National Space Security Office
will be among the many distinguished
speakers at the ISCe 2006 confence**

"ISCe 2006 will concentrate on both satellite and hybrid networking solutions for companies in the broadcasting and entertainment business, enterprise corporate end users and military and government markets," added Bross.

"The continuing global war on terror as well as the U.S. military's continuing need to evolve and transform its communication architecture will be paramount at

the show. We also will examine why satellite radio, TV and broadband services continue to grow so rapidly. Finally, we'll take a look at the growing enterprise market for satellite services and offer some real-world case studies featuring companies who are successfully integrating satellite technologies into their telecom mixes...and doing so profitably," said Bross.

Hannover Fairs President and CEO Art Paredes said that the primary benefit of attending ISCe this year is to gain access to the most

senior level telecom, wireless, satellite, cable and utility executives gathered in San Diego in the early summer to discuss issues and opportunities that face telecom end users and to discover those cost-effective solutions that can save your company big dollars in the long run."

One other benefit of attending the ISCe conference is that attendees with full conference registrations to the ISCe conference will be permitted to attend the Monday sessions of the ICSSC conference at no charge. Additionally, those ICSSC attendees who have purchased a full conference registration to the AIAA show will be permitted free access to the Wednesday sessions (June 14) at the ISCe conference.

As in its previous successful conferences, ISCe 2006 will feature leading industry speakers in a comprehensive conference program that includes the following key components:

- GVF Wireless Workshop
- Space & Security Forum
- WTA Translating the Trends Workshop
- Carmel Group's Cable, Satellite & Telco Entertainment Forum
- Digital Content & Mobile Forum
- Military & Government Requirements Forum
- Retail Enterprise & Business Forum
- Global Business & Financial Outlook Forum

For more information on ISCe 2006 Conference and Expo contact the Conference Chairman, David Bross at +1-301-916-2236 or e-mail at: dbross@hfusa.com or go to www.isce.com **SM**



FEATURED EVENT

ISCe 2006 Conference Program Outline

(as of March 2, 2006)



Tuesday, June 13, 2006

GVF Wireless Workshop – Fixed, Mobile & Everything in Between

(Sponsorship Available)

9:00 am – 5:30 pm

Session GVF1: Hybrid Wireless: Convergence Cash Cow or a Lot of Bull?

Whether they are small, medium or large, enterprises with requirements for competitive telecommunications are increasingly opting for hybrid wireless solutions that draw upon the relative strengths of satellite, cellular, Wi-Fi, WiMAX, and other key technologies. Or are they? How big are the markets? How compatible are the systems? And to what extent are different industry sectors able to get along? This outstanding session will provide the answers to these questions!

Moderator: David Hartshorn, Secretary General - GVF

Panelists: TBD

Session GVF2: Diversified Wireless Portfolios: Cellular, Wi-Fi, WiMAX or Whatever!

IT managers are as technology agnostic as they come and wireless is no exception. Whether it's satellite, cellular, Wi-Fi, WiMAX, or whatever...they just don't care – so long as it's high-value, high-quality communications. The telecom industry is responding to this demand with diversified portfolios that offer end-to-end solutions and draw upon the relative strengths of a multitude of technologies. This session will reveal how.

Moderator: TBD

Panelists: Ron Resnick, President & Chairman – WiMAX Forum; Director of Marketing, Broadband Wireless Division – Intel
Benjamin Finzi, President, Americas Operations - WiNetworks*

Session GVF3: Satellite-Based Wi-Fi: Killer App...or Flavor of the Month?

Wi-Fi is "hot", and the satellite industry is positioned to provide connectivity for a new service that promises to become a prominent feature of the telecom landscape. But key questions remain: How much of Wi-Fi is real, and how much is hype? Is satellite technically up to the challenge? And perhaps most

importantly, is there a proven business model to support satellite-based Wi-Fi? Addressing the subject are the world's leading players in this arena.

Moderator: TBD

Panelists: TBD

Session GVF4: Wireless Infrastructure: Reaching the First (and Last) Mile

Satellite-based cellular backhaul to the PSTN is a well-established application – and it's going strong. As satellite links extend the reach of competing terrestrial wireless services, are rural regions finally within reach? And is there a compelling business model for satellite / terrestrial hybrid solutions in developing countries? This roundtable will examine the latest trends and evaluate whether such solutions are sustainable.

Moderator: TBD

*Panelists: Diana Hage, Director, Business Development – IBM Wireless Solutions**

Session GVF5: IP and the "New" Bottom Line

Times are changing...fast. IP-based wireless platforms are increasingly being provided to end users of every stripe...and the math is changing. But at some level, profit is still profit and the fundamentals still apply. Attend this roundtable to hear how IP-based considerations cut across wireless technologies and have forced a rethink of service offerings and revenue potential.

Moderator: TBD

Panelists: TBD

Exhibitor Pavilion Open

(Sponsorship Available)

10:00 am – 5:30 pm Exhibitor Pavilion

Coffee Break

(Sponsorship Available)

10:00 am – 10:30 am Exhibitor Pavilion

Product Demonstration Program

10:30 am – 12:00 pm Exhibitor Pavilion



FEATURED EVENT

Product Demo #1: Company TBD

Product Demo #2: Company TBD

Product Demo #3: Company TBD

Product Demo #4: Company TBD

Product Demo #5: Company

Space & Security Forum

(Sponsored Calif. Space Authority)
10:30 am – 5:30 pm 1% Capri Room

Welcome: **TBD**

Keynote:

Maj. Gen. James Armor, Jr., Director – National Space Security Office

Session SS1: Transforming Space & Integrating the Battlefield

As the U.S. and its allies continue to transform their militaries, satcom systems will support new capabilities for information sharing, time-sensitive targeting and communications on the move. Achieving this transformation requires viewing satellite communications links both as a capability to be integrated with the warfighter and as a vital network to be protected. This panel will examine approaches for transforming the full range of satcom capabilities for U.S. and coalition military operations.

Moderator: **Richard Buenneke**, Sr. Policy Analyst, National Security Systems Engineering
– The Aerospace Corp.

Panelists: **Peter Hadinger**, Director, Communications Initiatives, Northrop Grumman Space Technologies*
COL Patrick Rayermann, Chief, Space & Missile Defense Division, G-35, Headquarters, U.S. Department of the Army
Robert Tarleton, Chief, Communications Functional Integration Office, National Security Space Office, U.S. Defense Dept.

Session SS2: Help from Space! Hybrid Solutions for First Responders

In practically any emergency situation, whether due to natural causes or otherwise, the foremost requirement is to re-establish communications to the affected areas and communities. First Responders need flexible and adaptable communication links capable of operating with no or little local infrastructure. This must-attend panel will include representatives of police and other regional and national agencies to highlight what is needed and under what environmental conditions. Panel members will present solutions that can provide the much needed communication capabilities via satellites and hybrid networks. Modern sensor-based networks with the ability to constantly monitor infrastructures as well as the first responders themselves will also be covered in this session.

Moderator: **David Cavossa**, Executive Director – Satellite Industry Association
DK Sachdev, President – SpaceTel Consultancy

Panelists: **Carson Agnew**, President and Chief Operating Officer – Mobile Satellite Ventures
Carl Williams, Sr. Policy Director – California Space Authority
Todd Young, Director of Marketing - Rosum Corp.

Session SS3: The Next Horizon: New and Evolving Commercial Space Markets

What are the drivers in the re-emerging commercial space market? Which new businesses hold the most promise in this recovering market, and what technologies are key to the success of these new business? This panel of technology and market experts will address these questions and share their perspectives and insights regarding which are the key technology drivers for continued growth in the commercial markets.

Moderator: **Melissa Farrell**, President & CEO – Stellar Solutions Aerospace Ltd.

Panelists: **TBD** –

The Carmel Group's Cable, Satellite & Telco Entertainment Forum

(Sponsored by SES AMERICOM)

8:00 am – 9:05 am Terrazza Ballroom

9:00 am – 10:00 am



FEATURED EVENT

Session CG1: Content Innovation: Looking Beyond the Box

This session focuses on the software side of the business of cable, satellite, telco, utilities, and mobile services, featuring a frank and provocative discussion about the content and entertainment services and applications that service providers are rapidly adopting. Content is being delivered anywhere, all the time, to anyone! This session looks from both the content and service providers' perspectives, focusing on the business models and related issues.

Moderator: **TBD**

Panelists: **TBD**

10:00 am – 10:30 am

Coffee Break in Exhibitor Pavilion

10:30 am – 12:00 pm

Session CG2: IPTV Strategies for Success!

Telcos see Internet Protocol TV (IPTV) as a critical triple play service and the chance to regain a dominant place in the telecom market. But is it? Are telcos playing catch-up and need to understand not only the opportunities, but also the challenges and uncertainties? Or is this technology a Next Holy Grail? Come learn from this technology-focused panel and hear what key executives are saying about the technology, business, marketing and regulatory realities underlying this digital medium, and its impact on telcos and the competitors. Does IPTV justify — and can it handle — the current industry hype? How does the competition react?

Moderator: **TBD**

Panelists: **TBD**

1:30 p.m. – 2:30 pm

Session CG3: Broadband: The Top 10 Drivers for 2007

In the current economic climate, operators are making careful decisions about how and where they are expanding broadband services, and which business models will be strengthening their bottom lines. Broadband commoditization and the price erosion of Internet access services are driving operators to seek new revenue streams by offering enhanced services, such as VoIP, video telephony, broadcast video and gaming. Will this be enough for satellite operators to differentiate themselves from their rivals? Will consumers be attracted to these new, bundled services? This distribution-based session examines the market drivers, the available technologies (i.e., terrestrial, satellite, and wireless), and the best business models producing the best results.

Moderator: **Harry Thibedeau - NRTC**

Panelists: **TBD**

2:30 pm – 3:30 pm

Session CG4: Advanced Services: Shaking Out the Hype

Included in this "Advanced Services" basket are IPTV, VOD, DVR and gaming. These new, advanced applications are revolutionizing—and complicating—business models for every operator, on a global scale. Indeed, just a couple of the more critically disruptive services include DVRs and VoIP, which have become very popular with mainstream consumers. Service providers have been attempting to capitalize on such areas, but are they underestimating the business and technology challenges facing the markets in the next two years? What partnerships are lining up? Where do advertisers fit in? Is theirs a dying art? Or are they just waiting to find their new legs? This session finds the answers.

Moderator: **TBD**

Panelists: **TBD**

3:30 pm – 4:00 pm

(Sponsored by Mobile Satellite Ventures)

Refreshment Break in Exhibitor Pavilion

4:00 pm – 5:30 pm

Session CG5: CEOs: Breaking the Rules & Making It Happen

For 10 years, this renowned CEO session has become a hallmark of events organized by The Carmel Group. This year will be no exception. A mixture of the best and the brightest will engage one another and their audience on the most crucial issues facing the multi-channel market. This session will cover: the next-generation of devices, content and business models, advertising, content, distribution, operators, technology, legal/regulatory...you name the topic, these business leaders are going to tackle it! This is a can't-miss final session.

Moderator: **Jimmy Schaeffler, Chairman and CEO – The Carmel Group**

Panelists: **TBD**

Joint AIAA Awards Luncheon ISCe Welcome Luncheon

(Co-Sponsored by the California Space Authority)

12:00 pm – 1:30 pm Monte Carlo / St. Tropez /
Riviera Rooms

FEATURED EVENT

Welcome: **TBD – AIAA**
The Honorable Andrea Seastrand, Executive Director – California Space Authority

AIAA Awards Presentation:

Keynote Speaker: **Lt. Gen. Michael Hamel**, Commander,
U.S. Space & Missile Systems Center –
L.A. Air Force Base

WTA Workshop – “Translating the Trends: What the Big Market Developments of the Year Will Mean to Your Company”

(Sponsorship Available)

1:30 pm – 5:30 pm Exhibitor Pavilion

This half-day workshop is for satellite communications service and technology providers who face strategic decisions about responding to the market developments making headlines today. Equally valuable for end-user executives deciding where to spend scarce telecom and technology dollars, the workshop will connect the dots between developments in the news – from mergers & acquisitions to the latest technology platforms – and their businesses. Which trends do they need to follow? What will be the sometimes surprising impact of industry restructuring? How fast will customers adopt new technologies and turn them into “must-have” services and products?

The workshop, presented by the World Teleport Association (WTA), includes a top-level review of the most important market developments and roundtable discussions of their impacts by senior service and technology executives. Since 1985, the WTA has been the only nonprofit trade association that focuses on the business of satellite communications from the ground up.

Welcome and Introduction

Speaker: **Robert Bell**, Executive Director – World Teleport Association

Session WTA1: WTA Market Presentation - The Top Ten Trends You Need to Watch

Speaker: **TBD**

Session WTA2: Responding to Changing Markets and Intensifying Competition for New Customers

Moderator: **TBD**
Panelists: **TBD**

Session WTA3: Today’s Technologies That Grow Tomorrow’s Market

Moderator: **TBD**
Panelists: **TBD**

Refreshment Break

(Sponsored by Mobile Satellite Ventures)
3:30 pm – 4:00 pm Exhibitor Pavilion

SSPI “Beach Blast” Welcome Reception

(Co-Sponsored by Space Systems Loral)
5:30 pm – 7:00 pm Hilton Hotel Beach Lagoon

Wednesday June 14, 2006

VIP Breakfast (by Invitation Only)

(Sponsorship Available)
7:30 am – 8:30 am 10% Exhibitor Pavilion

SIA “State of the Industry” Report

8:30 am – 8:45 am Monte Carlo / St. Tropez /
Riviera Rooms

Speaker: **David Cavossa**, Executive Director – Satellite Industry Association

Joint CEO Plenary Session

8:45 am – 10:30 am Monte Carlo / St. Tropez
Riviera Rooms

Satellite Executives Speak: Profits, Punditry & Predictions

In this signature session at ISCe, the top leaders of the commercial satellite industry gather for their annual round of forecasts and strategizing. What will the second half of the year hold for the commercial satellite business? How do satellite executives plan to compete with terrestrial companies for business and consumer end users? What are the key new customer markets as well as hot spots for satellite-based services and where are satellite companies losing market share? Plan on attending this standing-room-only session and find out the tips and tactics that these savvy executives employ to grow their profits, during this highly interactive, audience participation session!



FEATURED EVENT

Moderator: **Lon Rains**, *Editor – Space News*
Panelists: **Mark Dankberg**, *CEO – ViaSat, Inc.*
Ed Horowitz, *CEO – SESAMERICOM**
Patrick Brant, *CEO – Loral Skynet*
Andy Sukawaty, *Chairman & CEO – Inmarsat**
Pacalle Sourisse – *CEO–Alcatel Alenia Space*

Exhibitor Pavilion Open

(Sponsorship Available)

10:30 am – 5:30 pm Exhibitor Pavilion

Coffee Break

(Sponsorship Available)

10:30 am – 11:00 am Exhibitor Pavilion

Digital Content & Mobile Forum

(Sponsorship Available)

11:00 am – 5:30 pm Riviera Room

Session WE1: Satellite Mobile Entertainment and Data 11:00 am – 12:00 pm

There is a rapidly growing market for new forms of mobile entertainment, including real time audio and video. Satellite has helped create and define this market through direct to user mobile digital audio and video services. This panel of leading experts will explore the future potential of these services in terms of new satellite bands, new delivery technologies, new business models and new forms of content.

Moderator: **Mark Dankberg**, *Chairman & CEO - ViaSat*
Panelists: **TBD** - *Viacom, Time Warner, FOX Network*

Session WE3: Watching the Small Screen: Digital Content for the Mobile Platform

1:30 pm – 2:45 pm

It's hard to believe that the cell phone explosion of yesterday has now surfaced as the most dominant strength in the entertainment industry, rivaling TV and DVD as consumers' leading choice. Mobile as a fully functional entertainment provider - news, music, sports, and video - has replaced mobile as a simple communication tool. In this session, we have gathered a seasoned group of executives from the Entertainment, TV and Mobile industries who will explore several key topics focusing on content for the mobile platform. What compelling features will create a competitive advantage? How important is content? Selling + Celebrity = Sellebrity How important are icons in the success of these mobile networks? Will the DVB-H market capture enough consumer interest to

achieve positive cash flow? Don't miss this outstanding session highlighting content and the emerging mobile market.

Moderator: **Gary Hatch**, *CEO – ATCi*
Panelists: **TBD** - *ESPN*
TBD - *Sony Digital Entertainment or CNN*
Jeff Lorbeck, *Sr. Vice President & GM, MediaFLO Division – Qualcomm**
TBD - *Verizon*

Session WE5: And.....Action! Digital Content for Hollywood Takes the Stage

3:15 pm – 4:30 pm

Digital cinema presents a compelling vision: a revolutionary breakthrough in distribution that will lower costs, improve security and significantly expand opportunities for theater owners and studios – not to mention for satellite and terrestrial service providers that manage and transport the multi-gigabit files. Reality, however, has been slow to catch up as the vision has run head-on into established business interests and technology hurdles. Today, however, the early stages of a digital cinema market are becoming visible through multi-cinema trials and commercial distribution of pre-show content. In this session, a panel of buyers and sellers in this emerging market explore issues of secure transport, network requirements and digital rights management, and provide their forecasts for the next two years.

Moderator: **Robert Bell**, *Executive Director, Society of Satellite Professionals International and World Teleport Association*

Panelists: **TBD** - *GlobeCast*

Military & Government Requirements Forum

(Sponsorship Available)

11:00 am – 5:30 pm Capri Room

Session WE2: DoD Net-Centric Operations and Integration: The New Battlefield Frontier

10:45 am – 12:15 pm

The rapid deployment of new technologies in support of Global War on Terror (GWOT) operations in Iraq and Afghanistan has provided the DoD with the opportunity to experience Net-Centric Operations and Integration in a combat environment for the first time. This experience has provided the DoD with a tremendous amount of data with respect to real world implementation of the Net-Centric vision. Additionally, it identified areas where technologies and processes need refinement and improvement. This panel will



FEATURED EVENT

provide the Services and DoD perspective on how Net-Centricity has evolved to-date and what remains to be addressed in light of lessons learned, including emerging new hostile information warfare threats directed against increasingly complex DoD C4ISR systems.

Moderator: **Art Fritzson**, Vice President – Booz Allen Hamilton

Panelists: **TBD**

Session WE4: Future MILSATCOM Systems: A Progress Report!

1:45 pm – 3:00 pm

The 2005 Congressional Budget Office (CBO) report on Military Space Programs projects funding for space systems will grow next year by more than 40 percent and double by 2011. New advances in voice, data and video delivery via transformational military communications systems will enable net-centric operations for the deployed warfighter. The Office of the Assistant Secretary of Defense for Networks and Information Integration is leading the integration effort for various critical programs in realizing the vision of the Global Information Grid (GIG). The five satellites of the Transformational Satellite Communications System (TSAT), with laser communications and Internet Protocol, will provide real time network access to the tactical user. The Joint Tactical Radio System (JTRS) program will bring a new common architecture software-defined radio to the 19 legacy waveforms and current inventory of 750,000-plus radios, enabling interoperability among the services and our coalition partners. The Navy is developing the Mobile User Objective System (MUOS) with urban canyon and foliage penetration to provide narrowband communications on the move for the 21st century mobile forces. This panel will provide the Services and the DoD perspectives on the technical and budget challenges as they develop systems to ensure continued information superiority for the uniformed forces.

Moderator: **Bryan M. Scurry**, Deputy, PEO Space Systems (Acting), Executive Director – SPAWAR Space Field Activity (Acting)

Panelists: **Dennis Bauman**, PEO, C4I & Space, SPAWAR - U.S. Navy*
Mike Kern, Sr. Systems Engineer, GIG – OASD/NII, Office of the Secretary of Defense
Shaum Mittal, Chief, SATCOM Engineering, DISA
Brig. Gen. Ellen Pawlikowski, Program Director, MILSATCOM JPO – USAF Space & Missile Systems Center

CAPT. Dave Porter (USN), MUOS Program Manager, PMW-146

Session WE6: Distributed Connectivity to the Mobile Warfighter

It is understood well how modern warfighters have adopted and mastered “maneuver warfare” tactics on the battlefield. What has not been solved, however, is how the warfighter communicates while maneuvering. What is the impact of distributed C2 whereby the warfighter must now reach not only his fellow fighter nearby, but also receive “intel” from the skies, data from archives half a world away, and SA from echelons of command throughout the battlespace. History has shown us that armies can outrun their supplies. But are we outrunning our communications capabilities? This panel of experts will reveal their solutions to these and other questions affecting connectivity throughout the military.

Moderator: **VADM Lyle Bien (Ret. USN)**, Former Deputy Commander-in-Chief and Chief of Staff of U.S. Space Command

Panelists: **Brig. Gen. George Allen**, CIO and Director C4 - U.S. Marine Corps*
Maj. Gen. Charles Fletcher, Jr., Asst. Deputy Chief of Staff (G-4), Military Surface Deployment & Distribution Command – U.S. Army*
David Helfgott, President & CEO – Americom Government Services
Dean Olmstead, President – Arrowhead Global Solutions*
RADM Mel Williams USN, Director, Global Operations (J3) - US STRATCOM*

Session WE7 - Joint Plenary Session: Mobile Satcoms on the Move for DoD & Tinseltown

4:30 pm – 5:45 pm Monte Carlo / St. Tropez Room

Mobile telephony services continue to permeate the global communication infrastructure. The ability to provide secure, quick, affordable voice access to the war fighter involved in a conflict or to the new media covering that conflict has never been easier. Accessible voice communications also have become a critical link in aiding Hollywood to produce its content away from the sound stages of Southern California and in the middle of far-flung previously difficult locations. What is the potential future growth of this market? What are the challenges and opportunities that face both satellite and terrestrial voice services providers? During this must-attend

FEATURED EVENT

session, our panel of top executives will “lift the curtain” and reveal their keys to success.

Moderator: **Scott Chase**, *President, Mobile Satellite Users Association (MSUA)**

Panelists: **Britt-Carina Horncastle**, *President, Telenor Satellite Services Holdings, Inc.*
Carmen Lloyd, *CEO – Iridium Satellite LLC**
Carson Agnew, *Executive Vice President, Satellite Operations & Development – Mobile Satellite Ventures**
Michael Butler, *COO – Inmarsat**
TBD

ISCe Leadership Luncheon

(Sponsored by G2 Satellite Solutions)

12:30 pm – 2:00 pm 100% Monte Carlo / St. Tropez Room

Welcome: **Tom Eaton**, *Sr. Vice President - PanAmSat; President - G2 Satellite Solutions*

Keynote Speaker: **Gen. James E. Cartwright**, *Commander – U.S. STRATCOM**

Refreshment Break

(Sponsorship Available)

3:30 pm – 4:00 pm 100% Exhibitor Pavilion

ISCe Reception

(Sponsorship Available)

6:30 pm – 7:30 pm Sea World

ISCe Awards Dinner

(Sponsored by The Boeing Company)

7:30 pm – 10:00 pm Sea World

SSPI Southern California Scholarship Award

Presentation: **Dan Freyer**, *President – SSPI Southern California Chapter*

Welcome: **Stephen O'Neill**, *President - Boeing Satellite Systems International*

Keynote Speaker: **Kevin Martin**, *Chairman – Federal Communications Commission (FCC)**

ISCe 2006 Awards Presentations

Thursday, June 15, 2006

VIP Breakfast (by Invitation Only)

(Sponsorship Available)

7:30 am – 8:30 am Exhibitor Pavilion

CIO/CTO Plenary Session

Tracking Technology Frontiers: The Technology Leader's Perspective

9:00 am – 10:30 am Monte Carlo / St. Tropez Room

One of the most crucial decisions a company can make is when, where and to what extent it should upgrade, adopt, cannibalize and innovate its suite of technology products. A wrong decision can impact a company's revenue negatively for years and significantly damage its ability to compete in a global economy that is reinventing itself technologically every 12 months! What are the keys to avoiding technology pitfalls? How do successful technology leaders decide where and when to invest? This must-attend panel will impart the “best practices” used by successful media, telecom and satellite companies worldwide.

Moderators: **David Bross**, *Chairman – ISCe 2006*

DK Sachdev, *President – SpaceTel Consultancy*

Panelists: **Daniel Coombes**, *Sr. Vice President & CTO, Wireless Broadband Networks – Motorola, Inc.**

Paul Heimbach, *Sr. Vice President & CTO – Viacom**

Kenneth Kuenzel, *Founder, VP of Engineering and CTO – Covergence**

Marc Pirchener, *CTO, Alcatel Alenia Space*

Richard Skinner, *Vice President, Transformational Communications, Lockheed Martin Corp.*

Exhibitor Pavilion Open

(Sponsorship Available)

10:30 am – 2:00 pm Exhibitor Pavilion

Coffee Break

(Sponsorship Available)

10:30 am – 11:00 am Exhibitor Pavilion

Retail & Business Enterprise Forum

(Sponsorship Available)

11:00 am – 4:30 pm Riviera Room



FEATURED EVENT

Session TH1: Moving from a Hub-and-Spoke Enterprise to Any-to-Any Connectivity

11:00 am – 12:30 pm Riviera Room

Many retailers have the traditional hub-and-spoke connectivity between their headquarters and individual stores. However, many end users of satellite-based technology as well as those that use terrestrial pipelines are considering “any-to-any options,” including Multiprotocol Label Switching (MPLS), a networking technology where ‘labels’ are assigned to data packets traveling through the nodes of a network. This label switching method is different from traditional internet technologies, and has proven to be a more efficient and speedy way of sending data across networks. How is the use of MPLS affecting transponder usage? Will “any-to-any options” revolutionize the way in which companies use their VSAT networking capabilities? Our panel of experts, including many users of end-to-end satellite solutions will share their insights and prognostications during this highly interactive panel session.

Moderator: Jose del Rosario, Senior Analyst and Regional Director, Asia-Pacific, NSR

*Panelists: Behzad Nadji, Vice President, Network & Systems Architecture and Chief Architect – AT&T**

*Orlando Skelton, Vice President, Enterprise Solutions – SES AMERICOM**

TBD–Reilly Auto Parts

TBD–Stride Rite

TBD–Equant

Session TH2: International Roundtable: Emerging Services in the Global Space & Communications Marketplace

11:00 am – 12:30 pm Capri Room

The International Roundtable will focus on the emerging space and communications services opportunities in Europe, Asia and the Americas. Speakers from each of these regions will outline growth markets and offer their views on how these markets likely will be addressed, the ability of domestic suppliers to match demand and the benefits of international partnerships. This session will examine the concept of creating agreements between and among international aerospace trade groups that will provide mutual and readily available assistance to any member company seeking to develop relationships in a foreign setting. Don't miss this outstanding international forum of foreign delegates.

Moderator: Richard Swanson, Jr., Supervisory Trade Specialist of the U.S. Export Assistance Center, U.S. & Foreign Commercial Service—U.S. Department of Commerce's International Trade Administration

Panelists: TBD

Session TH3: Optimizing Retailer's Connectivity and Increasing Efficiencies

1:30 pm – 3:00 pm Riviera Room

Managing your company's telecom expenses has never been more important. In this time of seemingly endless hybrid telecom options and solutions, companies are finding ways to use technology more efficiently, thereby driving down costs and improving productivity. What hybrid solutions have worked for retailers? Which ones have proven to be more promise than punch? This panel of providers and end users will sort through the myriad options facing company chief technology officers and offer solutions for your company's future telecom/networking choices.

Moderator: Connie Gentry, Senior Editor – Chain Store Age Publication

*Panelists: Ron Resnick, President & Chairman – WiMAX Forum; Director of Marketing, Broadband Wireless Division – Intel**

*TBD, CommercialWare**

Session TH5: Satellite Networks for Retailers: Improving the Value!

3:00 pm – 4:30 pm Riviera Room

Retail satellite networks historically have addressed the problem of providing credit card verification, inventory management and accounting to hundreds or thousands of stores and branches previously served by expensive and less-reliable leased telephone lines. A second and equally valuable application for satellite technology is the delivery platform for business television used in education and, in some cases, by in-store advertising. As these networks move from analog to digital format, the satellites themselves have become more powerful to reduce the cost of reception equipment. And innovations within the Internet and digital content distribution increase opportunities to enhance the customer experience, grow the business and provide cost reductions. This panel discussion will cover how leading-edge retailers are using satellites to perform legacy functions better and to provide new value. The session's interactive format will allow participants to share their innova-

FEATURED EVENT

tive ideas and experiences, as well as the opportunity for attendees to comment and/or challenge our panelists.

Moderator: **Bruce Elbert**, President, *Application Technology Strategy, Inc.*

Panelists: **TBD** – Home Depot*
TBD – Sony North America Solutions*
TBD – Chevron*
TBD – Hughes Network Systems*
TBD – GlobeCast*

Global Business, Policy & Financial Forum

11:00 am – 4:30 am ⓘ Capri Room

Session TH2: International Roundtable: Emerging Services in the Global Space & Communications Marketplace

11:00 am – 12:30 pm ⓘ Capri Room

Moderator: **Richard Swanson, Jr.**, Supervisory Trade Specialist of the U.S. Export Assistance Center, U.S. & Foreign Commercial Service—U.S. Department of Commerce's International Trade Administration

Speakers: **TBD**

Session TH6: Assessing Business Models for Satellite Operators In a Consolidated Market place—Part I

1:30 pm – 3:00 pm ⓘ Capri Room

The first part of a two-part session, Euroconsult will provide a comprehensive review of the key satellite business trends affecting your business. Euroconsult will provide a presentation of indicators of performance and development in the satellite sector. Following consolidation between leading satellite operators, the focus in the coming two years will likely be on mergers and acquisitions of regional operators, on potential investments in value added services and on the design of new business models to generate growth through new applications. Executives from leading international satellite companies will discuss strategic issues in the satellite marketplace and upcoming events.

Moderator: **Rachel Villain**, Director of Space & Communications - Euroconsult

Panelists: **TBD**

Session TH8: From Innovation to Return on Investment: Dynamics of New Satellite Applications—Part II

3:00 pm – 4:30 pm ⓘ Capri Room

In the final instalment of our two-part session, Euroconsult will focus fully on existing and emerging satellite applications for both fixed and mobile communications and entertainment in the international marketplace. The discussion will be centered around the impacts of the dynamics of applications such as HD, mobile and IPTV as well as mobile and fixed satellite broadband and DAB in the different world regions on international satellite market players' business models, and how companies expect to capture part of the growth generated by terrestrial and satellite innovations.

Moderator: **Rachel Villain**, Director of Space & Communications - Euroconsult

Panelists: **TBD**

Box Luncheon (and Program)

(Sponsorship Available)

12:30 pm – 1:30 pm ⓘ Exhibitor Pavilion

Session TH4: The DC Beat: A Legislative, Regulatory, and Policy Update

Come join us to hear about the latest developments in the nation's capital concerning space policy, and legislation and regulations of interest to the satellite and space industry (including the International Traffic in Arms Regulations). Attendance at this lively panel, composed of government and industry representatives, is a must for all those for whom goings-on in Washington have an impact or potential impact upon their business.

Moderator: **John Ordway**, Senior Partner – Law Office of Berliner, Corcoran & Rowe, LLP

Panelists: **Leslie Taylor** – NTIA*

TBD – FCC*

TBD – Department of State*

Notes:

TBD- To be decided

***Invited**

Speaking and Sponsorship Opportunities

For additional information regarding speaking, exhibiting or sponsorship opportunities at ISCe 2006, please contact the Conference Chairman, David Bross at +1-301-916-2236 or e-mail at: dbross@hfusa.com For information on the event, visit: www.isce.com

FEATURED EVENT

ISCe 2006 to Focus on Key Customers and End Users



ISCe Conference and Expo 2006

June 13-15, 2006, San Diego Hilton Resort at Mission Bay, California

ISCe 2006 will be focusing on Satellite and Hybrid Solutions for the **enterprise, entertainment and media, and government/military markets**. The conference will emphasize the value and cost-effective solutions that satellite and hybrid networks (cable, telcos and utilities) provide to the end users. "Whether a company does business in the wireless, terrestrial fiber optic or satellite markets, ISCe 2006 will be the West Coast gathering place of record," said David Bross, ISCe 2006 chairman.



Now in its fifth year, ISCe, will be jointly holding the 5th Annual ISCe Conference and Expo with the 23rd American Institute of Aeronautics and Astronautics (AIAA) International

Communications Satellite Systems Conference (ICSSC) from June 13-15 at the San Diego Hilton Resort in San Diego, California.



David Bross

The theme of this year's show is "*Satellite and Hybrid Network Solutions for the Entertainment, Enterprise & Military/Government Markets.*" "All of our session tracks are designed with this theme as our touchstone and will feature speakers not only from companies that provide hybrid telecom services but also speakers from companies representing users of satellite services," said Bross.

The partnership with AIAA will bring together two major international satellite conferences in one venue. The joint conference bring many synergies between the two programs in terms of content, speakers and a larger pool of attendees from all sectors of the industry. The partnership with AIAA is the latest addition to ISCe's growing program lineup that includes joint programs with the Carmel Group's Cable, Satellite and Telco Entertainment Forum, the World Teleport Association (WTA)'s Translating the Trends Workshop, and the Global VSAT Forum's Wireless Workshop. ISCe is also supported by the

Washington D.C.-based Satellite Industry Association (SIA), whose Executive Director, David Cavossa will be presenting its annual "State of the Industry" report at ISCe.

Those attendees with full conference registrations to the ISCe conference will be permitted to attend the Monday sessions of the ICSSC conference at no charge. Additionally, ICSSC attendees who have purchased a full conference registration to the AIAA show will be permitted free access to the Wednesday sessions (June 14) at the ISCe conference.

As in its previous successful conferences, ISCe 2006 will feature leading industry speakers in a comprehensive conference program that includes the following key components:

- GVF Wireless Workshop
- Space & Security Forum
- WTA Translating the Trends Workshop
- Carmel Group's Cable, Satellite & Telco Entertainment Forum
- Digital Content & Mobile Forum
- Military & Government Requirements Forum
- Retail Enterprise & Business Forum
- Global Business & Financial Outlook Forum

This year, ISCe is hosting a brand new exhibitor pavilion which will host a number of special networking events, live product demonstrations, conference breaks, workshops and receptions. Several outdoor exhibit slots are still available as are only a handful of 10 x 10 booths in the exhibition. Also, back by popular demand is the ISCe Product Demonstration Program "Live" product demonstrations that provide an excellent opportunity to showcase a company's new or unique product or service to ISCe/ICSSC attendees, media and industry analysts.



FEATURED EVENT

In addition to the exhibitor pavilion and sessions addressing the business concerns of executives, ISCe is offering a number of special networking events including an SSPI Beach Blast & Welcome Reception. Attendees are invited to attend this wonderful evening of food, drinks and entertainment. The Society of Satellite Professionals International (SSPI) will hold this social event with ISCe on Tuesday, June 13 on the beach

located behind the San Diego Hilton Resort. "The casual affair (think Aloha attire) promises to be a great time and will definitely evolve into an annual event," according to Bross.

For more information on ISCe 2006 go to www.isce.com or call +1-310-410-9191 or e-mail: info@isce.com **SM**

ISCe 2006 Supporting Organizations

The Asia-Pacific Satellite Communications Council (APSCC)



As a non-profit, international regional association representing all sectors of satellite and space-related industries, APSCC aims to promote satellite communications and broadcasting for the betterment of the Asia-Pacific region. To achieve this objective, APSCC provides forums to exchange views and ideas on policies, technologies, systems, services and outer-space activities that have the potential to benefit the region, to accelerate the introduction of services via satellite, and to develop and broaden the national and regional satellite communication and broadcasting services of the Asia-Pacific countries. www.apsc.or.kr

California Space Authority



Governed by a statewide board of directors, The California Space Authority (CSA) is a nonprofit corporation representing the interests of California's diverse enterprise community in all three domains: commercial, civil and national security. Designated as the official Spaceport Authority for the State of California, (CSA) is a member-based "enterprise" association. Working closely with industry, government, workforce entities and academia, CSA strives to retain grow and create CSA statewide space

enterprise. Through advocacy, infrastructure and technology development, space education/workforce support and other programs, CSA provides voice, visibility and competitive edge to California's statewide space enterprise community.

www.californiaspaceauthority.org

The Carmel Group



The Carmel Group is a world-renowned consulting and market research firm, offering clients around the world the best intelligence and strategic guidance, allowing each to enhance its position and profitability within its industry segment (or within new industry segments). The Carmel Group's expertise includes cable, satellite, telephony, broadcasting, set-top boxes, programming, digital video recorders, video-on-demand, broadband, video games and other advanced media, telecommunications and computer services. Located in Carmel-by-the-Sea, California, The Carmel Group also organizes and hosts premiere annual telecommunications events and publishes in-depth data books, white papers and other customized studies.

www.carmelgroup.com

Euroconsult



Established in 1973 as a research group, Euroconsult became an employee-owned company in 1983. Since its creation, the company has become a worldwide reference for research and advice at each

step of the value chain in the satellite industry including satellite manufacturers, satellite operators, satellite service providers, launch and services equipment, space agencies, TV platforms & channels as well as bankers, investors and insurers. With over 500 clients in 48 countries, Euroconsult is a world leader with an expertise in digital broadcasting and satellite applications for innovative & high-technology companies.

www.euroconsult-ec.com

Global VSAT Forum (GVF)



The Global VSAT Forum is an association of key companies involved in the business of delivering advanced digital fixed satellite systems and services to consumers, and commercial and government enterprises worldwide. www.gvf.org

National Rural Telecommunications Cooperative (NRTC)



The National Rural Telecommunications Cooperative (NRTC) represents the advanced telecommunications and information technology interests of more than 1,200 rural utilities and affiliates in 47 states. We help rural electric and telephone utilities strengthen their businesses with solutions uniquely suited to the needs of rural consumers. www.nrtc.coop/us/main/index

FEATURED EVENT

ISCE Conference Program At-a-Glance

	Tuesday, June 13, 2006				Wednesday, June 14, 2006		Thursday, June 15, 2006	
	G/VF Wireless Workshop	WTA "Translating the Trends" Workshop	Space & Security Forum	Cable, Satellite & Telco Entertainment Forum	Digital Content & Mobile Forum	Military & Government Requirements Forum	Retail & Business Enterprise Forum	Global Business, Policy & Financial Outlook Forum
7:00am					VIP Breakfast (by Invitation Only) (7:30 am - 8:30 am)		VIP Breakfast (by Invitation Only) (8:00 am - 9:00 am)	
8:00am					SIA "State of the Industry" Report (8:30 - 8:45 am)			
9:00am	Welcome: SPAWAR Commander Keynote: Maj. Gen. James Armor, Director - NSSO			Content Innovation: Looking Beyond (Mod: J. Schaeffler)	Joint Plenary Session - with AIAA (8:45 am - 10:15 am) (Mod: L. Rains)		CTO/CIO Plenary Session (9:00 am - 10:30 am) (Mod: D. Bross)	
10:00am	Coffee Break in Exhibit Hall (10:00 - 10:30am)				Coffee Break in Exhibit Hall (10:15 - 10:45am)		Coffee Break in Exhibit Hall (10:30 am - 11:00 am)	
11:00am	Hybrid Wireless: Convergence Cash Cow?	ISCe Product Demo Program	Transforming Space & Integrating the Battlefield (Mod: G. Tattini)	IPTV Strategies for Success! (Mod: J. Schaeffler)	Satellite Mobile Entertainment and Data (Mod: M. Dankberg)	DoD Network-centric Operations & Integration (Mod: D. Karp)	End-to-End Network Solutions for the Retail Enterprise Market (Mod: Chain Store Age)	Global Satellite Finance: A Forecast (Mod: R. Villain)
12:00pm	AIAA Awards/ISCe Welcome Luncheon Invited Keynote Speaker: Dr. Charles Elachi, Director NASA JPL (12:00 pm - 1:30 pm)				Leadership Luncheon (12:00 pm - 1:30 pm)		Luncheon in Exhibitor Pavilion (12:30 pm - 1:30 pm)	
1:00pm								
2:00pm	Cellular, WiFi, WiMAX, or Whatever	WTA: The Top 10 Trends You Need to Watch	Space Systems and Hybrid Networks for First Responders (Mod: D. Sachdev)	Broadband: Top 10 Drivers for 2007 (Mod: J. Schaeffler)	Content for the Mobile Platform (Mod: G. Hatch)	Future MILSATCOM Systems: A Progress Report (Mod: R. Scurry)	Optimizing Retailer's Connectivity and Increasing Efficiencies (Mod: Chain Store Age)	DC Beat: A Legislative, Regulatory & Policy Update (Mod: J. Ordway)
	Satellite-Based WiFi: Killer App?	WTA: Responding to Changing Markets		Advanced Services: Shaking Out the Hype (Mod: J. Schaeffler)	Refreshment Break in Exhibit Hall (2:45 - 3:15 pm)			
3:00pm	Refreshment Break in Exhibit Hall (3:30 - 4:00 pm)				Digital Content for Hollywood! (Mod: R. Bell)	Distributed Connectivity to the Warfighter (Mod: L. Bien)	Satellite Networks for Retailers: Improving the Value Proposition (Mod: B. Elbert)	Trends in the European, Latin American and Asia-Pacific Markets (Mod: R. Villain)
4:00pm	IP and the "New" Bottom Line	WTA: Technologies That Grow the Market	The Next Horizon: New and Evolving Comm'l Space Markets (Mod: M. Farrell)	CEOs: Breaking the Rules & Making it Happen (Mod: J. Schaeffler)	Mobile Applications for the Commercial and Government Sectors (S. Chase)			
5:00pm	SSPI Beach Blast & Welcome Reception (5:00 pm - 7:00 pm)				ISCe Reception and Awards Dinner (6:00 pm - 10:00 pm at Sea World)			
6:00pm								
7:00pm								
8:00pm	Exhibitor Pavilion Open 10:00 am - 5:30 pm				Exhibitor Pavilion Open (10:00 am - 5:30 pm)		Exhibitor Pavilion Open (10:30 am - 2:00 pm)	
9:00pm								

ISCe 2006 Supporting Organizations

Northern Sky Research (NSR)



Northern Sky Research is an international market research and consulting firm specializing in telecommunications technology and applications. Northern Sky Research primary areas of expertise include satellite networks, cable and wireless technology, and content/new media markets.

www.northernskyresearch.com

Pacific Telecommunications Council



Pacific Telecommunications Council (PTC) and its

international community of members promote the development and use of telecommunications and ICT to enhance communications in the Pacific Hemisphere. PTC's programs and trade exhibitions provide real and virtual gathering points for communications professionals to provide and seek solutions; to do business together; and to share the latest knowledge about communications technology, systems,

and best practices. PTC's annual conference and exhibition in Honolulu, Hawaii every January is the pre-eminent mid-Pacific meeting place for ICT professionals, government representatives, educators, regulators, and researchers. www.ptc.org

Satellite Industry Association (SIA)



The Satellite Industry Association (SIA) is a U.S.-based trade association providing worldwide representation of the leading operators, service providers, manufacturers, launch service providers, remote sensing operators, and ground equipment suppliers. The SIA represents the unified voice for the commercial satellite industry on policy issues of common concern. SIA actively identifies, analyzes, and monitors critical policy issues affecting the satellite industry. The association represents the common interests of its members to domestic and international government officials, the press, the public, and to other industries.. www.sia.org

Society of Satellite Professionals International (SSPI)



The Society of Satellite Professionals International is a nonprofit member-benefit society that serves satellite professionals throughout their careers. www.sspi.org

World Teleport Association (WTA)



World Teleport Association (WTA) is a nonprofit trade association of teleports, satellite and terrestrial carriers, technology providers, investment houses and consultants in 20 nations around the world. For teleports, WTA is the global body dedicated to building their businesses by educating them on issues, researching their markets, and connecting them to sales opportunities and strategic allies. For any organization that delivers broadband via satellite — or provides the technologies that make it possible — WTA is their gateway to international opportunity. www.worldteleport.org

ISCe 2006 INDUSTRY SPONSORS

(as of January 30, 2006)



Boeing Space and Intelligence Systems (S&IS), headquartered in Seal Beach, Calif., delivers space and intelligence systems and innovative system

solutions for national security and space applications. With more than 9,000 employees in eight major locations across the country, S&IS is a market leader in large-scale systems integration, intelligence, surveillance and reconnaissance systems, communications systems, network systems, and protection and security systems for the U.S. military and numerous government agencies.



The largest supplier of satellite services in the U.S., SES AMERICOM, Inc. is recognized as a pioneer of

global satellite communications services. Established in 1973

with its first satellite circuit for the U.S. Department of Defense, the company currently operates a fleet of 18 spacecraft in orbital positions predominantly providing service throughout the Americas. As a member of the SES GLOBAL family, SES AMERICOM is able to provide end-to-end telecommunications solutions to any region in the world. In 2001, the company established AMERICOM GOVERNMENT SERVICES, a wholly owned subsidiary dedicated to providing satellite-based communications solutions to both civilian and defense agencies of the U.S. government. With its combined operations, SES AMERICOM serves broadcasters, cable programmers, aeronautical and maritime communications integrators, Internet service providers, mobile communications networks, government agencies, educational institutions, carriers and secure global data networks with efficient communication and content distribution solutions.

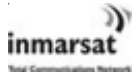
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Futron is a technology management, consulting firm enhancing our clients' abilities to make complex decisions. Using our proprietary analytic methods, models, and in-depth data repositories, Futron transforms data and information into valuable intelligence. In a world of risk and uncertainty, our results help clients make higher quality business and technical decisions. Our aerospace consulting services include market and industry analyses, safety and risk management, and communications and information management.



G2 Satellite Solutions, a subsidiary of PanAmSat, is a leading provider of global satellite and related telecommunications services for U.S. federal, state and local government agencies, the U.S. Department of Defense, foreign military organizations, system integrators and end users. We utilize proven, cost-effective commercial resources in space and on the ground to create comprehensive, customer-focused solutions that are tailored to meet specific requirements.



Inmarsat is the pioneer of global mobile satellite communications. Today, it stands at the forefront of 3G wireless telephony, capitalizing on almost a quarter of a century's experience to deliver broadband communications solutions to enterprise, maritime and aeronautical users around the globe. Inmarsat's next-generation mobile satellite service – BGAN (Broadband Global Area Network) – will combine broadband data (up to half a megabit per second) and voice telephony with seamless coverage, coast to coast, across all the world's major landmasses.



The IOT Systems, LLC approach is based on our heritage from COMSAT over 40 years of experience with In-Orbit Test systems and service and 30 years of automated in-orbit system design. These methods have been used to deliver systems to EUTELSAT, Hughes, INTELSAT, GTE, SBS and NASA among others. These systems have been recently used to test all DirecTV™, Ku-Galaxy, SBS, Sirius Satellite Radio, HotBird, EUTELSAT II satellites, AMSC and AceS mobile satellites.



Lockheed Martin Commercial Space Systems (LMCSS) is an operating unit of Lockheed Martin Space Systems Company, one of the core business areas of the Lockheed Martin Corporation. Lockheed Martin has a 45-year heritage of building reliable spacecraft, having launched more than 875 spacecraft and clocking over 1,600 years of on-orbit performance experience. Headquartered in Bethesda, MD., Lockheed Martin employs about 130,000 people

worldwide and is principally engaged in the research, design, development, manufacture, and integration of advanced technology systems, products and services.



Mobile Satellite Ventures is North America's premier provider of mobile satellite communications. Delivering service since 1996, MSV offers customers a wide choice of wireless data, voice, fax and dispatch radio services via its two MSAT satellites. MSV provides superior capacity and reliability for customers across North and Central America, northern South America, the Caribbean, Hawaii and in coastal waters.



Space Systems/Loral (SS/L) is a premier designer, manufacturer, and integrator of powerful satellites and satellite systems. SS/L also provides a range of related services that include mission control operations and procurement of launch services. Based in Palo Alto, CA, the company has an international base of commercial and governmental customers whose applications include broadband digital communications, direct-to-home broadcast, mobile satellite services, defense communications, environmental monitoring, and air traffic control.



WiNetworks solutions allow one-way broadcast operators to extend their existing infrastructures and offer a complete bundle of attractive "Triple Play" services including Internet access, telephony, Video on Demand, interactive TV services and future mobile support. WiNetworks solutions allow broadcast operators to dramatically increase their customer base and reduce customer churn rates, while instantly increasing Average Revenue per Unit (ARPU) figures. WiNetworks solutions bring unique and cost-effective applications for WiMAX networks, while adding a new revenue sources for broadband Operators. WiNetworks has filed multiple patents on its unique technology and is a member of the WiMAX forum promoting the compatibility and inter-operability of broadband wireless access. The WiNetworks solutions have been employed successfully with leading operators in Europe and the USA. The Company is supporting worldwide projects through regional offices in United States, Europe and Asia.

Sponsorship Opportunities

For additional information regarding speaking, exhibiting or sponsorship opportunities at ISCe 2006, please contact the Conference Chairman, David Bross at +1-301-916-2236 or e-mail at: dbross@hfusa.com
For information on the event, visit: www.isce.com.