The World's Leading Event on Hybrid, IP & Connected TV

ip&tvvorldforum2011

Business Models & Technology Strategies to Monetise the Democratisation of Content

Now in its 7th year

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"Unquestionably a must-have next-year calendar blocker for everyone in the TV industry" General Manager of TV Business, Romtelecom

22-24 March 2011, Olympia, London

- 6.000+ Attendees **150+** Exhibitors **200+** Visionary Speakers 140+ Case Studies from Telcos, Cablecos, Broadcasters and
- 102+ Countries Represented
- ✓ 70+ Industry Press & Analysts
- FREE Training Seminars
- NEW for 2011 Connected TV Zone and TV App Hub

140+ Service Provider Speakers From 40 Countries:













CTO



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JOO SIK LEE

outh Korea

Managing Director

st, Russia





LORENZ GLATZ

abel Dei

Chief Technology Officer



MAITREY

erizon, USA

SIMON ORME

Director Content Services

DENNIS ANDERSSON,

Director, Global Product

Management - Content

e, UK

WU DONGLI General Manager of Video Operation Center, China Telecom Group











JOHANNES LARCHER Senior Vice President International Hulu



LESLEY MACKENZIE, Chief Digital Officer LOVEFILM



JEREMY KUNG EVP. New Media



DENNIS MILOSESKI, ANDREI KHOLODNY, Head of Design Head of TV.





JONATHAN LEWIS Head of Digital Media.

JASPER SMITH **KRISHNASWAMY** CEO Director, Interactive Video



LORENZO OROZCO Head of Content and Media America Movil, Chile

FRÉDÉRIC SITTERLÉ,

CEO, mySkr



JAY KISHIGAMI Head of IPTV

BOBBY LEE

CTO





FRANZ KURATH,



NICOLAS BRY

Senior Vice President

HANADI AYOUB Vice President of Network Architecture, Network



Head of Strategy

and Planning,





FMX. Frem

Commercial Directo

CHARLES LESS. SVP, Advertising & Digital Media Sales, ESPN STAR Sports,





















- **Content Providers from 40 Countries**

Across **3** days, **4** Conference tracks and **3** Seminars....





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TV Connected to a World of Opportunity

"I made some excellent connections and was pleased to see how unified the cable industry is worldwide." Director of Network Architecture, Cox Communications

"I loved your IPTV World Forum" Vice President & Managing Director, NeuLion & Kylin TV

"Excellent, great leads!"

"Very interesting show to meet in one place the whole telecom world."

"Excellent show this year. Very busy and high quality attendees."

"Good crowd. More direct interest from operators and service providers."

"Steady flow of quality customers throughout the show; kept busy virtually all the time."

"very good - well attended, qualified booth traffic, lots of energy at show"



2011 is the Breakthrough Year for Connected TV

IP is becoming compelling to an ever increasing group of service providers and utilised for an even wider range of environments. Not only have telcos widely deployed TV services over their IP networks, but cable companies are increasingly adopting IP from the flexibility and addressability it enables.

With major initiatives such as YouView coming to fruition, building on the increasing consumer awareness created by the many early connected TV products already coming to market. The IP&TV World Forum again studies the IP based deployments in all these markets, whilst this year IP&TV World Forum brings a greater emphasis on TV business strategies, with a new track focussing on content acquisition, management and advertising.



for 2011 TV App Hub

Tuesday, 22nd March 2011

Take advantage of the TV Appstore Revolution: FREE to attend one day summit

Organised in association with WipJam developer community, this one day training summit is free to developers. Discover how you profit from this growing market segment or influence the developer community through giving a presentation. Learn how to develop applications for the Appstore environment, and how to develop the appropriate relationship to monetise TV Appstore applications.

The TV App Developer Jam will be a one day event within the IP&TV World Forum and will be free to attend for Application Developers.

AGORA

MEDIA

Supported by:







Wednesday, 23rd March 2011

Utilising file based workflow to speed & ease content creation & delivery for multiplatform TV

New for 2011, Informa's IP Workflow is a free to attend, one day conference addressing the key issues around the important utilisation of file-based workflows. With the increased proliferation of new formats and the amplified need for efficient multiplatform distribution, effective workflow management has never been so important. Find out how filebased workflows are meeting these industry demands and proving to be the true backbone for facilitating innovation and optimising business.

Key Topics to be covered will include:

- Addressing the business case for File-Based workflows
- Developing efficient and cost effective workflows that facilitate multiplatform distribution
- Future of tapeless workflows and the advantages in live editing they offer content such as news and sport

Supported by:

- How file-based workflows are enabling the adoption of new efficient production practices such as remote production teams.
- The role of intuitive such as FIMS in standardising and easing the developments of file-based workflow practises.
- End-to-end fit for purpose workflows for new formats such as 3D



Network with attendees from 102 countries

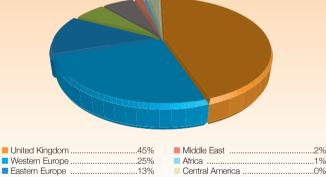


IP&TV World Forum is 100% Business...

of those who visited the IPTV World Forum 2010 will recommend their company to attend in 2011 of visitors used this event for their purchasing decisions

IP Platforms for TV	Network Optimisation	Service Management	The Business of Content
	Tuesday 22	2nd March 2011	
Cable Moving to IP P Service Scenarios The Long Term View Cloud Services for the Connected Home	 Networked Home Delivering the Networked Home Monetising the Connected Home Long-Term Service Opportunities 	 IPTV Customer Satisfaction Customer Support & Field Service Service Reliability & Robustness IPTV Deployment 	 Content Business Models Content Management and Acquisition Content Portfolio, Packaging & Pricing for IP and Connected TV New Business Models and practices in Content Security
	Wednesday	23rd March 2011	
A Broadcast- Broadband Future The Business of Democratising Content The App Store	Network Optimisation for TV over IP • Managing IP Video Traffic • Optimising the Access Network for TV • Evolving the Platform for TV	Managing Multiscreen Delivery Sponsored by: • Responding to a Multi- Device Environment Image: Comparison of the text of tex of text of tex of text of text of text of	 TV Advertising Evolution Targeted advertising Programme Sponsorship Integrated new media content strategies
	IP&TV Industry	Awards Gala Dinner 👗	
	Thursday 2	24th March 2011	
Dile TV & Multimedia Examining the Business Model for Mobile TV Developments in Structural design or Impeccable Streaming Multimedia, Applications & Augmented Reality for Mobile TV	CDN • CDN & Telcos: Opportunities and Challenges • Innovative Architectural Choices in CDN Design • CDN Ecosystem • Leveraging Cloud and Media Service from CDN	 Content Discovery in the Connected TV Environment Best Practice TV User Experience Design 	 On Demand Evolution Evolving the On Demand Model in the Connected TV Environment 3D on Demand Interactive Services

IPTV World Forum 2010 – Geographical Attendance



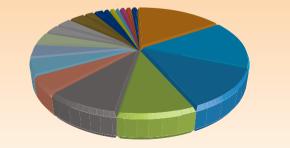
Full Ecosystem Participation

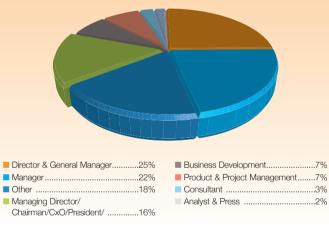
Latin America

..6%

.6%

IPTV World Forum 2010 – Exhibition Attendance





Senior Level Buyer Side Engagement...

IPTV World Forum 2010 – Conference Attendance



"Perfect event for users, buyers, suppliers and integrators to meet and to share ideas. I learned a lot and got to know many important persons at this event." Senior Account Manager, Edgeware

"A very focused event capturing the latest trends in the IPTV industry" SPM - IPTV Network Infrastructure, **Ericsson**

"Great compact event to network with the who is who in international iptv." **CEO, Moviepilot GmbH**

"As usual very well organizedgood latest status of the TV Transformation and updates." Chairman, Joint UMTS Forum - GSMA Mobile TV Group

"A "must do" calendar event..." **Commercial Strategy & Planning,** SES Astra



 Device Manufacturer	Content Provider
Networks	Software Provider1%
Software Solutions	Transmission
Press / Analyst	Web Analytics
Broadcaster	Advertising0.03%
 Industry Body	Government0.03%
Application Platform Provider3%	Hospitality0.38%
Content Distribution	Investor0.03%
Systems Integration	Legal0.03%
Semiconductors & Components2%	Online Retail0.07%
Test & Measurement	Product Distribution0.42%
Consulting1%	Research & Development0.42%



Operator/ISP	Gaming 1% Hospitality 1% Investor 1% Marketing & PR 1% Product Distribution 1% Research & Development 1% Systems Integrator 1% Transmission 1% Conditional Access 0.1% Construction 0.1% Test & Measurement 0.1% Law 0.1%



North America

Asia Pacific



of visitors had budgetary responsibility of up to £5m

of Exhibitors at IPTV World Forum 2010 will recommend their company to attend in 2011

of Exhibitors said their objectives were met

Day One: Tuesday, 22nd March 2011

DAY ONE KEYNOTE PLENARY SESSION: COMBINING CABLE BANDWIDTH WITH IP FLEXIBILITY TO CREATE COMPELLING CONSUMER SERVICES

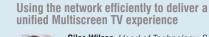


09.00 Chairman's Opening Remarks Colin Dixon, Senior Partner, Advisory, The Diffusion Group



Manuel Kohnstamm, President, Cable Europe, Managing Director, Public Policy & Communication, Liberty Europe

Manuel Kohnstamm is Managing Director, Public Policy & Communications, of Liberty Global. Based largely in Amsterdam and Brussels, he is responsible for government affairs, external relations and communications throughout the Liberty Globa group in Europe. Manuel started at Liberty Global's subsidiary UPC NV in August 1999 and held several positions in corporate affairs, public policy and communications. Manuel joined UPC from Time Warner where he worked at their European office from 1992, most recently as Vice President, Public Affairs. At Time Warner Europe, Manuel was responsible for legal and regulatory policy activities in support of Time Warner's various European media operations such as Time Inc., Warner Bros. and Turner Broadcasting. Manuel is President of Cable Europe, the European Cable Communications Association, a Member of the WEF Strategic and Government Affairs Community, and Member of the Board of Directors of Telenet Group Holding.



Giles Wilson, Head of Technology, Solution Area **TV Ericsson** Dr. Giles Wilson is CTO of Ericsson's TV business, driving

the company's strategy and vision for integrated digital video technology for the creation, management and delivery of the individual television experience. Previously Dr. Wilson was Chief Architect at TANDBERG Television, leading the development of solutions based on advanced video compression

technologies. Dr. Wilson's work with AVC has resulted in TANDBERG Television's award-winning solutions for VC-1 and MPEG-4 AVC HD and SD encoding technologies. These world-first solutions have cemented Dr. Wilson's reputation as one of the foremost engineering experts in the digital media industry.



Ian Mecklenburgh, Director of Consumer Platforms Virgin Media

Ian has over 20 years experience in the communications, IT and media sectors where he has specialised in defining, developing and delivering internet, IPTV,

interactive TV and broadband services for global blue chip organisations and start-ups. Prior to joining Virgin Media he spent four years as a consultant for organisations including the Digital TV Group, working to develop the industry association's connected TV strategy. He worked on the launch of Freesat and IP Vision's Fetch TV and also advised Capita plc on the UK's Digital Switchover Help Scheme. Ian has held senior digital media and technology positions at Home Choice (now TalkTalk), the BBC where he worked on the early development of what became Freeview, and at Cable and Wireless plo

Winners of the Next Generation TV Audience: Darwinism and its impact on the media ecosystem



Murali Nemani, Director, Service Provider Video Marketing, Cisco



Prior to joining Cisco in 2008, Murali held a variety of positions with Alcatel in marketing and portfolio strategy. In these positions, he was focused on strategy development for the multimedia applications division targeting high-growth segments, including advanced advertising and content sharing/distribution. He also led Alcatel's global Triple Play & IPTV marketing program while based in Paris - seeding the market and helping Alcatel establish a billion dollar revenue engine

Networking Break & Exhibition Visit 10.30

ATTEND ANY STREAM: SERVICE MANAGEMENT NETWORK OPTIMISATION THE BUSINESS OF CONTENT THE Sponsored by: Sponsored by Sponsored by IPTV CONTENT IP CABLE **NETWORKED** BUSINESS 0 CUSTOMER **2**0 **A**mariner 11.30 Chairman's Introduction HOME MODELS BROADCAST SATISFACTION INTERNATIONA & Speed Networking Arjang Zadeh, CEO, 11.30 **Chairman's Introduction** 11.30 **Chairman's Introduction & Speed Networking** 11.30 Chairman's Introduction **Azdio Technologies** & Speed Networking Tony Brown, Principal Analyst & Speed Networking Informa Telecoms & Media Stuart Sikes, President, Parks Associates Martin Weiss, Partner & Managing Director, Solon Leadership InsightAvoiding pushing technology to your customers 11.40 11.40 Leadership Insight: Customer Satisfaction **MOVING TO IP** 11.40 Leadership Insight: Completing the & the Path to Profitability After Broadband and Mobile pipes, and now, we **Broadcast and IT Convergence** How are we (the industry) Doing Thus Far? Bit of need new pipes : Home Pipes, and How, we new Pipes will be in place, and Openness ensured, that competition will come. Streamlining video production and distribution a Report Card. Sets a baseline. 11.40 Hybrid Cable TV • Where is the Customer Heading? This opens the door for some reflection on trends in IPTV and the workflow by utilizing Best Practice IT data management • Combining the best of RF TV and IP TV for full solutions through a Service Oriented architecture. Patrice Fryson, CEO, LEA Com functionality and future proof networking challenges to meeting those changing expectations. Trends could include ... Ubiquitous HD, TVEverywhere, Steve Jones, Senior VP/GM, CodecSys Division, • Hybrid TV's role in bridging the gap between **Broadcast International** DELIVERING THE NETWORKED HOME IPTV and broadcast technologies 3 D , Service Assurance for Applications.Service Assurance needs to be Baked In. Gone The Networked Home Service Revolution • Networked Home as a concept for the future and how it will transform lives • Using Hybrid TV to provide full advantages of 12.00 **CONTENT MANAGEMENT,** are the days of real performance insight being digital TV how it will transform lives
Revealing the potential for Networked Home services, understanding consumer requirements
Developing a strategy utilising a limited number of successful, cost effective technology choices an afterthought. • VoD and interactive content even the mobile **ACQUISITION & DISTRBUTION** Does Customer Satisfaction guarantee Profitability? phone as a feedback channel Curtis Howe, President & CEO, Mariner Lorenzo Orozco, Head of Content and Media Acquiring and Distributing Content 12.00 America Móvil Chile to maximum effect for New Media Platforms CUSTOMER SUPPORT & FIELD SERVICE Jeremy Kung, EVP, New Media, Telkom Malaysia • What are the strategic challenges of content CONTENT PROVIDI **Operator Case Study: Customised Edge** Acquisition for programmes that will be 12.00 Justifying the Switch to IP 12.00 **Enabling Ultimate Flexibility and User** 12.20 • Stating the business case for IP – what are the Monitoring based on MediaRoom Client Data broadcast on multiple devices? Control How do broadcasters and operators measure benefits? Collating accurate service performance what interactive content to invest in? · Providing innovative answers to the challenges of Why are cable operators going to IP? data is vital to ensure the delivery of high quality connecting every device in the home Enabling pay-TV, music and videos from wherever they are in the home Providing a fully scalable platform that significantly lowers the cost of deploying multi-Harold Gronenthal, Senior Vice President & General · How can operators capture and generate more TV service Manager, Program Acquisitions & International What options are available in one of the most revenue by using IP cable? Development, Rainbow Media Holdings, USA prevalent IPTV middleware platforms to facilitate Enabling addressability, personalisation and that process? interactivity 12.20 The role of IPTV in bringing enhanced content David Murargi, Customer Operations, room services · Improving bandwidth usage and efficiency to the viewer in a DTT dominated markets Improving consumer experience to enhance Portugal Telecom subscriber stickiness and prevent churn François Pogodalla, Chief Executive Officer, Advanced Digital Broadcast Peter Percosan, Chief Technology Officer, · Offering new choices to the viewer; VOD, catch-**Delivering a Customer Orientated TV Solution Cable Europe Labs** 12.20 up TV and network PVR. • The future of IPTV in relation to the customer; • Providing premium content through flexible **Case Study: Connected Home** 12.40 • Usage of IPTV and the experience of IPTV in pay packages. Deployment in South Korea 12.20 Panel Discussion: the Netherlands • How can IPTV operators change viewer's habits Evaluating connected home operations and their value to customers
 Interconnecting gadgets and devices to enable a fully connected service Assessing the Benefits of Moving to IP • Developing a customer focussed User Experience and perception towards Connected TV services · Hybrid options for delivering interactive services Eric Jan Doorenbosch, Director TV, KPN in less habituated markets? over cable Successful Strategies for Quality Daniel Vondráček, Examining the stickness of multi screen and interactive entertainment
Success of operations to date 12.40 • Performance of features and functionality Assurance in DTV Delivery Marketing Manager- Content Services, 02 • Video media quality and traffic mixing Different approaches to quality assurance and 12.40 **Content Workflow Management** Joo Sik Lee, Managing Director, SK Broadband Media, South Korea • Standardisation of IP cost reduction - our experience Best practice for Hybrid and IPTV QA – a step by and Optimisation Peter Percosan, Chief Technology Officer, **Panel Discussion: Realising the Business** 13.00 step approach What are the key issues surrounding rights **Cable Europe Labs Opportunity of Networked Home** • Future requirements on quality assurance management and what solutions are available? Manuel Sequeira, CTO, Clarifying the business proposition and the case for the connected home
 In the future connected home environment, what will conjugate back Mikael Dahlgren, CEO, Agama Technologies How best can material workflow be managed? Zon Multimedia, Spain What innovations and solutions are available in Lorenz Glatz, Chief Technology Officer, Kabel 13.00 Panel Discussion: STB Inventory – Reducing scheduling tools? will services be? **Costly & Unnecessary Swaps and Returns Deutschland Breitband Services GmbH** Convergence in the digital home – where are the opportunities? • What is the future and relevance of linear scheduling? Alan Delaney, Head of Business Develop Set Top Box swap out are frequently the result of What challenges face VOD and combined scheduling?

Marketing IPTV & Connected Home, Solution Area TV, Ericsson

- 12.50 Networking Lunch & Exhibition Visit
- Considering PCs, digital TV receivers, STBs, DVRs, HDTV, Next Generation DVDs, games consoles and Digital media players
- Monetising the connected home how do you put a price on services?

David O'Rourke, Director, Business Development, Omnifone, UK

Philippe Calvet, Business Group Chairman, HGI, France Telecon

Willem Verbiest, Vice President, MultiMedia Solutions, Alcatel Lucent

- 13.40 Networking Lunch & Exhibition Visit
- a costumer call
- How can service providers ensure that this action will result in a problem fix?
- How can the STB inventory be most effectively managed

Ioannis Antoniadis, IPTV Technical Director,

Romtelecom

Marc Lirette, P.Eng., Technology Strategy, TELUS plus further speakers to be announced

- 13.30 Networking Lunch & Exhibition Visit
- Michel Beke, Product Manager, MediaGeniX
- Panel Discussion: Tackling Issues of Multi 13.00 **Platform and Multi Country Rights Management** Helene H Miksche, Senior Legal Counsel, Bird & Bird Alexandr Yesayan, Director of External Relations, UCOM LLC Bethany Gorfine, President & CEO, **Federal Hill Communications**

13.30 Networking Lunch & Exhibition Visit



specific platforms?

on different devices?

distribution model?

content creators?

in the media industry

Any channel will do!

15.40 Panel Discussion:

develop a global top brand

Saudi Arabia

services?

14.40

CONTENT PROV

14.55

PLATFORM PROVI

15.10

CONTENT PROVID

15.25

CONTENT PROVI

CONTENT PRO

CONTENT I

CONTENT PORTFOLIO, PACKAGING & PRICING FOR IP AND CONNECTED TV

Creating Content for Multi Screen Delivery

What are the creative concerns for creating and

adapting content for multiple screen delivery?

Does all content lend its self to multiple screen

delivery or are some types of content better on

• What kinds of content are the viewers consuming

Thomas Benski, Managing Director, Pulse Films, UK

Strengths of Broadcast & Broadband for

Implementing Affordable and Personalized

• Is personalization an important factor in today's

How can developing regions leverage a hybrid

distribution model to leapfrog to advanced TV

cost-effective and efficient means of delivery?

Pricing Content in the Connected World

• What new revenue streams are available to

· Is the cautionary tale of the music industry

protectionist approach really at all applicable to

Yousef Mugharbil, President, Digital Media, Rotana,

Bull's way to becoming a worldwide player

• How Red Bull made use of media production to

 From internal to external distribution: Showcasing the Red Bull content pool for state-

of-the-art delivery of multi format media assets

• Red Bull Media House's 360 degree approach:

How are Content Creation and Delivery

• What will be the effects of personalisation of

• What is the potential of increased harmonisation

between the broadcast and broadband delivery

Ed Hall, Chairman and Chief Executive, Canis Media

Bernhard Hafenscher, Head of Business Development, Red Bull Media House GmbH

been influenced by IP Delivery?

• Can programme creators bypass the

broadcaster to showcase content?

content delivery to the viewer?

of content to the consumer?

FremantleMedia

management, Intelsat

Andrew Piller, Commercial Director,

Michael Beach, Director of programme

Joe Pascual, CEO, Deep Sky Digital

16.10 Networking Break and Exhibition Visit

NEW BUSINESS MODELS AND

PRACTICES IN CONTENT SECURITY

16.40 Case study: UltraViolet - Meeting consumer

to the same content on multiple devices?

· What has been the industry response and

• Are cloud based DRM systems such as UltraViolet

the answer to consumer demand to have access

demands while protecting content

Case Study: Giving wings for IPTV: Red

· Are models of traditional content pricing

perfunctory in a connected TV world?

the film and TV content creation?

Buno Pati, Co-Founder and Chief Executive Officer,

• What makes the Hybrid distribution model the most

Hybrid Distribution: Leveraging the

Television Services Worldwide

• What is the benefit of a hybrid content

entertainment television experience?

IP SERVICE SCENARIOS

14.30 The Use of the Converged Multi-Service Access Platform (CMAP) for Deployment of

IP Services
 Benefits of IP video

- Savings to be realized
- Simplicity of head end and plant designs
- Transition strategies

Jeff Finkelstein, Director of Network Architecture, Cox Communications, USA

14.50 Results from Cable IP Rollout

 Technologies chosen, deployment methods and timescales

Rationale for countrywide roll out

 How VOD and interactive services can revolutionise services

• Customer satisfaction and usage to date Craig Bachmann, Head of Cable Market

Support Center, TM Forum

15.10 Panel Discussion: Making IP over Cable A Reality

Can IP be the answer everywhere? Are there any exceptions?

• How will cable operators manage investments to

upgrade their infrastructure and introduce new

- E OPERAT
- technologies?What are the investment opportunities and requirements for cable operators?
- Comparing the available technologies to enable migration how do they compare?

Moderator: Reinaart Bryssinck, Director, Cable Service Providers, Cisco

Sergey Gusev, First Deputy General Director, Technical Director, ER Telecom

Kim Wonho, Chairman, Korea Digital Media Industry Association, KODIMA

15.40 Networking Exhibition & Refreshment Break

THE LONG-TERM VIEW

- 16.40 Results from Cable IP Rollout • Making interactivity easier
 - Allowing high speed delivery of rich content through IP
 - Enabling greater diversity of content
 - Improving efficient use of bandwidth

17.00 Migration to IP Across the World

- Is IP the only solution to competitive pressures for cable companies moving forward?
- Considering the relative influence of cable market penetration and size
- Determining the best time to switch given local factors
- How age of networks and other broadband
- alternatives factor in the decision to switchVariations in cable subs growth and industry
- revenue patterns across the world

Yun Chao Hu, Chairman, Open IPTV Forum

17.20 Panel Discussion:

- Improving Content, Interactivity and Choice
 How can cable operators differentiate themselves from their competitors in a crowded market?
- Improving network reliability, availability of signal, ease of multiroom television, picture quality for HDTV, more on demand options

MONETISING THE CONNECTED HOME

14.30 Service Provider Case Study:

TOR

OPEI

OPE

OPER

- Delivering the Connected Home
- Strategic business drivers for a networked home propositionWhat is the business case for the networked
- home?

 Customer insights and appeal of different
- networked home services • Key challenges and learnings
- Carolyn Luey, Head of Strategy and Planning, Telecom New Zealand

14.50 Delivering Plug and Play IPTV Throughout the Home

- Overview of home networking market and HomePlug's increasing popularity
- Success stories: service provider and retailer benefits from HomePlug networking
- Delivering solutions: seamless integration of
- HomePlug with other networking technologies • Next generation enhancements for HomePlug

networking Rob Ranck, President, HomePlug Powerline Alliance

15.10 Panel Discussion:

Choosing the Right Technology

- Outlining the technology choices to be made in terms of middleware, gateways and home network solutions
 - Considering the potential of WiFi, Powerline, Femtocell, Cable, Ethernet and POF in facilitating the Connected Home
 The importance of effective standardisation to
- enable seamless interaction between devicesIs there an optimum technology for home
- networking or is it a combination of right fit solutions
- Sasa Kramar, CEO, Iskon Internet, Croatia Vassily Birulin, Head of Multimedia & Convergence, Vimplecom, Russia

Norocel Munteanu, Manager TV Product Development, Romtelecom, Romania Matt Theall, President, HomeGrid Forum

15.40 Networking Break & Exhibition Visit

LONG TERM SERVICE OPPORTUNITIES

16.40 Defining the Roadmap for the Future

- Outlining developments in gaming consoles, integrated TVs – how will technology evolve?
- Examining the case for CE control of the
- consumer relationship
- Understanding the different needs of content providers, service providers, CE companies and consumers
- Examining the role of standards in content protection
- Paul Berriman, Chief Technology Officer, PCCW Hong Kong

17.00 Services in the Cloud

- Highlighting the advantages of cloud service technology
- Remote monitoring: How can you access services in the cloud?
- Understand the cloud services models, relative operational challenges and their associated
- revenue potentialSecurity, customer lock in, reliability and billing
- Simplifying access for the consumer and using
- the cloud to maximise the number and variety of available services
- Randolph Nikutta, Leader of New Media, Innovation Development, Deutsche Telekom

17.20 Panel Discussion:

- The Future of the Networked Home • What do people need? Considering remote
- access, time and place shifting, locally generated connect, web video blending, storage services, social networking, gaming and

SERVICE RELIABILITY & ROBUSTNESS

14.30 Case Study:

An STB based Approach to Enhanced

Operational Control Focussing on the STB as a source of customer

usage and performance information Toivo Praakel, Network Director, Elion

14.50 Why does 3D TV require higher quality

- than ever?3D stereoscopic contents quality issues and
- consequencesMeasuring the User Experience on 3D TV
- Taking control of the service delivered
- Jean Michel Planche, President and Founder, Witbe

15.10 Minimising Churn with Proactive

Customer Management

- understanding drivers behind customer satisfaction and loyalty in the world of mass consumer IPTV
- the ambition to actively manage technical QoS along the delivery chain and what operational and organizational effort this requires
- focus topic: the challenge of managing technical quality of service (QoS) and its impact on quality of experience (QoE)
- building an integrated corporate process starting from continuously tracking truly measured customer experience over analyzing root causes to implementing lasting change
- provide an overview on achieved service

optimizations and resulting customer satisfaction Steffen Weihrauch, Head of IP Service Management, Deutsche Telekom

15.30 Networking Break & Exhibition Visit

IPTV DEPLOYMENT

16.40 Competing with Entrenched incumbents

through Aggressive Pricing Plans

Assessing the challenges and facing

• Taking a radical pricing approach to

Ensuring Customer Satisfaction

customer services, Telekom Srbija

mature triple play market

demonstrate value

satisfaction levels

Time' Installation

customer satisfaction

* subject to final confirmation

Belgium

17.20 Panel Session:

efficiencies

Luxembourg

Netherlands

17.50 Close of Session

costs

17.00 Case Study:

opportunities presented to a new entrant into a

Tristan Dumonte, CEO, Alpha Networks (billie),

· Clarifying the key factors affecting customer

• Examining the deployment of IPTV in Serbia

Quantifying the Benefits of 'Right 1st

Cliff Konsburg, Head of Internet Services, P&T

*Marcel van Lienden, Senior Project Manager, Tele2,

Understanding how installation influences:

Natali Delic, Director of Development, Residential

• How is cable innovating and positioning itself to win the video customer?

Dimitar Radev, CMO, Blizoo, Bulgaria Roger Blakeway, President, SCTE Ravi Mansukhani, Managing Director, Incablenet, India

17.50 Close of Session

- I COMMENCE
- Examining the business model for enabling, security, health and energy management services – will service providers own the service or revenue share with providers?
- What will be the biggest trends in the future?
- Where do we go from here?

Jukka Helin, CTO, Qbitech Ltd Ted Laverty, Senior Representative, DLNA

17.50 Close of Session



new profitable distribution channels

support towards UltraViolet?

Sony Pictures International

Tim Wright, Director of Technology,

 Offering a pragmatic approach to the multi device challenge

17.00 IPTV - Simplifying the equation for harnessing

- Use case Migrating cable to IP
- The future Security as an (insurance) service vs. a technology
- Geir Björndal, EVP Products & Markets, Conax AS

17.20 Panel: How Best to Protect Premium Content in a Connected TV World

- What are the best strategies to prevent loss of revenue? Should free and open content delivery be embraced or feared?
- What is the role of DRM's in the world of free and open content delivery?

Helen Anderson, Associate, SNR Denton

Tim Wright, Director of Technology, Sony Pictures International

Tom van Gorder, Vice President of Worldwide Sales & Channels, Arxan Technologies

Antonio Gioia, Project Manager, DTT Content Factory, Mediaset, Italy

17.50 Close of Session



Day Two: Wednesday, 23rd March 2011

08.00 to 08.50 ANAYLYST BREAKFAST BRIEFING

A popular feature of the IP&TV World Forum, this focussed learning & networking opportunity allows you to meet the industry's leading analysts in an informal and relaxed atmosphere, and ask the questions pertinent to your business, whilst networking with peers who share your specific interests. Each Analyst will host a roundtable of up to 10 people discussing a key theme as listed below. Roundtables will be available on the first come, first served basis -arrive early to join your favourite discussion topic. A buffet continental breakfast will be served. For full details of Roundtable Analyst & Topics see www.iptv-forum.com

The Future of the Set Top Box Teresa Mastrangelo, Directing Analyst - Cable, Satellite & IPTV Video, **Infonetics Research**

Cable moves to IP via EuroDOCSIS 3.0 Gary Schultz, President/Principal Analyst, Multimedia Research Group, Inc. (MRG)

Tablets: The New TV Screen in the Living Room Peter White, CEO ReThink Wireless

Sylwia Boguszewska, Analyst, Europe, Pyramid Research Best Practices for OTT Success: Platforms. **Business Models and the Consumer** Colin Dixon, Senior Partner, Advisory, The Diffusion Group

DAY TWO KEYNOTE PLENARY SESSION: CONNECTED TV: CHALLENGING BUSINESS MODELS FOR THE TV ENVIRONMENT?

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08.00 Doors Open & Distribution of the IPTV World Forum Daily 09.00 Chairman's Opening Remarks: Giles Cottle, Senior Analyst, Broadband, Informa Telecoms & Media

Johannes Larcher, Senior Vice President International, Hulu

Johannes Larcher serves as Hulu's Senior Vice President of International and is responsible for leading Hulu's expansion efforts outside the United States. Prior to joining Hulu, Johannes served in a number of internationally focused roles, including

General Manager of International at Overture, where he led the international business from initial concept definition to market leadership in 12 countries across Europe and Asia prior to its acquisition by Yahoo! in 2003; and as Vice President and General Manager, International for Friendster. Johannes' background also includes a wealth of online startup and consulting experience, serving as Co-Founder and CEO of several companies, including Academy 123, an online education service that was acquired by Discovery Communications, and most recently, Pikum, an online social entertainment company. He is a Fulbright Scholar with an MBA from the Wharton School of the University of Pennsylvania.

10.30 Networking Break & Exhibition Visit

Klaas Ilgner Fehns, Chairman, HbbTV

Dr. Klaus Illgner-Fehns joined Siemens AG, Corporate Technology, in Munich in 2000, where he was responsible for a team developing new technologies in the field of multimedia communications in heterogeneous networks. Technologies for the

utilization of networks with new service concepts, in particular including broadcast were on the agenda. As a technical consultant he supported at management level the development of a company position on mobile broadcast and got the company involved in the relevant technical fora.

In November 2004 he was appointed managing director of the Institut für Rundfunktechink (IRT), Munich. As research institute of the public broadcasters in Germany, Austria and Switzerlan main focus is on building up strong expertise in new broadcast and media technologies but also telecommunications knowledge. IRT's aim is to support the European broadcast community in technical issues including the economical impact on the market. In parallel he started to position the IRT internationally as a research and technology company.



Operator CDNs

Rob Gallagher, Principal Analyst

Informa Telecoms & Media

Brook Longdon, Head of Global Home Entertainment, Nokia Siemens Networks

Brook Longdon serves as Nokia Siemens Networks' Head of Media and Entertainment. In this role, Brook is responsible for business and overall corporate

strategy for media and entertainment solutions. The Media and Entertainment group at Nokia Siemens Networks is comprised of IPTV, MobileTV and Converged Media delivery solutions. Brook has spent the last 19 years in technical and business roles in the telecom sector in both startup environments and large corporations. Prior to Nokia Siemens Networks, Brook was Vice President of Operations and Engineering at Myrio Corp., an early pioneer in the IPTV space. During his time at Myrio, Brook oversaw nearly all aspects of the company's business. Brook has been deeply involved in IPTV since January of 2000 when he was one of the first engineers to join SourceNet, which later became Myrio Corp. At Myrio, Brook lead the systems engineering team that developed one of the world's first commercially deployed and fully integrated IPTV systems. As a result of the ground-breaking work done at Myrio, Brook was directly involved in the development of many of the technologies and practices that are now commonly used in the deployment of IPTV.

	ATTEND AN	NY STREAM:	
IP PLATFORMS FOR TV	NETWORK OPTIMISATION	SERVICE MANAGEMENT	THE BUSINESS OF CONTENT
CONNECTED TVSponsored by: TOImage: Sponsored by: TOImage: Sponsored by: TO	NETWORK OPTIMISATION FOR TV OVER IP	MANAGING MULTISCREEN DELIVERY	TV ADVERTISING EVOLUTION
 11.30 Chairman's Introduction & Speed Networking Giles Cottle, Senior Analyst for OTT & Broadband, Informa Telecoms & Media 11.35 Leadership Insight: Connected TVs –IPTV 2.0 : the Home Cloud Strategic choices & concrete examples from 	 11.30 Chairman's Introduction & Speed Networking Huw Price-Stephens, Ambassador, Open IPTV Forum 11.35 Leadership Insight Lee Weijun, VP, ZTE USA 	 11.30 Chairman's Introduction & Speed Networking Steve Hawley, Principal Analyst, tvstrategies 11.40 Leadership Insight: The Hybrid TV Platform, Enabling Multi-Screen Delivery 	11.30 Chairman's Introduction & Speed Networking Shahid Khan, Managing Partner, MAG TARGETED
 operators End user behavior : Widgets vs Integrated portals The new Home Network architecture: the cloud or the crowd ? Christophe Aulnette, Directeur General, Netgem 	ADAPTIVE STREAMING FOR IPTV 11.30 Learning from the Internet – Deploying Adaptive Streaming in a Managed Service Environment	 Creating a Consistent, personalized experience across multiple devices. What's the benefit to using the cloud as a media platform? Case Studies of Sezmi's mobile hybrid TV platform deployments in Malaysia and Latin America. Buno Pati, Co-Founder and Chief Executive Officer, Sezmi 	ADVERTISING 11.40 Learning from the Ads online • The rise of online video has undoubtedly fuelled an upsurge in innovation for the online advertising market, facilitating a greater
A BROADCAST BROADBAND FUTURE 11.55 Market Drivers for Broadcast Broadband TV Broadcast and broadband enabling the ultimate consumer choice in entertainment Uniting VoD, catch up TV, and easy access to Pay TV, DTT, OTTs, open internet and gaming How Connected TV will affect content providers,	 Clarifying the current challenges of deploying IP Video in a managed environment Surveying the success of the adaptive streaming technique on the unmanaged internet Applying adaptive streaming to managed IPTV Steven Wright, MBA, PhD Lead Member of Technical Staff, Strategic Standards, AT&T & Chair, ATIS IPTV Interoperability Forum 	RESPONDING TO A MULTI DEVICE ENVIRONMENT 12.00 Multi Screen Video and Shared Content: Benefits for Service Providers • How multi screen interactivity can enhance the	 exploitation of new forms of targeted and Interactive advertising. How much are web based advertising models challenging traditional advertising solutions and are they now pushing innovation in TV advertising forward? Can the same formative blueprint always apply for interactive and connected TV advertising and
 platform operators and CE vendors How will existing players learn to thrive in this new competitive landscape? Maitreyi Krishnaswamy, Director, Interactive Video Services FiOS TV, Verizon, USA 12.15 Case Study: The Connected TV Opportunity Accompany TV channels to migrate to the Web 	 11.50 Why deploy Adaptive Streaming in a Managed Service Environment? What are the benefits of adaptive streaming? Evaluating the application of adaptive streaming to commercial managed services Simon Jones, Chief Architect, IPTV, BT 	 service for triple and quadruple play customers Enabling access of identical paid content on any chosen home based device Benefits of one single service provider controlling multi screen activity through the home Generating whole service loyalty and improving the barrier to entry for competitors Sharolyn S. Farmer, <i>Executive Director, IPTV/Video</i> 	 what challenges are faced to make bespoke solutions from the web to TV platforms. How can broadcasters and content aggregators best adapt successful online business models and technologies into their own working practises and what hurdles are they likely to face? Rory Sutherland, Vice Chairman, Ogilvy Group UK
 A federative approach : an open platform to control distribution and fix one's own prices Preserving TV ecosystem on the web Increase content visibility online Search: make an easier access to legal content for consumers Consumers: one account, one clic, all the content Frédéric Sitterlé, CEO, mySkreen, France 	 12.10 Deploying Case Study: Three Screen Strategy in the Caribbean Evaluating an adaptive bit rate approach Alex Holt, Managing Director, TV and Entertainment Cable & Wireless Communications 12.30 Panel Discussion: Coping with the 	 Realization, Service Concepts & Requirements, AT&T Labs, USA 12.20 Any Device, Any Time What the customer expects: latest trends in media consumption Controlling the consumer's ability to create and consume content across multiple devices Highlighting the key drivers for multi screen functionality Making all media viewable across all types of devices 	 12.00 Advertising Goldmine? Advancement in targeting and interactivity being heralded as the future for more effective and precise advertising is nothing new. The theory is solid, but in practice what has been the Ad industries real take up and how much has it embraced this new advertising arena. Is there currently justification in the cost of
 12.35 Panel Discussion: The Ultimate TV Package Does TV evolution stop at Connected TV? Is this the ultimate content convergence? How should the industry react? What are the threats to Pay TV broadcasters? How can content owners and suppliers, OTT operators, broadcasters and service providers work together profitably to get the most out of this new opportunity? 	 Explosion in Video IP Traffic – Lessons from the Frontline Traffic over the internet has been explosive in the last 18 months, and has to a large extent been driven by the growing consumer adoption of broadband delivered video. Solutions touch on all areas and layers of the network, not only driving renewal and accesser advards but delayers 	 Making all media viewable across all types of devices Alistair Brown, Head of Digital, STV Group PLC 12.40 Panel Discussion: Delivering A Compelling Multi Screen Experience That People Need and Want How can service providers make the multi screen services as compelling as possible? 	 12.20 Protecting the Viewer Protecting the Viewer Greater interactivity creates new opportunities for a personal relationship between the advertiser

 How can this new technology be effectively monetised? Leslev MacKenzie, Chief Digital Officer, LOVEFiLM

- network architecture such as CDN and Edge as we
- Creating a seamless and transparent service
- Transforming and streamlining multiple service
- and consumer What are the ways in which this is creating new

Global IPTV

Egor lakovley, CEO, Tvigle Media, Russia Liliana Chacon, Telecommunications Manager and Former Director of IPTV Strategy, ETB, Colombia Bobby Lee, CTO, BesTV, China Steve Koenig, Director, Industry Analysis, Consumer **Electronics Association**, USA

Vassilis Seferidis, PhD, Director, European Business Development, Samsung Electronics Europe

13.05 Networking Lunch & Exhibition Visit

from DPI through to silicon level enhancements. Thomas Helbo, IP Operations & Development Manager, Telia Stofa, Denmark Jorge Miguel Cardoso, Access & Transport Technology, Optimus, Portugal Gilad Peleg, VP Marketing & Business Development, Oversi John Watson, Executive Director, AT&T

13.00 Networking Lunch & Exhibition Visit

9

delivery platforms to best effect

• The need to monetise relationships with consumers as well as content owners, brand managers and advertisers

John Denton, Managing Editor of TV Platforms, BBC Jay Kishigami, Head of IPTV, NTT Japan Richard Bullwinkle, Chief Evangelist, **Rovi Corporation**

John Bishop, Senior Vice President, Products & Business Development, Inlet Technologies

13.10 Networking Lunch & Exhibition Visit

commercial opportunities?

• What are the responsibilities of different players with regard to protecting the rights of consumers?

• How do we ensure an environment which balances protecting consumers and supporting new business models?

Jonathan Thompson, Director of Strategy, Ofcom

12.40 Networking Lunch & Exhibition Break



14.30

SPORTS

14.50

AD AGEI

15.10

16.40

BROADCASTER

17.00

17.20

Singapore

platforms

PROGRAMME SPONSORSHIP

Case study: ESPN Star & Mercedes Benz

Looking at marketing solutions on cutting edge

· Advantages of complete customisation for client

in regards to content relevance and presentation.

• Strengthening brand association: Mercedes Benz SLS AMG and F1 Singapore Grand Prix.

What where the greatest challenges and pitfalls of such a tailored advertising solution and what does the

future hold for similar ventures and developments?

Charles Less, SVP, Advertising & Digital Media Sales, ESPN STAR Sports, Singapore

Increased Importance of Brand Recognition

With the ever increasing amount of content now

and association have? • Are programme advertising idents still effective

and how can they utilise increased interactive services at the viewer's disposal?

• From post production embedded product

Chris Palengat, Worldwide Account Director,

• What is the role of branded indents in the multiplatform content landscape?

With increased focus on aggregating certain content to a 'second Screen' what news

· What creative innovations are arising through

hybrid and connected TV advertising.

INTEGRATED NEW MEDIA CONTENT STRATEGIES

Funding catch up TV • Advertising is the most logical way to fund online

Is this creating greater advertising revenues or

simply siphoning sources of money from the traditional TV advertising landscape?

Free access to content may prove the most popular business model for consumers but how

much advertising are they prepared to endure?What opportunities are there to engage the

viewer? Ad selector, relevant programme sponsorship, increased delivery of bespoke

advertising measured by viewing habits etc.

Ed Couchman, Commercial Controller, Future &

Capitalising on Multi Screen Delivery

multiple screens, can advertiser formulate

With a move to create and distribute content for

strategies and campaigns which span across multiple user devices?

What opportunities are on offer form augmented

• Reaching the viewer as the consume content through handheld devices

Consumers might want content wherever, whenever and on multiple devices. Whether or

not they want to be exposed to advertising

• What can be done to familiarise the consumer

advertising hold the key to winning over the consumer Is multiple and time shifted advertising a positive

driver for the increase of quality in advertising

everywhere too is a different question.

with advertising on new platforms?Does increased targeted and personalised

reality and location based technologies?

Panel Discussion: TV Everywhere;

is advertising welcome too?

Speaker to be announced

content and strategies.

Tess Alps, CEO, Thinkbox

Deborah Armstrong, SVP of Sales, **Fox International Channels**

Digital media advertising, Channel 4

catch up services but what effects does this have on the greater TV advertising industry.

Richard Sunderland, Managing Director, Heavenly Group Ltd

Mirek Smyk, Managing Director, Mirek Smyk Consulting Group srl

15.40 Networking Break & Exhibition Visit

Saatchi & Saatchi Fallon

placement to augmented reality, what new innovative technologies are on offer?

Panel Discussion: Thinking Outside 'the Box'-

Raising Brand profile and Content Association

through Indent, widgets and menu advertising

possibilities are there in branding and advertising

Eudald Domenech, CEO, InOutTV Fliss White, Head of Brand Marketing, LOVEFiLM.com

available to the viewer through multiple platforms how much importance does brand recognition

and Association with Content

Creating a more engaged experience through user ability to simultaneously interact and react

THE BUSINESS OF DEMOCRATISING CONTENT

14.30 Case Study: Defining the Ideal Strategy for a Connected TV Future

- plans for the years ahead
- Working profitably with content owners to ensure the ideal product offering for the consumer
- What is the market potential for this new service and how best should the service be run?
- Consequences of democratising content and the importance of ensuring that the system is

effectively regulated Henry Derovanessian, Senior Vice President

eering, **DIRECTV**

- Defining the Next TV Experience, combining 14.50 TV viewing with Internet content & services
 - Evolution of TV usage over years
 - Challenge to face when TV meets Web
 Belief and model developed in Orange SoTV project
 Review of BtoC services delivered on top of TV: TV App, 2nd screen, social TV, content discovery,

 - motion control & gaming BtoB Value proposition

Nicolas Bry, Senior Vice President, Orange Vallee, France

- Panel Discussion: Defining Industry Standards Will YouView and HbbTV stifle the Pay TV market? 15.10
 - How can the industry adapt?
 How can competing platforms differentiate themselves sufficiently to preserve their place in
 - the market?
 - What features and functionality are required to
 - deliver feature rich broadcast and internet services? Defining minimum requirements for hybrid
 - entertainment services and the need to simplify implementation in devices
 - Is OTT picture quality and content security really good enough at present? Enrico Polese, Strategy and Innovation,

Telecom Italia, Italy Peter MacAvock, Project Manager, EBU James Strickland, Technical Director, Freesat

Fearghal Kelly, VP Media Solutions, Media Practice Division, ioko 15.40 Networking Break & Exhibition Visit

THE TV APP STORE

- The Connected TV Opportunity for non 16.40 traditional TV Media
 - How Connected TV will influence the way consumers watch TV
 - Who can benefit from this new medium? Is Pay TV compatible with the new Connected TV model? • Utilising the power of Connected TV through
 - casual games Jasper Smith, CEO, PlayJam, UK

17.00 Connected TV: The AppStore Opportunity

Andrew Burke, CEO, Amino

- Creating the Ultimate TV App Store Utilising the app store as a branded interface for
- customers Various benefits of media and retail applications –
- Achieving full app store functionality including dynamic content rendering, statistics and usage history, recommendations, promotional support and a billing interface
- Utilising consumers' desire for interactivity, choice and personalisation to best effect
- Andrew Heselwood, Head of Media & Entertainment Development, BT Concept to Market

17.40 Panel Discussion:

17.20

- Making the App Store a Business Reality • Why are apps necessary? Do people really use apps? What is the demand for free and paid apps on the Connected TV?
- What are the opportunities for service providers and how should they engage?
 The need to develop a single app store platform for multiple devices
- for multiple devices
- How can content owners and application developers work together most profitably?
 How do you stimulate developers to make apps for a particular platform?
 How do you differentiate between the many different app forms?
 What represe of encounter will be most papeling (profitable)
- What genres of apps will be most popular / profitable? Paul Johnson, COO, AppMarket.tv Pascal Racheneur, Director/GM International,

The Weather Channel Interactive John DeGuzman, Global Director of Emerging Products,

Associated Press

OPTIMISING THE ACCESS NETWORK FOR TV

14.30 Addressing the Ever Increasing Demand for High Bandwidth Managed Services to the Home

· Surveys the developing area of broadband TV, including IPTV, OTT tv and Connected TV, and examines both the opportunities and the challenges arising from this fundamental change in consumer broadband services. Laurie Gonzalez, Marketing Director, Broadband Forum

Optimizing the Network for IPTV and 14.50 **Quality OTT to Multiple Screens**

· Overcoming limitations in access nework for the delivery of video · Optimizing the service management layer to

effectively deliver video to multiple screen, OTT, to mobile and to TV

Mats Johansson, Marketing Manager, Ericsson

15.10 Panel Discussion: Enhancing Video Delivery in the Last Mile -Which Solution is Right for You?

• xDSL currently provides two-thirds of global consumer broadband, and xDSL has maintained that share despite the introduction of alternative broadband technologies. Dynamic Spectrum Management (DSM), channel bonding and vectoring are receiving much attention as ay of enhancing DSL installed investment and increasing the speed, reach, and stability of xDSL networks. • Meanwhile (FTTH is making strong progress despite the economic downturn. But different regions are showing different levels of progress. This, in combination with announcements of several new fiber technologies for PON (10G GPON and 10G EPON, WDM PON) and new Ethernet point-to-point flavors, has resulted in a staggering array of options for fibre operators Nranbat Nasanbat, CEO, MSCCom, Mongolia Laurie Gonzalez, Marketing Director, Broadband Forum

15.40 Networking Break & Exhibition Visit

EVOLVING THE PLATFORM FOR TV

- **Case Study: Replacing an IPTV Platform** 16.40 • Evaluating a new platform for an established IPTV
 - costumer base Selection process for an IPTV platform
 - Managing the migration from old to new
- OPERA Gerhard Faltner, Head of multimedia & Home Solutions, A1 Telekom Austria AG, Austria

17.00 **Case Study:**

OPER

- **Evolving the IPTV Product Platform**
- Assessing the key feature development in a
- leading IPTV platform New applications and hardware features forward
- roadmap Frank Lonczewski, Head of Product Management OPE IPTV, Deutsche Telekom

17.20 Case Study: Refreshing an IPTV **Deployment for Growth**

Avinash Mathur, Director TV Services, Commercial, du, UAE

Saleem Mobhani, VP of Digital Marketing and Entertainment, du, UAE

17.50 Close of Session

"There were quality attendees and a large part of the ecosystem represented all in one place."

"The whole event was very interesting, people were very

TECHNOLOGICAL CHALLENGES

- Creating a Seamless Multi Screen Service 14.30 Developing a multi screen architectural framework building on investments made in
 - single service delivery platforms Enabling converged content management across
 - multiple screens
 - Providing real time information on consumption, billing, financial accounting and auditing · Factors in aiding end user interactivity
 - Ben Kinealy, Head of IPTV Operations Telstra, Australia

OPER

Managing Content Effectively 14.50

- Allowing the subscriber to access particular categories of content from multiple registered viewing devices
- Effective identity management and security protection
- Enabling simple access to personalised services through username and password from any machine

Speaker to be announced

15.10 Panel Discussion: Making Multi Screen Work

- Effectively delivering content to the home
 Ensuring a seamless handover of content between screens
- Understanding the differences between the way people consume different types of media, eg. music, catch up TV, internet, TV and PC movies
- Managing content rights sufficientlyThe negative risks of 'sign in' fraud if hardware
- identification is not used Facilitating content protection and DRM on a
- device by device basis Philippe Loiret, Group Strategy Advisor, Orange
- Anthony Ng, Head of Application Development, **HKBN**, Hong Kong

Eric Rosier, Vice President, Business Development, Envivio

Shahrul Imran Sultan, VP of Consumer Technology and New Media Division, MEASAT, Malaysia

Exhibition & Refreshment Break 15.40

MULTI SCREEN FREEDOM AND FLEXIBILITY

- 16.40 **Responding to a Multi Device Society** Evaluating the impact of the iPad, tablet PC and iPhone on society
 - · Enabling people to watch tv on devices both large and small

• Understanding the variations between user

devices, screen sizes and operating systems

Tomasz Berezowski, CEO, ITI Neovision, Poland

Making the Multi Screen Truly Interactive

· Delivering relevant advertising content across

· Reducing churn and increasing customer

Zhang Yuxia, Director of IPTV, CNTV, China

How will Multi Screen expand and develop

• How can service providers, CE manufacturers

and content owners work together to benefit

Making the handover transition to multi screen from older systems as smooth and

Mr Lim Chin Siang, Director of IT & Technology,

satisfaction through allowing consumers to

interact with the brands they want, wherever and

Leveraging the federated profile to create highly

· Can there be a synchronicity between all devices?

 The emergence of belly telly viewing and drill down content possibilities

targeted interactive advertising

The Future for Multi Screen

most from this new opportunity?

straightforward as possible

Puneet Garg, Managing Director,

Deutsche Telecom KK, Japan

· Expectations for the future

whenever they want

Panel Discussion:

over time?

MDA, Singapore

Bharti Airtel, India

17.50 Close of Session

Horst Melcher. President

17.00

17.20

OPER

all screens



Day Three: Thursday, 24th March 2011

08.00 to 08.50 ANAYLYST BREAKFAST BRIEFING

A popular feature of the IP&TV World Forum, this focussed learning & networking opportunity allows you to meet the industry's leading analysts in an informal and relaxed atmosphere, and ask the questions pertinent to your business, whilst networking with peers who share your specific interests. Each Analyst will host a roundtable of up to 10 people discussing a key theme as listed below. Roundtables will be available on the first come, first served basis –arrive early to join your favourite discussion topic. A buffet continental breakfast will be served. For full details of Roundtable Analyst & Topics see www.iptv-forum.com

The Commoditization of IPTV Benjamin Schwarz, Founder, CTOIC

VoD Content and Trends - Deals with Broadcasters and Channel Groups Richard Broughton, Senior Analyst **IHS Screen Digest**

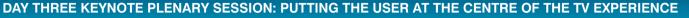
The Emergence of Social TV: Opportunities for Service Providers Jose Alvear, Editor/IPTV Analyst, Multimedia Research Group, Inc. (MRG)

TV Apps: Assessing the Business Opportunity

Multiplatform Video Distribution Aditya Kishore, Senior Analyst, **Heavy Reading**

AWARDS

Giles Cottle, Principal Analyst Informa Telecoms & Media





IGITAL LIV

08.00 Doors Open & Distribution of the IPTV World Forum Daily Vincent Dureau, Head of TV Technology, Google Inc

Vincent Dureau is head of TV technology at Google. A well respected industry veteran, he launched his engineering career in 1984 at

Thomson Consumer Electronics research department in Paris, France, later moving to Thomson's research lab in Los Angeles. He then went on to found OpenTV, a provider of software solutions for PayTV operators. Since 1987, he has led numerous technical developments. in the field of multimedia, consumer user interfaces, video compression, interactive television and television advertising. He is active in several industry groups.



Geeta Chaudhary, Vice President, Multimedia Integration Practice, Alcatel-Lucent

Geeta has worldwide responsibility for delivering the global business plan for Alcatel-Lucent's integration services in the multimedia domain covering IPTV, Mobile TV and related areas such as applications, advertising, content management and multiscreen. In this role, Geeta is responsible for defining and driving innovative solutions portfolio with in-house and partner products and building a competitive services delivery strategy. Ms. Chaudhary draws on an extensive background that includes more than 18 years of experience in telecommunications and IT with senior positions at service providers and vendors in the North American and Asia Pacific markets. Previously, Ms. Chaudhary served as the Vice President of Marketing & Product Management for Reliance Infocomm, India's largest mobile service provider. She began her career at AT&T, holding several senior management positions before moving to

India in 1998 to set up and manage her own venture-funded eCommerce busin

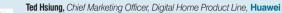
Bill Holmes, Vice President, Business Development, Netflix, USA

09.00 Chairman's Opening Remarks Dr. William Cooper, Founder and Chief Executive, informity



Mr Wu Dongli, General Manager of Video Operation Center, China Telecom Group & Vice President of Shanghai Telecom Corporation

Mr Wu is responsible for the management of the world's largest IPTV deployments. China Telecom were winners of the 2010 IP&TV Industry Award for Best Subscriber Growth Achievement for their 2009 service growth. Recent independent predictions are that China Telecom's subscriber numbers will double in 2010 to 8.5 million, and reach 31 million by 2014.

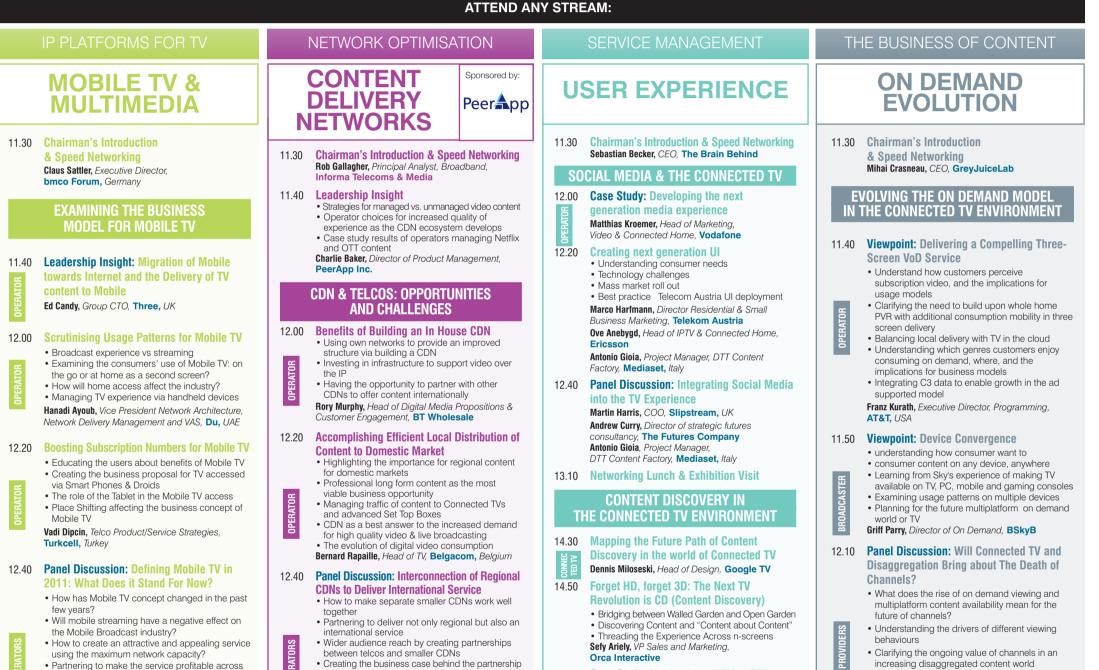


Mr Ted Hsiung, is a senior executive with excellent ability to deliver key financial results contributing to business success for over 35 years.



Before joining Huawei as Chief Marketing Officer, Digital Home Product Line, Ted held various senior positions with PCCW and Cable & Wireless HKT for over 16 years. His last position was Head of Business Development in International Projects of PCCW, responsible for new business development of PCCW operation expertise and solutions e.g. IPTV and telecom license projects for markets in China, South East Asia and Middle East. From 1993 to 2007, he held positions as Head of Business Development of Cascade Ltd. President Business Development & Management, President Commercial Services, Director of Wholesale, Director of Customer Service Operations, Director of Business Process Re-engineering and Director of Procurement.

10.30 Networking Break & Exhibition Visit



Internet Television & I			For more information and to
13.10 Networking Lunch & Exhibition Visit	13.10 Networking Lunch & Exhibition Visit	15.30 Networking Break & Exhibition Visit	13.30 Networking Break & Exhibition Visit
Simon Orme, Director Content Services, BT Wholesale, UK	Oskar van Deventer, Senior Scientist, TNO Information and Communication Technology, Netherlands	How to manage CB migration from IPTV to OTT TV, without losing money; Angelo Busato, Head of TV Experience, Media & TV, Fastweb, Italy	Toby Russell, Chief Executive Officer, 3Vision Gidon Coussin, VP Business Development & Co- founder, Boxee, USA
the value chain Dr. Akil Al Akil, Vice President and Head of Regulatory Affairs, Mobily, Saudi Arabia Ian Mullins, CEO, Yamgo, UK Ken Blakeslee, Chairman, WebMobility	model – is there enough space for everyone? Thang Vu Duong , <i>R&D Chief NGN & Content Network</i> Architect, Head of CORE Audiovisual (Content Delivery) Program, Orange Labs Networks and Carriers Gian Paolo Balboni , Head of Strategy and Innovation, Telecom Italia , Italy	 15.10 Case Study: Moving from IPTV to OTT FASTWEB first IPTV player in Italy; FASTWEB IPTV story; Digital TV market competition in Italy; IPTV vs. OTT TV solutions for FASTWEB; 	Franz Kurath, Executive Director, Programming, AT&T, USA Jonathan Lewis, Head of Digital Media, Channel 5, UK Andrei Kholodny, Head of TV, Svyazinvest, Russia

21-22 March 2011, London

This course explores the business models and technologies that underpin Internet Television and IPTV services and explains the options for network operators to deliver services to customers. The course introduces the concept of Internet and IPTV services and examines service offerings to analyse the business models being employed in this emerging market segment. The technology choices for the delivery of television are also examined to explain the features and capabilities that can be supported and to allow a comparison with other forms of entertainment service delivery.

Course Contents

Introduction to Internet Television & IPTV

TRAINING EXCELLENCE

- Technology Overview
- Access Network Technologies
- Formats & Protocols
- Service Delivery & Management

register for this programme contact Telecoms Academy on

Tel: +44(0) 20 7017 4414 Email: training@telecomsacademy.com Web: www.telecomsacademy.com

DEVELOPMENTS IN STRUCTURAL DESIGN FOR IMPECCABLE STREAMING

- 14.30 Creating Economically Sustainable Mobile **TV Services**
 - Supporting on-net and OTT TV services
 - Optimising network cost and user experience · Leveraging assets to derive new revenue streams from content providers
 - Simon Orme, Strategy Director Content Services, **BT Wholesale**
- 14.50 Using Different Networks (CDMA, GSM, WCDMA) to Deliver MBB for End Users • Taking a closer look at the telecom market in Sudan
 - MBB growth in Sudan · Sudani case history: Growth of customer base and traffic

• Assisting in enlargement of TV coverage in Sudan Mohammed Osman Mohammed Ahmed, Data Services Manager, Marketing Department, Sudani (Sudatel), Sudan

- 15.10 Panel Discussion: Achieving Balance Between Mobile Broadcast, Mobile Streaming and Place Shifting
 - How to make Mobile TV, mobile streaming and Place shifting devices work alongside each other
 - The advantages and disadvantages of Place Shifting Technology
 - Differentiating between Place Shifting and Time Shifting · Clarifying the business case for Mobile broadcast

Nora Goodman. President, Finally! TV, USA Jaskirat Singh Gill, General Manager Entertainment, Bharti Airtel Limited, India

15.40 Networking Break & Exhibition Visit

MULTIMEDIA, APPLICATIONS & AUGMENTED REALITY FOR MOBILE TV

- 16.40 Augmented Reality, Rich Content and **Personal Mobility**
 - Is augmented reality a new enabler for rich interactive infotainment content?
 - The emerging market for AR content and applications
 - · The relevance, timing and impact on the media industry. · Augmented Reality content and applications
 - examples Technology enablers for AR to succeed
 - The role of AR in monetisation of rich content deliverv

Ken Blakeslee, Chairman, WebMobility

- 17.00 Content as a Commodity in Mobile TV
 - Making content for mobile work with content for TV Long form vs short form Mobile streaming as a way to increase revenue Richard Hicks, Mobile Sales Manager, ITV, UK
- 17.20 Differentiating Services by Personalisation Improving Mobile TV Using Apps Shaun Gregory, Managing Director, O2 Media, UK
- 17.50 Close of Conference

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INNOVATIVE ARCHITECTURAL CHOICES IN CDN DESIGN

- **Case Study: International CDN service to** 14.30 Stimulate Content Delivery in Developing Markets OPERATOR
 - Taking a close look at CDN infrastructure in the Middle East

Mario Pino, Director, Business Development and Strategy, Digital Media Services Unit, Etisalat, UAE

14.50 **Cloud Computing, Telcos and CDN**

- How Cloud Computing benefits multiple CDNs · How it fits together with the business model for pure CDN
- · How telcos and the cloud ecosystem must evolve to offer better customer experience
- OPE Sam Farraj, AVP Content Services, AT&T, USA

15.10 Successfully Delivering Content to Scale and Performance

 Managing partnerships between broadcasters and CDNs

Charles Heslop, Content Delivery Network Manager, Perform, UK

Utilising CDNs in Maturing TV Markets in 15.30 Malaysia

- Broadcasters and operators partnering to deliver high quality of TV viewing experience
- Looking at the latest development within CDN delivery
- SATELLITE Mustafa Mamat, Head of Strategy, MEASAT, Broadcast Network Systems Sdn Bhd, Astro, Malaysia

15.50 Networking Break & Exhibition Visit

CDN ECOSYSTEM

- Panel Discussion: Identifying the Key 16.30 **Players in the CDN Ecosystem**
 - Drivers vs Barriers to CDN Ecosystem Development Wholesale perspective on CDN
 - Identifying the business strategy across the value chain are we heading towards consolidation? Who will stay and who will go in the consolidation
 - stage? Mattias Fridstrom, Director, Portfolio Management, **TeliaSonera International Carrier**
 - Matthias Maurer, Head of Customer Value
 - Management, Deutsche Telekom ICSS, Germany Emilio Sepulveda, Manager Strategy & Business Innovation, Telefonica International Wholesale Services, Spain

Michael O'Donnell, CEO, Skytide James Segil, CEO, EdgeCast Networks

17.00 Broadcaster perspective on CDN

- Increasing customer base through CDNs • OTT and CDN, how to set up a win / win relathionship Achieving Improved Quality of Service
- Samer Salameh, Director General, Totalplay, Mexico 22
- 17.20 **Examining the CDN Operator Experience** Developing the business case for pure play CDNs
 - Acquiring licensing contracts with telcos How do you make CDN scalable and available?How do different players cooperate?
 - Brian Joe, Senior Planner,
 - Verizon Communications, USA

Case Study: Building Wholesale CDN 17.40 Solutions * Differentiated CDN services to ISPs and

Content owners Baris Polat, Project Manager, Turk Telekom, Turkey 18.00 Close of Conference

- **BEST PRACTICE TV USER EXPERIENCE DESIGN**
- **Case Study:** Developing a Best in Class 16.30 **EPG** solution
 - A recent in depth survey found the Unitymedia user experience to one of the best available in Europe.

Dr. Daniel Hesselbarth, Senior Manager Innovation & Interactive, Unitymedia, Germany

- 16.50 **Case Study: Three Screen Navigation**
 - Developing and deploying a new user interface for multiplatform TV service.
 - Geert Kelchtermans, Manager, TV, Belgacom
- 17.10 Case Study: UI development for a Hybrid System
 - Combining DTT and IP for a strong on demand enriched experience
 - Håkan Brander, Director Product Management & Development, Boxer, Sweden

17.30 Panel Session: Key Considerations in

- **Developing a Customer Focussed UI** • Undertanding how users will find content in an
- increasing complex & disaggregated world
- Darren Dadpour, User Experience
- Lead & Technical, Lead, BT Vision
- Tobias Bauckhage, CEO, Moviepilot
- Trenton Moss, Director, Webcredible, UK Tanya Lidstone, Director of User Experience, ioko

18.00 **Close of Conference**



"Unquestionably a must-have next-year calendar blocker for everyone in the TV industry. The only opportunity for industry experts to share their vision in a common place and confront it with other's ideas." **General Manager of TV Business, Romtelecom**

INTERACTIVE SERVICES

- 14.30 Developing Interactive Services for the **Next Generation of Consumers**
 - Assessing the progress of the kids entertainment market to meet the growing digital appetite of children
 - · Personalising services for children through interactive and 'clever' technology

CONTENT PROVIDEF

- Developing a content package which offers children the flexibility of on-demand television whilst reinforcing online content security, incorporating parental control Paul Robinson, Global CEO, KidsCo
- Mapping the future Landscape for 14.50 Interactive Services – where will the good
 - business opportunities lie?
 - What are the key trends shaping the landscape? Who are the main players?
 - Where is the innovation occurring? Jason Purcell, CEO, First Capital

Case Study: On Demand evolution using 15.10 Multiple Devices

- Implementing a TV Everywhere strategy
- Integration of services across multiple devices
- Increasing personalization of the IPTV service Dennis Andersson, Director, Global Product Management - Content, TeliaSonera

What Makes the User Interface a Major 15.30 Key to Success of a VoD Service?

- Understanding why the UI needs to be part of your USP
- Identifying the challenges when developing a UI for different devices
- · Measuring and analysing the User Experience Anna Soisch, Head of Webportal Product, Maxdome, Germany
- 15.50 Close of Session & Exhibition Visit



"Great event! It was a great

Product Development Director, Affero

"It's a very good opportunity

to learn about market trends,

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start new business."

IPTV Manager, ETB

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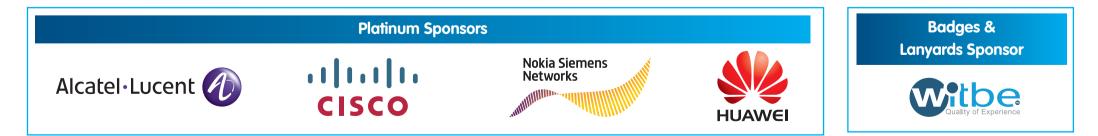


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Principal Analyst & Consultant, Advanced Media Strategies (tvstrategies tm)





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and got to know many important persons at this event" Senior Account Manager, Edgeware the cable industry is worldwide" Director of Network Architecture, Cox Communications





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Implementation for IP, Hybrid or Best On-Demand Solution or Connected TV

Best Network or Access Network

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Best IP Workflow Solution or

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for

Implementation for TV

- Best Quality Improvement Solution IP, Hybrid or Connected TV Best Enabling Silicon, IP or
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- Best Service Delivery Platform for IP TV Best TV Consumer Device or CPE Service Growth Achievement

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Vodafone Group Services, UK

vstem (CMS)

Content Mar

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PAUL BERRIMAN







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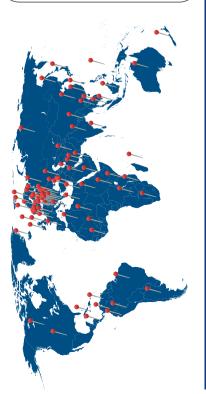
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