Sim Video 2009 Technology Open House
On January 29th, Sim Video hosted its fourth annual Technology Open House in Toronto and experienced an unprecedented turnout of industry professionals eager to take in the latest in digital cinematography and high definition production tools. Applied Electronics co-sponsored the event and showcased AVE's F51 serial digital video interface and converter, Multideys' F5X1000 transmitter, F1X5000 receiver and GAGNATTM portable fibre kit, Tektronix's WFM5000 HD/SD-SDI portable waveform monitor, and Panasonic's BT-L3770 17” LCD multi-format monitor. The event was, as usual, a great success.

Trevor Joice - 11 Years with AEL
Trevor's career in broadcast began 40 years ago when he worked at a radio station in Cobourg after studying Electronics in college. For many years, he was the Director of Engineering at CHIN Radio-TV and also worked at CTV in Toronto. Trevor joined AEL's broadcast sales team in 1998 as a Broadcast Technician and shares his expertise in audio, video and RF systems. He is recognized by many industry peers for his engineering and leadership accomplishments and was honoured with CBC's Engineer of the Year Award in 1991 and CBC's Ambassador Award in 2008.

Trevor is a beacon in his spare time, managing 6 with 100,000 bees that produce incredibly flavorful honey.

Trevor and Joanie, have two sons, and are anxiously awaiting the birth of their first granddaughter in June. Congratulations, Trevor!

Knowledge: Network
Knowledge is British Columbia's public Educational Media Service providing high quality, community-based programming and arts & culture programming. Knowledge contracted Applied Electronics to assist in the building of an end-to-end digital SD solution into their existing facility. Applied Electronics provided consultation, design and supply of the new tapeless digital system comprised of a monitor wall, master control, branding system, automation, and archive storage, which can all accommodate a future upgrade to HD.

The new master control system incorporates Miranda’s Sim Video 2009 series modular products for signal processing and distribution, Kaleido-X (7RU/4RU) fully expandable, multi-image display system with integral matrix, Precision master control switching and branding panel, Imagestore SD master control and brand processors, Vertigo X graphics manager, InXide Suffer's Xstudio template authoring system for creating and previewing television graphics, and iControl monitor and alarm. Also included is a Sundance Titan automation system and a Sun StorageTek SL500 modular library system for archiving.

In March 2009, Knowledge switched the distribution of their signal from analogue to an all-digital platform, on time and on budget. In March 2009, Knowledge switched the distribution of their signal from analogue to an all-digital platform, on time and on budget.
K2 Dyno Replay System

The K2 Dyno™ replay system is a powerful and cost-effective controller to address the need for replay control in sports and other live event televising. The K2 Dyno offers a highly intuitive control panel and user interface, high-quality 10-bit and JPEG key, touch-panel screen, and attached VGA for dual-screen operation. All of the advanced features of the K2 Summit™ production client are available through the K2 Dyno control panel, including built-in mix effects on each of the four channels, smooth six-msec playback, and instant replay at the touch of a button.

More information is available at: www.thomasgrassvalley.com

NAB Booth SL106

K2 Summit Production Client

The K2 Summit™ production client is an expansion of the current K2 server family that offers next-generation server capability. It has new features that optimize it for live events and promos/announcements, as well as all of the current K2 capabilities that make the traditional K2 broadcast and news markets.

More information is available at: www.orad.tv

Panasonic

NAB Booth C327 & C371

AG-HXP300 Memory Card Camera Recorder

The world’s first AVCCAM camera-recorder with 1/3-inch, 2.2-megapixel image sensor, the AG-HXP300 debuts with a totally redesigned body that’s compact, light and has a low center of gravity. Mobility is outstanding. Operation is easy. And the AG-HXP300 comes packed with Panasonic’s most advanced P2 HD technology. Featuring a newly designed image sensor, the AG-HXP300 supports AVCCAM, the newest motion picture compression codec in addition to the SDPBR codecs. Data is recorded onto reliable P2 memory cards.

More information is available at: www.panasonic.com

NAB Booth SU9610

With the new 5-Series, N-series and S-series products, Isilon brings to market a full range of scale-out NAS solutions, enabling customers to accelerate the productivity of mission-critical applications, workflows and processes through an efficient, easy-to-manage storage infrastructure that reduces costs and operational expenditures while seamlessly scaling in lockstep with business growth.

Leveraging continued innovation of its hardware platform, combined with Isilon’s proven, fifth-generation OneFS™ operating system software, the new products drive increased performance for a full spectrum of file-based data applications and access patterns – from highest performance, I/O-intensive applications with 5400e storage, to primary and secondary storage with the 3600e, – all from a simple file system architecture.

Additional information about Isilon can be found at: www.isilon.com

NAB Booth SU2807

M9000N expands Miranda Master control offering and adds a complete range of routing switches starting from the ultra compact 16x16 all the way up to the Enterprise class 8000 series matrices which features industry leading signal integrity at up to 1080p, cross point redundancy and built in fiber in 1/2 sizes from 144x144 to 1152x1152. In the payload and graphics area Miranda will be launching the XVP-2091, a new low cost modular logo inserter and keyer capable of inserting up to 4 layers of internally generated or external graphics into SD, HD and 1080i/50p/60i programs. This is believed to be the first modular logo inserter capable of generating and inserting animated graphics into 1080p/60g signals. Also new in this area is a low cost compact control panel to control rich graphics on any of Miranda master control and graphics-insertion devices.

The interfacing group will be debuting the latest version of its popular and powerful RELINK™ interconnection platform (up/down/cross converter which provides two independent SD, HD, and 1080i/50p (3Gbps) inputs. The new versions support on board (not a separate card) advanced audio processing (including Dolby encode, decode and Linear/Arpianic Upmixing). The IOP now operates with 1080i60g signals and will be reviewed in 3D, stereomapping processing applications.

In the monitoring area Miranda will be launching the KaleidoX 3000, a new ultra compact, full-featured HD/SD HD/SD-SDI processor, capable of displaying up to 36 images into two high resolution displays. This processor is the most advanced of its kind with the high quality of the flagship KaleidoX series but in a stand-alone fully integrated DRU package.

Ikegami

NAB Booth C5108

Ikegami is a world-leading manufacturer of broadcast HD/SD cameras, tapeless camcorders, LCD monitors, and other advanced products delivering unsurpassed-HD image quality, revolutionary workflow advantages, and noteworthy innovations.

Ikegami’s NAB booth C5108 will feature its acclaimed line of studio, portable, and one-piece professional HD/SD cameras. Ikegami demonstrated the first topaz camcorder at NAB 1995. Now, at NAB 2009, Ikegami will display the newest, most advanced topaz camcorder and ENG camera.

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NAB Booth SL4508

Signiant

NAB Booth SL4508

Signiant’s software enables immediate cost savings and monetization of digital assets by managing, allocating, and assessing the movement of content over networks. With Signiant, users are able to streamline the workflow of their digital media files and ensure that the right content is in the right place at the right time. Signiant is headquartered in Burlington, MA with development facilities in our Mississauga office and offices in New York, Los Angeles, London, Munich, and Singapore.

Read the Signiant blog at: www.digitalmediagalaxy.com

NAB Booth SU9605

More information is available at: www.omnibus.tv

NAB Booth SU7912

Christie will be featuring its new products at NAB 2009:

The Christie Vista URS-1608, a universal routing switcher, accepts any source format, converts it, and sends it to any output display. It eliminates most of all your front- and back-end boxes, reducing your requirements to one piece of equipment and ultimately reduces set up times, resources and maintenance costs.

More information is available at: www.christiedigital.com

NAB Booth SL1047

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NAB Booth SL4508

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panel and user interface, high-quality T-bar and jog
K2 Dyno controller offers a highly intuitive control
control in sports and other live event telecasts. The
effective controller to address the need for replay
K2 Dyno Replay System
and other pieces of equipment
Introducing the Dionic HC cell pack, Anton/Bauer is able
the circular arcs illustrate 15-minute time intervals. By
segment numerical icon display indicates hours while
Its
capacity and a USB interface for instant access to file-
and GFPak removable Flash media with up to 64GB
GFSeries
newest, most advanced tapeless camcorder and ENG
iKegem
iKegem Booth C5108
iKegem is a world-leading manufacturer of broadcast HDV cameras, tapeless camcorders, LCD monitors, and other advanced products delivering unsurpassed HDV image quality, revolutionary workflow advantages, and unparalleled reliability.
iKegem's booth C5108 will feature its acclaimed line of devices, including the Pinnacle
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**John Leermakers**
Vice President of Finance

Paul Stotyn, President, is pleased to announce the promotion of John Leermakers to Vice President of Finance. John graduated with an Honours Business Administration degree from Wilfrid Laurier University and has 25 years of experience in the finance industry. He held the role of Controller at NSK Bearing and Controller at Computer Software before joining AEL in 1999 as Controller to oversee the finance department.

John will continue to manage the finance department as well as the ERP “SAP” system and corporate administration. John has reached his 10-year milestone with AEL on January 4, 2015.

John and wife of 16 years, Pam, have 3 children, Courtney (13), Kyle (11) and Cameron (9), and all enjoy camping, curling and other outdoor activities. In fact, John won the GTA Curling Championship in 2008.

**Congratulations, John!**

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**Michel Bedard**
13 Years with AEL

Michel joined AEL as a Sales Representative in 1995 and became Manager for Quebec and Eastern Canada in 1999. Michel has past broadcast experience with TQS Television.

Quatre Saisons as Maintenance Supervisor and Telev. Quebec (formerly Radio Quebec) as a Technical Instructor, Technical Producer and Maintenance Supervisor.

With a technical background from the Institute de Technologie de Montreal in Electronics and Audio Visual, Michel enjoys the challenges which are constantly presented with new technology in our industry. He is very good at explaining new technology to his clients and colleagues, and is highly regarded in the industry.

Michel and wife, Chantel, have 3 sons and in their spare time, they enjoy camping, cross country skiing and travelling.

Congratulations on this anniversary, Michel!

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**Dave McGinn**
7 Years with AEL

Dave joined AEL in 2003 as a Sales Consultant specializing in News products and then became a full time employee in 2004 as a Broadcast Sales Representative.

Dave’s professional background includes 24 years in television news, including 7 and 14-year stints at CICH Ottawa and 2 years at CHC’s Kingston. Dave was also Station Manager at APTN overseeing the build of their new Winnipeg Broadcast Centre in 2009.

Dave and wife, Jan, have two daughters and recently welcomed a granddaughter, making Dave a grandpa for the first time. Congratulations, Dave!

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**Nick Johnson**
A/V Installations Technician, Calgary

Nick studied Computer Hardware and Electronics at Lethbridge College in the UK, before graduating from Algonquin College in Canada with a Precision Electronic Assembly Certificate. With over 30 years of hands-on technical experience, Nick joined AEL’s Audio Visual Systems Division as an Installations Technician. With a wide range of installation, service and project coordination skills, he is welcomed addition to the Mississauga A/V Team.

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**Nick Erksen**
A/V Installations Technician, Calgary

Nick is originally from Strathmore, Alberta. Nick graduated from the Broadcast Technician program at Southern Alberta Institute of Technology and worked for the Calgary Stampede Grandstand Show and then in rentals & systems integration for Calgary Sports and Entertainment.

Nick joined AEL as an Audio Visual Technician, performing systems installations and occasionally attending to service calls. Nick takes pride in clean and professional installation work and is a great addition to the A/E family in Calgary.

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**Trevor Joice**
11 Years with AEL

Trevor’s career in broadcast began 40 years ago when he worked at a radio station in Cobourg after studying Electronics in college. For many years, he was the Director of Engineering at CHIN RADIO-TV and also worked at CJRT- Electronics in college. For many years, he was the Director of Engineering at CHIN RADIO-TV and also worked at CJRT-Electronics.

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Trevor is a beekeeper in his spare time, managing 6 hives with 100,000 bees that produce incredibly flourish honey.

Trevor and wife, Joan, have two sons, and are anxiously awaiting the birth of their first granddaughter in June. Congratulations, Trevor!

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**SMPE @ The Score**

The Society of Motion Picture & Television Engineers (SMPE) Toronto Chapter held their February meeting at The Score’s new state-of-the-art HD studio facility. The meeting commenced with presentations from Scott Smid, Director of Broadcast Operations, and his small group of attendees on the start of the new HD facility. Catered food was generously provided by Thomson Grass Valley. This meeting had the best attendance of all the SMPE events in the last 3 years and included members from all of the major networks and broadcasters in the Greater Toronto Area.

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**MARCH 2009**

**VOL. 15 • ISSUE 5**

**PRE-NAB ISSUE**

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**The Score: HD is a specialty sports channel that provides sports news, highlights, information and analysis programming along with live event sports coverage. Recently, The Score underwent a massive system upgrade to its facility in Toronto and Matthew Payne, Director of Broadcast Operations, contacted Applied Electronics to do a total refurbishment of their broadcast system to full HD, including its**

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**APPLIED ELECTRONICS LIMITED**

**Knowledge:**

**Knowledge Network**

Knowledge is British Columbia’s public Educational Media Service providing high quality, commercial-free documentaries and arts & culture programming. Knowledge contracted Applied Electronics to assist in the building of an end-to-end digital SD solution into their existing facility. Applied Electronics provided consultation, design and supply of the new tapeless digital system comprised of a monitor wall, master control, branding system, automation, and archive storage, which can all accommodate a future upgrade to HD.

The new master control system incorporates Miranda’s Viasat series modular products for signal processing and distribution, Kaleidescope X (7RU/4RU) fully expandable, multi-image display system with integral master control switch control and branding panel, Imagestore SD master control and brand processors, Vertigo X graphics manager, Xmedia Suite’s Xstudio template authoring system for creating and previewing television graphics, and iControl monitor and alarm. Also included is a Sundance Titan modular library system for archiving.

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**For more information, please contact Rosie Patey at Applied Electronics Limited.**

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**Applied Electronics Limited**

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**常州**
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**知识：**

知识是不列颠哥伦比亚省的公共教育媒体服务，提供高质量、无商业广告的纪录片和艺术文化节目。Knowledge与Applied Electronics合作完成了该系统从SD到HD的升级改造。Applied Electronics提供的咨询、设计和供货包括了新的无带化数字系统，涉及监控墙、主控系统、品牌系统、自动化和档案存储，这些都能够满足未来HD升级的需要。

新主控系统采用Miranda的Viasat系列模块化产品，用于信号处理和分发；Kaleidescope X（7RU/4RU）是一个可扩展性的多画面显示系统，集成了主控、品牌和分发控制； Imagistore SD主控系统和品牌处理器；Vertigo X图形管理器；Xmedia Suite的Xstudio模板生成系统用于创建和预览电视图形；iControl的监视器和报警系统；还包括一个Sundance Titan模块化存储系统用于归档。

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**For more information, please contact Rosie Patey at Applied Electronics Limited.**

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**Applied Electronics provided consultation, system design, supply, integration, and commissioning of the entire system. The new 5,000 sq ft HD studio, production control room, audio, and central equipment room (CER) are on the main floor while on the third floor are edit suites, the main CFR and master control. The main production and audio control room features a Studer Vista 5 digital audio mixer, 360 Systems DR600instant replay sound file player, Sharp LCD displays, an SSL control system with touch panel. The system also includes a Sundan...**

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**April 20-22, 2009 • 6:00 p.m. – 8:00 p.m.**

Refreshments, including beer, wine and soft drinks, will be served.

For more information, please contact Rosie Patey at Applied Electronics Limited. Phone: (905) 625-4321 ext. 2222 • Fax: (905) 625-4333 • Email: rpatey@appliedelectronics.com

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**The popular CANADIAN SUITE will be staged in the El Dorado Ballroom at the Flamingo Hotel.**

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**For more information, please contact Rosie Patey at Applied Electronics Limited.**

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5170B Timberlea Blvd.
Burnaby, BC V5A 4N5

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**Calgary**
620 84th Ave. S.W.
Calgary, AB T3H 1G7

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**The World's Largest Electronic Media Show**

**The popular CANADIAN SUITE will be staged in the El Dorado Ballroom at the Flamingo Hotel.**

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**For more information, please contact Rosie Patey at Applied Electronics Limited.**

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**Home page**

**Viewfinder**

Your Complete Technology Partner

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**For more information, please contact Rosie Patey at Applied Electronics Limited.**

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