



Matt Brittin: "We should play and partner together"

Google: not Daleks

Conference Analysis

By **Chris Forrester**

Matt Brittin, Google's president for Europe, delivered a fascinating Keynote to a packed Forum at IBC, and told delegates that he was no Dalek! (Dr Who is his favourite show). "Google is not some extra-terrestrial alien from another world," he said, arguing that the world – despite its 2.5 billion connected people – was barely at the dawn of the changes still to come.

Brittin spent much of his session stressing that Google

wanted to talk to the broadcast community, which he saw as potential colleagues and where Google-based technology was in place to aid the content community. "We want to help the large screen experience be as interactive and engaging as that on smaller, second screens."

He explained how products and services like Google Chromecast, the Android OS, and, of course, YouTube were in place to help consumers. "We should play and partner together," he suggested. "We don't know the future. But we can all see the trends. We can see what's likely to be coming.

"Android will help drive innovation. It brings with it all the apps developed for it. Manufacturers such as Sony and Phillips are working on new Android-ready displays.

"I'd like to work together with you. Not everything will turn out the way we expect. We are a set of platforms, and we can put your content in front of the right user at the right time. We think we can help you connect with audiences, and we can help the manufacturers and the pay TV players with their business models and help them to innovate faster."



Audio world launch: Lawo's mc36 all-in-one audio console has made its premiere at IBC2014, unveiled at a high-energy launch that included a live audio over IP mix of German rockers Rammstein.

"The mc36 is the first production console Lawo has ever built that is designed as an all-in-one concept," said Lawo's senior product manager for Audio Production, Christian Struck (pictured). "It needs no external racks, as surface, I/O and DSP are all built-in, which makes it very compact."

He added: "The newly designed DSP micro-core with internal 512x512 port audio matrix and inbuilt Ravenna/AES67 connections make this console a fully networkable desk, and 100% future proof."

The mc36 features onboard Loudness Metering and offers 21.5-inch full HD touchscreens with touch-sensitive colour-illuminated rotary encoders. "We expect it to be used for broadcast operations of course, but the portability also makes it suitable for rental applications and we see it going into theatres and houses of worship as well. We're looking into whole new groups of operators with this desk."

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FTA Grand Alliance: The UK's freesat, France's FRANSAT and Italy's TivùSat are coming together in an alliance designed to prepare for 'next-generation' developments, writes *Chris Forrester*. In the first collaboration of its kind, the FreeTV Alliance aims to promote the harmonisation of satellite TV services and technology across Europe. This will help drive the continuing rollout of compelling free-to-view satellite TV, benefitting viewers, manufacturers, broadcasters, retailers and service providers. The news emerged at an IBC press launch yesterday.

Alberto Siglermondi, CEO at TivùSat and the Alliance's first chairman, said: "We are hugely excited by the prospects. In putting together this Alliance we want to take the whole effort of free satellite TV to the next level. The TV manufacturers are already building in digital satellite TV tuners to their sets. In Germany, for example, almost every set has a double front end and can handle cable or satellite reception. In Italy, it isn't quite so many sets, but we are getting the message out."

Pictured (L/R): Jean-Luc Deroudilhe, directeur général FRANSAT, freesat managing director Emma Scott and TivùSat CEO Alberto Siglermondi.

Inside

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HALL 7
STAND D11

Shifting Gears: BBC Worldwide

CEO and director global Tim Davie discusses his vision for the future of the BBC's commercial arm

Page 10

Visions of future broadcasting

Professor David Crawford focuses on the IBC Future Zone and how exhibits make the cut

Page 14

An IBC world's first on the Big Screen

In a world's first, tonight's audience will see Ang Lee's *Life of Pi* with a clarity never before experienced

Page 18

Exhibitor list and floor plan

Plan your way around IBC2014 with the full exhibitor list and floor plans at your fingertips

Page 61

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news stories on
the move...



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Automatic for the audio people

Dan Dugan Sound Design

By **Michael Burns**

Newly integrated automatic microphone mixing technology is being shown for the first time in audio products from three major manufacturers at IBC.

A new implementation of Dugan processing has been added to the Yamaha's new CL Series consoles. These compact consoles support a wide range of applications and offer Dante networking for system expansion. Sixteen channels of Dugan Speech System automatic mixing will be incorporated as a standard in these products, allowing the user to quickly insert Dugan processing for automatically optimised microphone gain distribution. Along with automatically managing gain of live microphones, the system effectively reduces feedback, studio noise and comb filtering to allow operators to focus on overall system performance. Dugan integration was announced earlier this year in the company's QL Series mixers. The Dugan technology in the CL and QL Series consoles is built-in and does not require any external hardware.

A plug-in card, the Dugan-VN16, has been developed and released in partnership with Avid. This 16-channel automatic mixing controller plugs into a slot on selected Avid digital mixers and patches into the Avid's mic channel insert points. The VN16 uses the Dugan Speech System to detect which mics are being

used and makes fast, transparent crossfades. It can be configured with 16 automixing

channels or 8 automixing channels and 8 channels of ADAT I/O, and may be linked with up to seven other Dugans.

The Dugan Automixer plug-in from Waves Audio is a software

emulation of the Dugan Speech System for Waves MultiRack Native and MultiRack SoundGrid systems.

Like all Dugan automatic mixing controllers, this software

automatically manages the gains of multiple microphones in realtime to create fast, transparent cross-fades.

It dramatically reduces feedback, studio noise and comb filtering from adjacent mics without introducing sonic artefacts.

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Marshall supplies monitors

Marshall is supplying IBC with more than 20 monitors for use in various aspects of the show, via Shooting Partners, including: two of its 4K-compatible Quad HD-SDI to DVI multiviewers; six of the new V-MD 902 dual 9-inch LCD rack mount monitor with modular input and output; nine of its latest V-LCD17 HR 17-inch rack mount or desktop monitors with 3G-SDI or Dual HD-SDI; and two of its new V-LCD 71 MD 3G 7-inch 1920x1080 on-camera monitors with modular inputs and outputs.

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