



Enter the world of High Definition



bce 
broadcasting center europe

HD is getting everywhere in Europe



From Production to Reception, the whole value chain is getting to HD

- >> HD professional and consumer equipment is available.
- >> HD Production is expanding rapidly.
- >> HD Broadcast & Transmission means are in place.
- >> HD TV Programmes are on Air.



HD is increasing rapidly

- >> The reduction of prices for consumer equipment gave a big start for HD.
- >> 7.3 million European HDTV households by the end of 2008.
- >> Germany, the UK and France will lead the market, followed by Italy.
- >> The availability of HD content will consolidate HD growth.



HD impacts the global value-added chain

- >> Production and postproduction
- >> Films & archives processing
- >> TV Broadcast
- >> Signal processing & transmission



BCE recent productions in HD quality

- >> Live Earth.
- >> Return to Goree
- >> Football Ligue in Poland for TVN Poland.

Your partner for High Definition

BCE is your partner for High Definition services in Europe

We actively support HD expansion on the international level. BCE is member of the HDTV Forum initiated by SES Astra and participate to HD impact tests on production, playout and transmission.

BCE allows you to switch to HD at each step of the production and broadcast value chain.



Production & postproduction

- >> Production in HD: HD cameras Thomson LDK6000, 12-cam HD OB-Van.
- >> Digitization: Dataciné Spirit, DaVinci colour correction, HDCam or D5 digital masters.
- >> Post-Production: eQ for uncompressed editing, Special effects and titling on Flame.
- >> Mastering: color correction with Pogle MegaDEF
Film Restore with Pixi, Terranex convertor PAL/NTSC, transfer onto 35 mm.

Digital Broadcast for SD & HD Channels

- >> Material encoding: Mass Digitization units 60.000 hours of MPEG-2 files & 250.000 elements since 2001
- >> Content digital archiving: Near online archive Storagetek, Capacity 1.2 Terabytes
Equal 260.000 hours in SD or 80.000 hours in HD
- >> Server-based playout: New MXF Pinnacle servers Compliant HD MPEG-2
- >> Transcoding station: Low bitrate files such as MPEG-4

HD TV Transmission

- >> HD Signal: Tests with HD SDI decoder/encoder from Tandberg
Tests with Euro 1080 - now called HD1
- >> DVB-T transmission: Tests with M6 on DVB-T since 10/2004
- >> Broadband connections to European hubs: redundant link to SES-Astra,
broadband links to Belgium, France,
Netherlands, Germany,...



“7.3 million European households will be equipped with HDTV by the end of 2008.”

“BCE covers all HD services on the complete production and broadcast value chain.”

Production and postproduction department

Our highly experienced team has the skills to answer all your queries.

We offer services for your commercials, television programs and corporate videos thanks to our in-house production studio and audio studio.

Outside production is realised with our SD (6 cameras) and HD (12 cameras) vans completed by our two D-SNG vehicles equipped with on-board editing and satellite uplink transmission gear.

From editing suites to quality check, passing through 2D & 3D graphic edition, our expertise is the perfect partner for all the producers of TV spots, documentaries, fictions or trailers.

For TV broadcasters and content distributors, our laboratory covers all your mastering, duplication and transfer needs.



Located in Luxembourg, Broadcasting Center Europe is a major European player providing technical services in the fields of TV, Radio, Telecommunications and IT. BCE was founded in January 2000 as a result of the merge of different technical entities of RTL Group.

With a high qualified and motivated staff of 210 people, BCE serves about 400 clients in various sectors, such as TV channels, Radio stations, film distributors, producers, advertising companies, telecommunications operators and public services.

Global Digital Solutions for the Media World

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