New Streaming infrastructure

The new infrastructure for streaming at CERN IT-CIS (Collaborative and Information Services) is based on Wowza Media Servers and efficiently delivers streams to any device and any screen.

Using the above product, we built a new redundant infrastructure able to serve up to 6500 users connected simultaneously, both for live and on-demand videos. Based on this infrastructure the CERN Webcast Service opens CERN lectures, meetings and seminars to universities, schools and to the general public.

Both archived lectures and live webcasts are available not only on Desktops, but also on iOS and Android Devices.

New CERN webcast website

We redesigned the webcast web page to make it more attractive, easy to navigate and present all the upcoming and live events to CERN users and the general public. Some of the new features are:

- Multiple live webcasts at the same time
- Automatic device detection for streaming to desktops or iOS devices.
- Adaptive streaming – a new flash player will automatically detect users’ bandwidth and will choose the best stream for the end user.
- In production: June 2012 [http://webcast.cern.ch](http://webcast.cern.ch)