

Staying ahead of the Curve – the Fanshawe Experience



“How does a College stay ahead of the curve, anticipate technology changes and compression formats while teaching the latest in Broadcast Television operational techniques”

This was the question that Greg Latham Broadcast Television Professor at Fanshawe College in London Ontario Canada faced when they finally retired their PC based Server.. As they already had 8 Final Cut pro Edit Suites, a 100 iMacs and a substantial installed base of Mac Pro Tools in place, it was

evident that they had to look at a Mac coherent infrastructure to avoid the continuous format conversions that trademarked their existing workflow.

The Mac infrastructure had to be able to teach the concept of tapeless production within a Broadcast environment without the cost and complexity of proprietary systems and equally important being able to use off the shelf hardware as they had to maintain a QoS of virtually 100% during the school year.

This was the challenge and they reached out to BUG.tv to provide the solution with a SAN integrated Automated Playout, Production Server and Ingest Software.



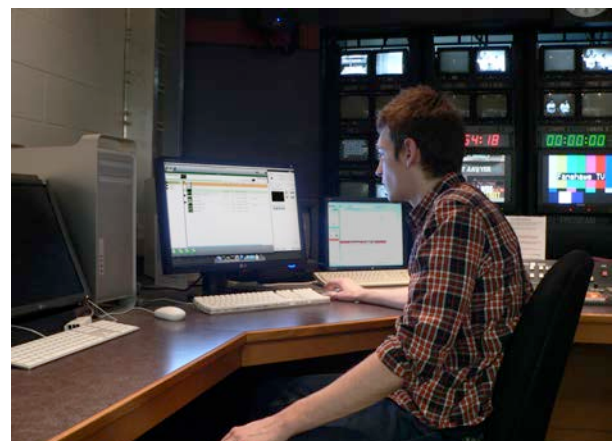
On average 250 Students sign on for this program over a 3 year period supported by one of the largest production complexes in south western Ontario.

A 40x60 Main Studio, 40x40 News Room Studio and a 20x 20 Interview Studio with Green Screen make up the physical production areas. Plus fully equipped Production and Master Control Rooms provide the students with real hands on production experience. For Field Production, Fanshawe equips the students with 30 HD Field Packages which they use to shoot and record content for the

Fanshawe Daily News Show broadcast throughout the Campus.

The first task was to install the BUG.tv Class-1 Automated Playout software so students could program and broadcast the results of their productions over the Campus Digital Signage Network.

As their mandate was to emulate a typical Broadcast workflow the Master Control was set up with another Class-1 so the student Master Control operator can run blocks of commercials on cue from the Director in the Production Control Room





News Production presents an extra challenge as students are expected to insert pre-edited clips and graphics into the news production video switcher while switching to and from the anchor desk. This is made more manageable by using the Class-BugMG Production Server to build show playlists and play the clips directly into the video switcher.

Finally for more traditional sources from video tape the Class-R is used to ingest tape content into the SAN for later editing

“Overall the students found the operational features of the BUG.tv products easy to understand and the software very intuitive” says Greg Latham

As Cam White Program Technologist says” BUG.tv is very responsive to requests for minor changes. Direct and remote support from Ordigraphe, the technical support partner of BUG.tv is excellent. Fanshawe values it’s partnership with BUG.tv as we feel that they really support the fundamental objective of the program to train people for a future in Broadcast television”

The final word can be left to Greg Latham who says “BUG.tv’s software is continuously evolving and we look forward to the next generation of product which we believe will integrate well with our Broadcast Television’s Program needs and future direction

About **Fanshawe College**

Fanshawe College offers a 2 year Broadcast Television program through the School of Contemporary Media with an optional 3rd year with a choice of Advanced Filmmaking, Television News and Visual Effects and Editing for Contemporary Media. For further information see <http://www.fanshawec.ca/EN/brt1/program/next.asp>

About **BUG.tv**

Established in 2003 by a small group of broadcast and IT engineers, BUG.tv’s vision from it’s inception until today was to provide operationally simple, innovative and inexpensive solutions for the broadcast environment. During this time BUG.tv provided Motion Graphic solutions for NBC’s Olympic venues in Turino, Beijing and for Vancouver 2010, plus NBC’s Superbowl commercial playout. Today, BUG.tv is focused on simplifying automation in all areas of ip/tv, including Live Events, News and Master control. BUG.tv’s solutions are currently reaching millions of viewers every day in Europe, South America, North America, Asia and the Middle-East

For more information on BUG.tv’s products contact sales@ordigraphe.com or call Canada 416 538 1775