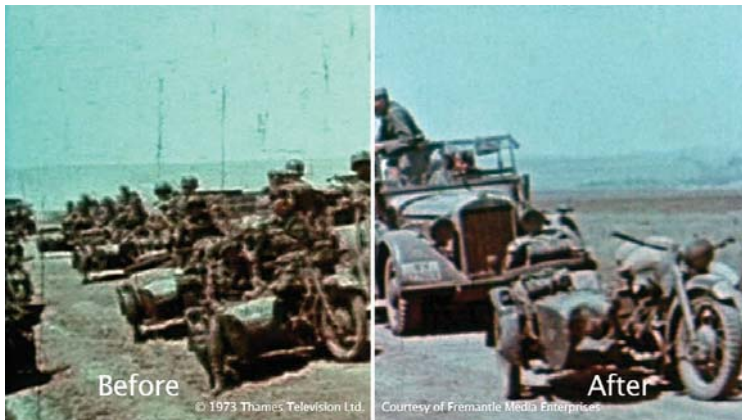


## Case Study

# Archangel™ Helps Eyeframe Bring The World at War Back to Life in High Definition and Blu-ray Disc



**U.K. Post Company Dubbs and Eyeframe Choose New Archangel Ph.C–HD for Exacting yet Highly Efficient Restoration of Material for Acclaimed World War II Documentary.**

### The Customer

With headquarters in London Dubbs and its restoration arm, Eyeframe, is a premier provider of specialized post-production, compression, and restoration services to the television and motion picture industries.

Eyeframe's restoration department has the equipment and expertise to restore and enhance any video material from black and white films and archive footage to the latest film and TV releases. Its specialized restoration equipment can be used to digitally re-master any video masters for broadcast or DVD production. Its restoration suite is capable of working in, and outputting to, high definition.

For more information, visit [www.eyeframe.co.uk](http://www.eyeframe.co.uk).

### The Challenge:

Dubbs and its restoration and digital media division, Eyeframe, were selected to provide sophisticated yet cost-effective and highly efficient film restoration for the 37-year-old series – The World at War: the end result is a stunning new Blu-ray edition of the acclaimed World War II documentary.

Originally broadcast in 1973 by ITV, "The World at War" is a 26-episode British television documentary series that covers World War II and the events immediately before and after. Eyeframe was contracted by FremantleMedia Enterprises to oversee the full restoration process for the series — including telecine, re-grading, and restoration — and to create a full set of HD broadcast masters, as well as a complete Blu-ray box set and DVD box set. In addition to the original 26 episodes, the Blu-ray edition includes a significant volume of extra material and "lost" footage that required extensive restoration.

“Since we were providing an expensive Blu-ray edition of a highly popular and well-known title, the quality of the restoration had to be top-notch. We needed to maintain the original production values whilst delivering new experiences to the viewer.” Simon Marbrook, head of restoration, Eyeframe



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### The Snell solution:

As a Snell beta partner for the Archangel Ph.C-HD real-time video restoration system, Eyeframe recognized that the system would meet FremantleMedia Enterprises' exacting requirements for the restoration.

"Archangel provided the perfect solution, with a complete set of tools for restoration tasks such as stabilization, de-flicker, and dust removal all in a single box. The system completed the restoration in just three to four times the program's total length, and it reduced the amount of frame-by-frame work by 60 to 70 percent. We are longtime users of Snell products, and Archangel definitely lives up to the Snell reputation for processing performance, image quality, and reliability. Plus, the level of support we received from Snell was amazing. Without Archangel, we possibly might not have met our deadlines for this project." Said Simon Marbrook, head of restoration, Eyeframe.

Archangel Ph.C-HD is an advanced SD and HD restoration system with real-time dirt, dust, grain, noise, scratch, instability and flicker removal. Archangel Ph.C-HD unlocks the value of existing assets, ensuring that SD and HD content can be distributed in superb quality. The restoration system also brings significant improvements to users' workflows

by maximizing the amount of restoration that can be completed in real time. Available at a price point considerably lower than frame-by-frame restoration, Archangel Ph.C-HD enables virtually any content to be cost-effectively treated.

"As a growing number of films, features, and drama series are being remastered for sale on DVD and Blu-ray, Archangel Ph.C-HD offers the comprehensive restoration necessary for these productions to meet the high quality expectations of consumers watching on large-screen HDTVs and displays," said Paola Hobson, product manager at Snell. "In their role as beta partners, Eyeframe and Dubbs gave us critical input into the development of this new product, and we are excited to see it being employed for a project as popular and recognizable as the new Blu-ray edition of 'The World at War.'"

Ideal for documentaries, historical series, natural history, travel, biography, music, and other genres that regularly incorporate archive footage, Archangel Ph.C-HD restoration eliminates any sudden drops in quality that could adversely affect the overall impact of the program.

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