



SKYREC FAMILY

SKYREC SOLUTION

Legal recording
Capture and Playback

Innovative solutions for Air Traffic Management & Control Rooms



A NEW GENERATION OF ATM CAPTURE AND REPLAY SOLUTIONS

ANSPs know the importance of a reliable and efficient Recording Solution. It is an essential and valuable tool for legal recording, post incident analysis, technical investigation and training. SkyRec is in the forefront of ATM data recording solutions and is supported by an impressive list of references for its implementation.



SKYREC BLACKBOX

A high performance hardware-based multimedia recording tool.



SKYREC SOFTWARE EDITION

Pure software lossless video, serial and audio recording.



SKYREC RADAR & DATA RECORDING

Through the wall Radar and other ATC Data capture for legal purposes.



SKYREC REPLAY

Synchronously replays all recorded data to perform analysis or training activities.

SKYREC BLACKBOX

Record & Replay multimedia information from the Controller Working Position (CWP). SkyRec BlackBox is a high-performance hardware-based multimedia recording tool. This non-intrusive solution can capture At The Glass (ATG) very high resolution screens (including 4K Ultra High Definition), as well as audio channels, mouse clicks and keyboard input.

With the embedded Optical Character Recognition search engine, you can retrieve immediately specific events (MTCD, STCA, etc.) or Call signs.

At The Glass (ATG) data captured from the CWP screen is essential to most ANSP's for Legal Recording, post event analysis, training purposes, or technical investigation.

SkyRec BlackBox also provides synchronized voice, mouse and keyboard data, serial lines recording. It reflects an exact picture of ATCO's environment at any point in time.

BENEFITS

- ✓ A complete ACC, APP, TWR recording solution
- ✓ Costs/ROI optimization
- ✓ Easy maintenance
- ✓ Total flexibility and perfect adaptability to evolving needs
- ✓ Customizable modular solution
- ✓ Product customization to local requirements
- ✓ Easy integration with customer environment
- ✓ Fast implementation
- ✓ 60'000 H MTBF
- ✓ Lossless At The Glass recording (Video)
- ✓ Compact solution
- ✓ Meets new mandatory requirement for ATC/ATM video recording



SKYREC SOFTWARE EDITION

Track all events on your Controllers' Work Position. Software video recording module to capture exactly what your ATCO sees on screen including mouse clicks and keyboard actions. SkyRec Video Software Edition provides you with 100% accurate information for legal recording, post-event analysis and simulation.

While recording, the SkyRec Software Edition has no impact on system performance which attests to its reliability and safety. The recording is totally transparent to the ATCO's as the main application's response time is unchanged. In addition, the excellent image quality of the replayed sequences provides a valuable basis for a detailed post-event analysis. The recorded files can also be converted into standard formats (AVI, MPEG, etc).

Furthermore, SkyRec Software Edition guarantees the storage and replay readability of the recorded data as a key safety factor.

SkyRec Software Edition offers a wide variety of applications for various uses such as post-event analysis (technical or legal purposes), training, all sorts of simulations, creation of training and/or presentation materials, ATCO examinations, remote maintenance and/or tech diagnosis, etc.

SKYREC SOFTWARE EDITION IS AVAILABLE FOR WINDOWS AND LINUX.

BENEFITS

- ✓ **Compatible replay with SkyRec Blackbox recorded data**
- ✓ **Low memory usage even during full capacity workload**
- ✓ **Limited and constant CPU workload**
- ✓ **Optimized recorded data file size**



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Certified ISO 9001-2015

SKYREC RADAR & DATA RECORDING

The ultimate Radar & Data Recording solution.

With our Radar & Data Recording solution, you'll benefit from synchronously "Through the Wall" Radar and other practical ATC Data recording. SkySoft's handy solution is designed to function on a permanent and continuous basis, 24 hours a day, 7 days a week. And if you have a legal recording requirement, radar recording can be coupled with a voice recording solution

BENEFITS

- ✓ COTS hardware
- ✓ Flexible architecture
- ✓ Large bandwidth capacity
- ✓ Low memory usage



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SKYREC REPLAY

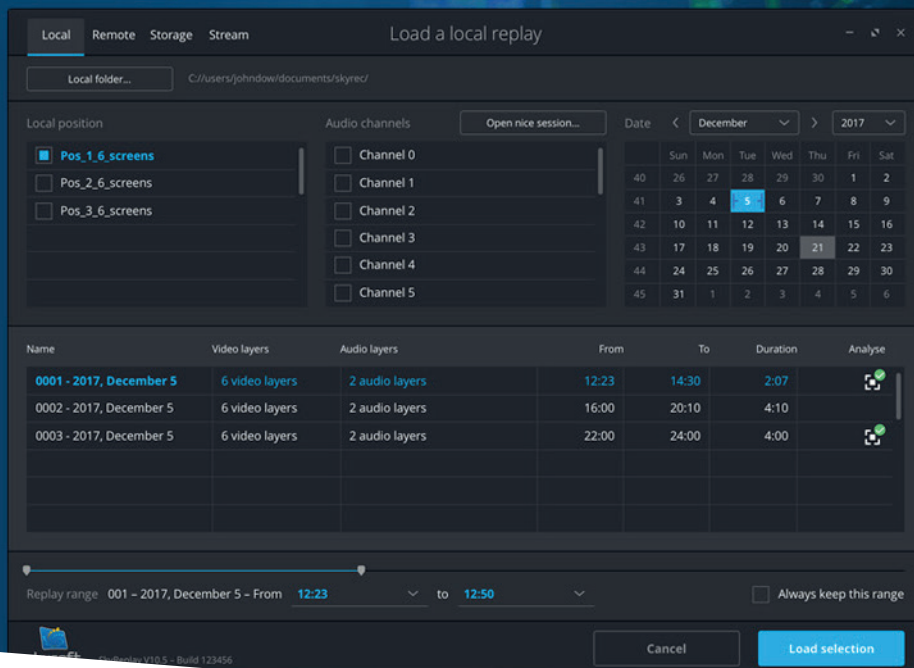
User friendly application to playback all recorded data synchronously. Multiple export features are offered for archiving and post processing on portable storage media. Embedded playback application in export file allow the immediate replay of encrypted data on any windows PC without software installation.

Select audio, video, Radar data to replay in just a few clicks and replay them synchronously. While playing back you can generate bookmarks, speed-up or slow down the replay. Then export synchronized data to any local or remote storage.

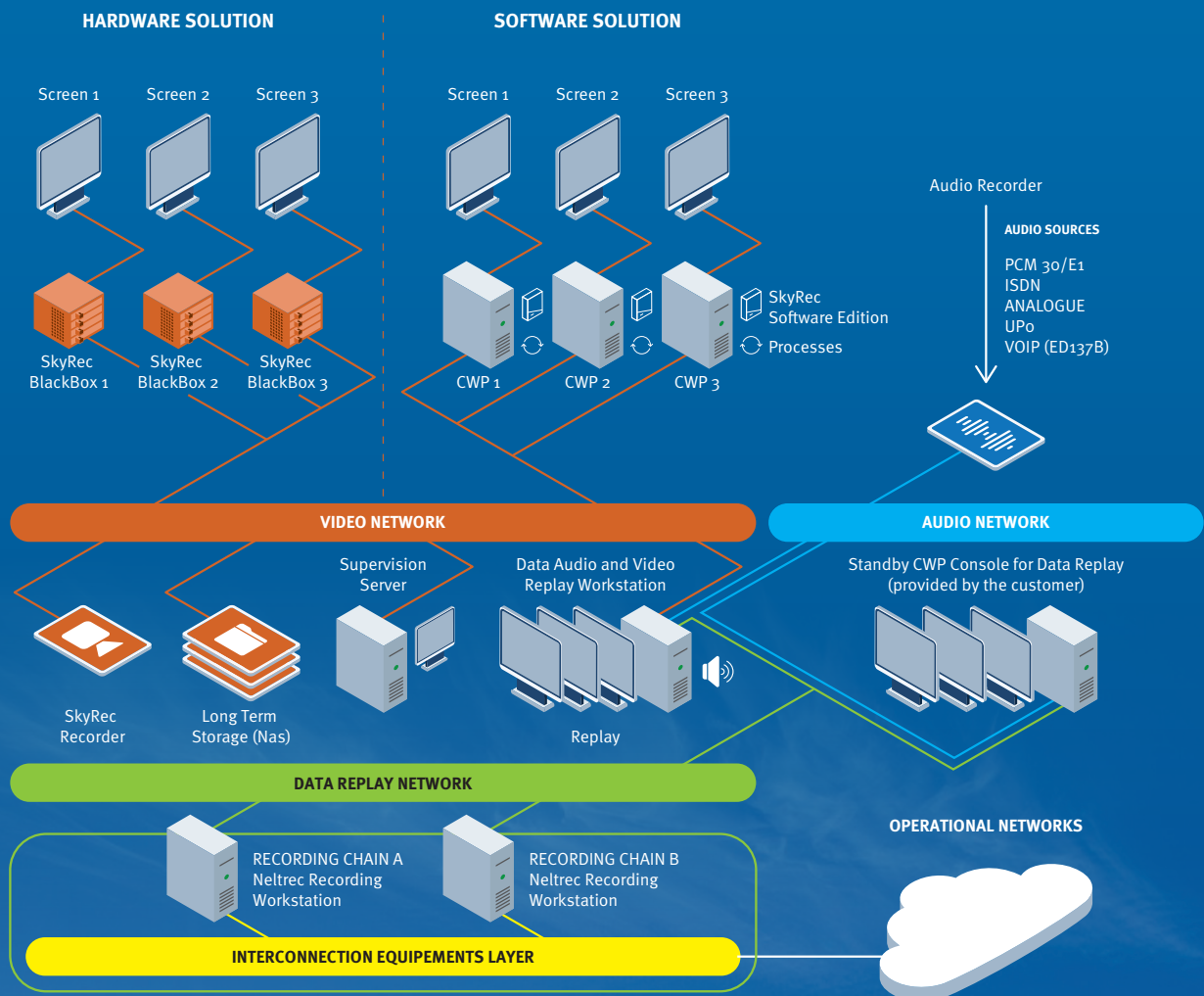
SkyRec Replay includes an OCR search engine to retrieve Call signs, STCA, MTCD or any specific event automatically and generates bookmarks for each occurrence to allow a quick access to video data of interest.

ADVANTAGES

- ✓ Synchronously records and replay radar, screens, voice, mouse, keyboard and serial lines
- ✓ Single playback interface for all SkyRec Products
- ✓ Instantaneous access to recorded data
- ✓ Legal recording, post event analysis, training, technical investigations
- ✓ OCR search engine
- ✓ Range and Bearing on video
- ✓ API with 3rd party Voice and Radar recording system



SKYREC SOLUTION ARCHITECTURE



COMPANY DESCRIPTION

SkySoft-ATM's corporate mission is to rethink the design and the implementation of ATM systems. The company brings innovative solutions to the many challenges of Air Traffic Control.

Our extensive range of ATM solutions are specifically designed to provide the highest quality systems to air traffic management. We are, for instance, one of the market leaders in recording solutions and we have successfully designed and deployed the largest screen recording projects. Our SkyRec technology is currently recording thousands of screens, keyboards and mice as well radar and voice channels around the globe