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The HardingFPA-X
Broadcast Flash and Pattern Analyser
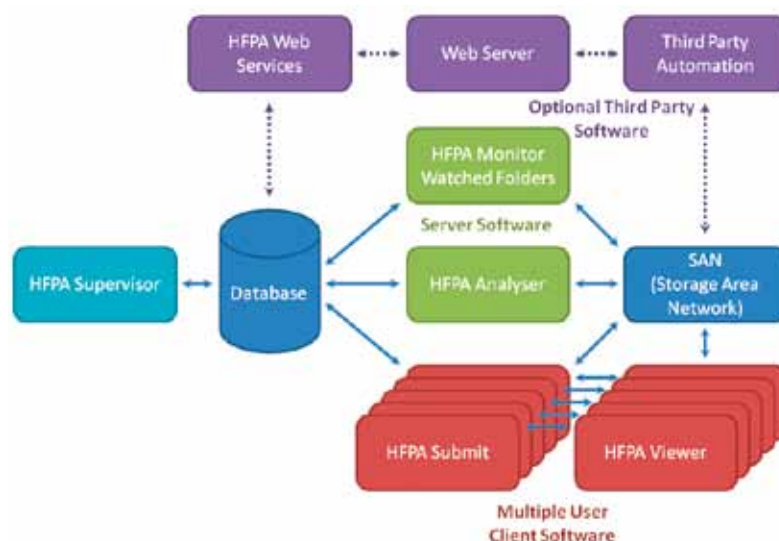
A Network-based Analyser for Multiple Users

The HardingFPA-X is a distributed, networked, analysis system for file-based workflows, consisting of a suite of application programs that are designed to integrate into an existing set of networked hardware. The HFPA-X is a cross platform product, which can operate in a mixed environment with the core analysis module residing on either a Mac or Windows PC on the network and other components in the system using Mac or Windows platforms as required in the workflow. The HFPA-X supports .MOV files, MXF files (OP1A and OPATOM), QuickTime and on Windows analyser platforms .AVI files.
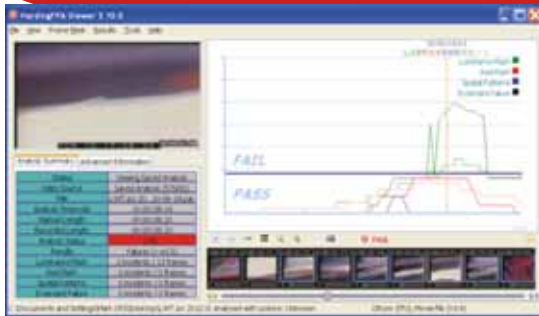
Features of the HardingFPA-X:

The HardingFPA-X is designed to support two types of workflow - an automated workflow (e.g. working with Final Cut Server, Avid Interplay, Ardome, watched folders, etc.) where completed programs can be compliance certified – and an interactive workflow that supports work-in-progress and repair analysis, working from the editor's desktop. Other ways for automating the submission of work for analysis include using web services, XML tokens and script.

The HFPA-X system is based on one (or more) dedicated analyser PCs providing a PSE analysis service and reporting with and on-screen displays to a number of less processor intensive 'Viewers' that are designed to reside on editor workstations and to access analysis results.

It is this duality between automated and interactive workflows that makes the HFPA-X a more powerful and useful tool.

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Hardware Requirements:

- HFPA-X software can run on any Intel processor based PC – remembering (especially for the analyser host PC) that a more powerful host will allow a higher analysis throughput.

- Cross platform support for both Mac (OS X 10.6+), Windows 7 and Windows Server 2008 or later versions.The HFPA-X is compatible in mixed environments with analysers and/or clients running under different operating systems or on different host PCs.

Test Certificate:

The HFPA-X can produce an internationally recognised certificate of compliance both as a printed form and as a PDF file for electronic transmission.

The HardingFPA PDF certificates are one of the report vehicles from this automated workflow. Other more detailed analysis outputs are used to support the editor Viewer giving the editor access to a local HFPA interface with all of its graphics and interactive tools. One of our driving forces for our new HFPA systems is to put better information on what has gone wrong in the hands of the editor who has to fix the problems.

For more information on Cambridge Research Systems Limited and its products:

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