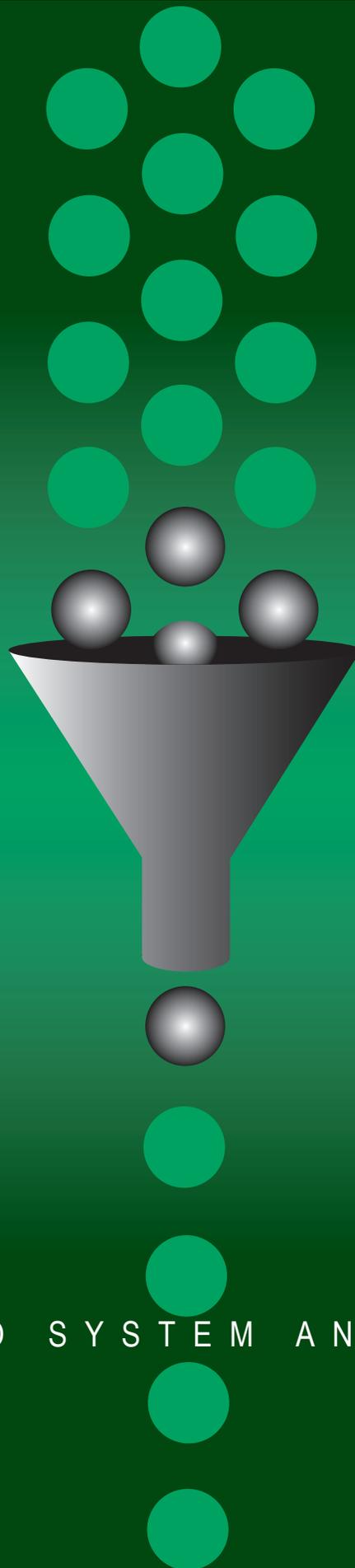


# DCA Class A Lab Verifiers



Tools for Blu-ray verification  
laboratories, compression/authoring,  
and replication facilities; featuring  
approved, reliable, proven, and easy  
to use Video & File System Verifiers.



FILE & VIDEO SYSTEM ANALYSIS

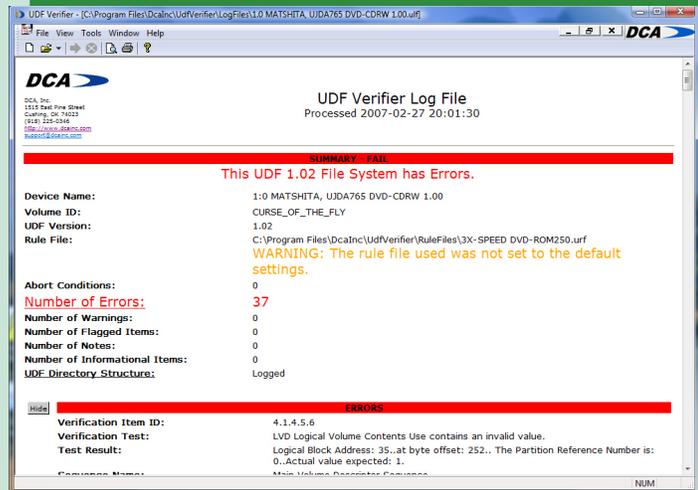
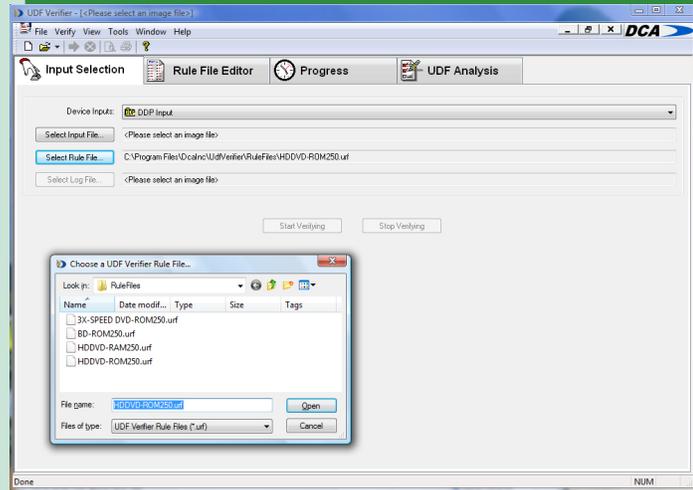
DCA's Class A Lab Tools & Verifiers are widely recognized as not only offering advanced analysis & verification to specifications, but also being easy-to-use & having simple-to-interpret results.

DCA's UDF and Video Verifier applications are simple, yet powerful analysis and validation tools for Blu-ray and DVD. The UDF Verifier is approved by the DVD Forum and the Video Verifier is proceeding for approval from the Blu-ray Disc Association (BDA).

The DCA UDF Verifier ensures that a Blu-ray ROM or DVD-ROM title complies with the Book 2 File System specified for these media types. Users may select input types including UDF Image, Optical Drive, or DDP/CMF/BDCMF.

UDF Analysis is helpful to pinpoint issues such as why specific files are not accessible during playback or AAC3 processing.

Analysis is very fast, completing tests for most titles in less than 2 minutes, since the application is designed to parse only the filesystem portion of the media and not worry about the other, non-relevant data.



The **DCA Video System Verifier** is available to validate Blu-ray video images (post-mux) against the Book 3 specifications (Version 2.x).

**Blu-ray** - Blu-ray video book version 2.x is supported, with ongoing updates for future releases provided with a support agreement. The current release supports HDMV content as well as BD-J verification. Bit-rate analysis, for compatibility with Annex J is also included.

Application Features:

\* **Fast Analysis** - The product is optimized to make a single pass through the video and perform verification in at least real-time speeds.\*

\* **Variety of Inputs** - The application supports raw files (BDMV folders), UDF images, BDCMF filesets, and replica discs (including AACS protected media) as source media.

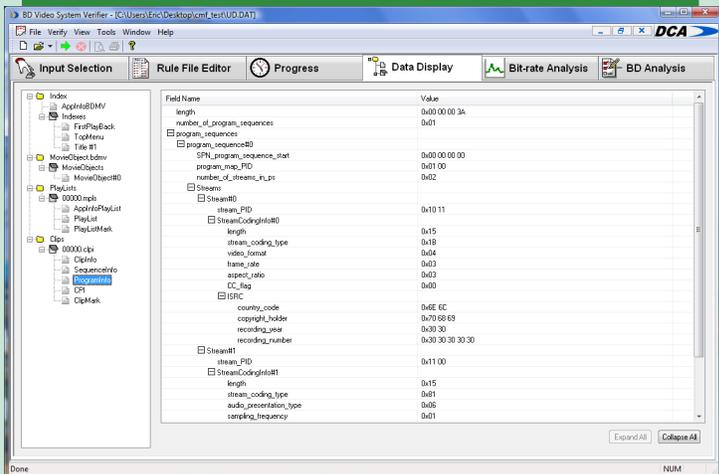
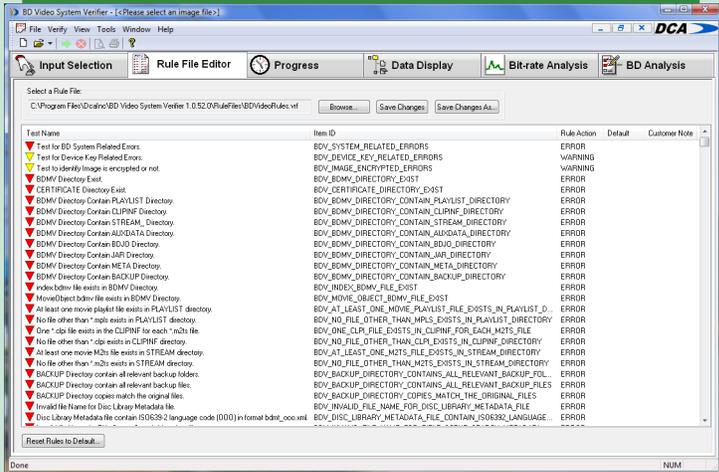
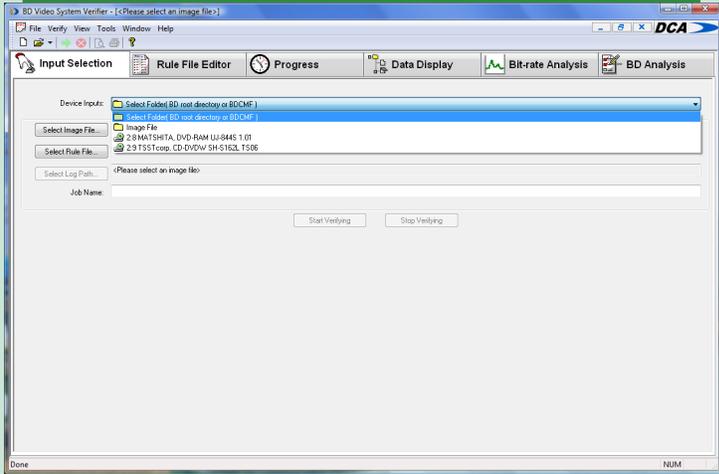
\* **Data Display** - a tree view of all video system files and parameters.

\* **Elementary Stream Restrictions** - Blu-ray places restrictions on the codecs used for Book 3 video, and DCA's verifier confirms that your image is in compliance.

\* **BD-J Verification** - Complete BD-J verification is included standard, including the syntax and runtime analysis.

\* **Easy to Read Reports** - Errors in Video Verifier are shown not only by the referenced specification violation, but also by specific file name, Play List, Clip List, M2TS/JAR/class/manifest file name & SCR time code, making it simple to locate and correct any deficiencies found.

\* **Realtime speed** achieved in a test environment with a local file on a Windows XP-based AMD or Intel dual-core system running at a minimum of 2.0GHz and at least 1GB of memory. Applications are compatible with Windows Vista, although not actively tested on that platform.



# DCA's Class A Lab Verifiers provide best-in-category analysis, speed, ease-of-use and reporting, enabling your facility to quickly and easily find, diagnose and fix issues in UDF filesystem (Book 2) or high definition video (Book 3) content .

## Configurations

UDF Verifier – Ability to verify Blu-ray (UDF 2.5) and DVD (UDF 1.02)..

Video Verifier – Blu-ray Book 3 Video includes HDMV verification and BD-J verification. AAC3 encrypted content may be verified. BD+ encrypted content cannot be verified.

All configurations include the ability to read from UDF images, DDP/CMF/BDCMF filesets or replicas.

## Common Features for Class A Verifiers:

Easy-to-Use Interface - Both applications have an easy to use, intuitive interface requiring minimal user training.

Rule-Based Analysis - The applications use rule file sets which allow users to configure which rules will be used for a particular test run and the error severity level, whether abort, error, warning, information, or flag.

User-Defined Error Reporting - Administrators can define specific language for any rule in the application, enabling better understanding of certain errors.

Quick-Reference Reports - Both applications display errors and location in the File or Video system, allowing the user to quickly locate and fix errors. Additionally, the exact rule definition from the specification is shown for verification.

XML-Based Reports - Since the reports are based upon standard XML, they provide a simple way to view complex information, and are easily transportable between locations. Reports may also be printed to PDF format for archiving.



## Contact Us

For more information on Class A Lab Verifiers, contact your DCA Account Manager

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