

# DataLifter.Net Bonus Tools

Support Tools for Forensic Computer Investigators and Security Specialists

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## Integrated Tools

- FastView
- Filter
- Parse
- GREP Strings
- MIME Recovery
- C-HASH
- Nprotect™ Viewer
- URL Recovery
- Text Search
- EXIF Image info
- FTK Imager 2.0 - unallocated disk space recovery tool/  
imaging tool

These ten tools were designed with the Computer Forensic Examiner in mind.

**DataLifter®.Net Bonus Tools** takes the power of **DataLifter v2.0** and gives you ten more computer forensic software tools to add to your collection. Tools designed with the Computer Forensic Investigator and Security Specialist in mind.

**FastView** - Is a tool that provides a quick method of looking at a file in low level format while in the Windows. Viewing can be either in 'Formatted' or 'Unformatted' mode. File size does not matter. **FastView** also provides the ability to select a series of HEX values and have them interpolated by a byte interpreter.

**Filter** - Is a procedure designed for situations where an examiner wants to view the contents of a file and see only the characters that are printable; those characters are commonly called the human-readable characters.

**Parse** - Is a tool that provides a means to parse a file for data that lies between a *beginning* and *ending bookend* or from the *beginning bookend* and a pre-determined number of bytes following the beginning bookend. A bookend is defined as one or more characters within the ASCII table. Parse can be

*A value added tool to the successful DataLifter v2.0 line of computer forensic support tools.*

*Reasonably priced.*



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useful for carving data files that follow a particular sequence of characters or data that lies between two different sequence of characters.

**GREP Strings** - The GREP String tool allows you to select one or more files and grab a desired amount of bytes, beginning with the first byte, and convert them to a GREP string. This GREP string can then be imported by other tools that search data for a desired GREP string

**MIME Recovery** - This tool will search uncompressed evidence files, including uncompressed unallocated space files, for recoverable Base 64 MIME encoded attachments. MIME Recovery recognizes the proprietary DBX email format.

**C-HASH** - This tool determines matching sectors from one or several target files by conducting a MD5 hash of each sector of the source file you provide. **C-HASH** then hashes each sector in the forensic image file looking for a match. **C-HASH** is very efficient at determining if and where source sectors are found. Even if a file is fragmented, the matching sector locations are reported.

**NProtect Viewer** - This tool provides a means to parse the information maintained in Symantec's® Norton's NProtect log file. The NProtect log file is a common component of the SystemWorks™ program. This log file contains valuable information much like the INFO/INFO2 file does from the Recycled folder.

**URL Recovery** - The URL recovery tool is specific for finding fragments of Microsoft Internet Explorer INDEX.DAT files while processing non-compressed forensic image files. The data that can be processed includes unallocated space contained within the forensic image files. URL Recovery also recovers lost Cookie and History records.

**Search** - This tool provides the ability to search a binary file for one or more keywords or character strings. Search also supports GREP syntax.

**EXIF Info** - Most current digital camera store images using EXIF compressed files. Cameras adhering to the EXIF standard record metadata (commonly referred to as Extended File Information) into the file header. This data includes camera make and model, date/time the photo was taken, the F Number, ISO speed rating, exposure time and more. This tool scans your source files and creates an organized spreadsheet like output for easy organization.

System Requirements: 2000/XP/Vista/Win7  
Hard drive space: 15 MB  
RAM: 64 MB recommended  
Microsoft® .Net Framework v1.1  
Video: Optimized for 800x600 and 1024x768.  
Internet Explorer 6.0 required. (Internet access is required to receive updates.)