Digital *i* Intelligence
mastering the science of digital forensics

Considerations When Purchasing

Computer Forensic Devices

A no-nonsense look at how Digital Intelligence rates on the four critical factors that influence your choice in a forensic computer manufacturer. As a result of highly focused **design**, exclusive forensic **features**, top **quality** components and unrivaled post-sales **support**, the FRED™ family of forensic computers by Digital Intelligence has become the undisputed industry standard.

FRED is *the original* forensic workstation designed from the ground up to meet the demands of computer forensic investigators and examiners. Our FRED family of forensic workstations consists of integrated forensic processing platforms capable of handling even the most challenging computer case. These professional forensic systems ship with the ability to duplicate evidence directly from IDE/SATA/SAS hard drives, USB and FireWire mass storage devices, SATA and PCIe based solid state drives, CDs, DVDs, and PC Card/SmartMedia/SD-MMC/Memory Stick/Compact Flash media in a forensically sound environment. Because our specialty is digital forensics, we engineer, design, test, build and support the best systems available.

Exclusive Forensic Features
All of the core components of a computer forensic solution from one source

Integrated Hard Drive Forensic Write Blocker (UltraBay 4d™)

All of our FRED systems come with a universal write protected imaging bay that supports write protected acquisition of IDE, SATA, and SAS hard drives, SATA and PCIe based solid state drives and USB and FireWire mass storage devices. All digital media can be accessed by the use of the front mounted UltraBay 4d™. The UltraBay 4d™ communicates with the FRED system via a USB 3 connection. The UltraBay 4d™ is the industry's first USB 3.0 integrated forensic bridge that includes a touch screen display and a graphical user interface (GUI) for acquisition process monitoring as well as switching between write protect modes. The UltraBay 4d™ also allows the simultaneous imaging of two connected devices. **This functionality is available exclusively from Digital Intelligence.**

Our systems include an integrated power switch to enable hot swap of IDE, SATA, SAS, USB, FireWire, or PCIe devices. You no longer need to power down your system when changing devices.

Not available from any other source or sold separately, the UltraBay 4d is available as an integrated component of a FRED system.

EXCLUSIVE FEATURE

Digital Intelligence offers the **ONLY** forensic workstation that includes the following **integrated write protected functionality**:

- **IDE Hardware Write Blocker**
- **SATA Hardware Write Blocker**
- **SAS Hardware Write Blocker**
- **USB Hardware Write Blocker**
- **FireWire Hardware Write Blocker**
- **PCIe Hardware Write Blocker**
- **LCD Touch Screen Display**
- **Front Panel Write Protect Lock/Unlock feature**
- **Simultaneous imaging of two connected devices**

Multimedia/Memory Card Write Blocker

All of our systems come complete with the UltraBlock Forensic Card Reader. This card reader provides full forensic write protection for the following multimedia and memory card formats:

Compact Flash Card (CFC)	MicroDrive (MD)	Memory Stick Card (MSC)
Memory Stick Pro (MS Pro)	Smart Media Card (SMC)	xD Card (xD)
Secure Digital Card (SDC)	MultiMedia Card (MMC)	

Proprietary Hard Drive Imaging Shelf

Anti-skid and ventilated shelf allows quick attachment and imaging of suspect drives and provides active cooling to protect suspect drives from overheating during forensic copying.

COMPLETE Forensic System Toolkit

The toolbox includes IDE, SATA, USB, FireWire, and PCIe adapters and cables, Security Tool Set, Digital Capture Camera, 2.5 inch, 1.8 inch, Micro SATA, SATA LIF, and ZIF Laptop Drive Adapters, as well as a SSD (blade style) adapter.

Unlike other systems that offer only a couple of removable hard drives bays FRED systems and designed from the ground up as a COMPLETE forensic acquisition and processing SYSTEM.

System Design *Feature rich design and implementation*

Designed by personnel with a lifetime dedication to the field of computer forensics

Our software and hardware has been specifically designed and implemented to meet forensic challenges by the experts on our staff. Our corporate resume includes decades of computer forensic processing experience in a Law Enforcement environment as well as Systems Software Development and Large-Scale Network Administration. Digital Intelligence is the ONLY forensic solutions provider that designs and builds both software AND hardware solutions using in-house expertise and actually uses their equipment in a fully functioning forensic lab.

Fully Pre-configured Operating System Environments

FRED systems come complete with single-step factory baseline installation CD's for Windows 10 Pro 64 Bit and SUSE Linux. All operating systems are completely pre-configured with all software, drivers, and utilities installed. Our systems can be completely restored to the factory baseline image in less than 10 minutes using a single bootable DVD.

Pre-Configured Images with Configuration Menu Options

FRED systems come pre-installed with a Windows 10 Pro 64 Bit. The option to utilize SUSE Linux is also available. Typically the user would utilize a second hard drive and the restore disk to make this operating system available.

Additional Utility Software

FRED systems come pre-installed with several software packages for the archiving and manipulation of image files including Symantec GHOST, and CD/DVD authoring software.

System Components *Quality components that we stand behind*

Highest Quality Individual Components

Every component in the FRED system comes from the most respected manufacturers in the industry, including Intel, Asus, Areca, Samsung, Western Digital, and Hitachi.

Hard Sided Travel Case (optional on some systems)

An Air-Tight, Water-Tight, High-Impact wheeled travel case is an option for our portable systems.

High Capacity LTO Ultrium 6 Tape Drive (optional)

As an option, FRED systems are available with an industrial rated LTO Ultrium 6 tape drive for storing images and system back ups to tape. This tape drive has a capacity of 2500 GB of uncompressed or 6250 GB compressed data per tape.

Blu-ray™ Combination Drive

All systems include a single device that is capable of reading/writing BD-R, BD-RE, BD-ROM, DVD±R DL, DVD±R, DVD±RW, and CD-R/CD-RW's. Unlike DVD-RAM drives, this single unit that will create industry standard DVD's (Recordable and/or Re-Writable) in addition to all the above capabilities. Blu-ray drive is optional with µFRED and FRED-L systems.

After-Sales Support   *Two words – Lifetime Support*

30 Day Money Back Guarantee

If you are not completely satisfied with any of the standard systems you may return them for a full refund within 30 days of receipt. Please see our Limited Warranty for complete details.

1 Year Parts and Labor Warranty

All of our systems come with a complete 1 Year Parts and Labor Warranty. We also fully support the original manufacturers warranties on the individual components if they exceed the comprehensive 1 Year System Coverage on the entire System. Please see our Limited Warranty for complete details.

Lifetime Tech Support

All systems come with full lifetime access to our unrivaled support center. Regardless of whether your unit is beyond its 1 Year warranty, we will work with you to address any hardware or software issues you may encounter. Our staff is not only well versed on the technology, but understands the unique way in which the technology is used in a forensic environment.

Support by Knowledgeable, Forensically Experienced Personnel

Our support staff includes individuals with extensive Law Enforcement/Laboratory Computer Forensic Experience who understand the specific concerns and requirements of the computer forensic community. Our background includes Computer Forensic Training, System Software Development, Legal and Network Administration experience. We have industry certified professionals including A+, EnCase Certified Examiner (ENCE), IACIS (CFCE), Microsoft Certified Systems Engineer (MCSE), Microsoft Certified Product Specialist (MCPS), Certified Novell Engineer (CNE) and Certified Novell Administrator (CNA). The support staff that stands behind each and every system is familiar with all aspects of computer forensic acquisition and processing.

The Bottom Line

Digital Intelligence is dedicated to providing the highest quality computer forensic products and services. We recognize the challenge that current and future technologies impose on law enforcement agencies, intelligence organizations, the legal community and corporate entities and strive to not only meet, but also anticipate, those needs. It is our goal to provide exceptional and innovative products and services to help simplify the challenges faced by forensic investigators and corporate security professionals. We not only stand behind our products and services, but have to set the standard by which all other solution providers are compared.

Digital Intelligence is the sole domestic source for the FRED family of forensic computers, the Digital Intelligence forensic suite of analysis software, and the UltraBlock brand hard drive write protection devices.

If you have any additional questions regarding our product line, or those exclusive features that make our systems unique, please do not hesitate to contact us.

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