



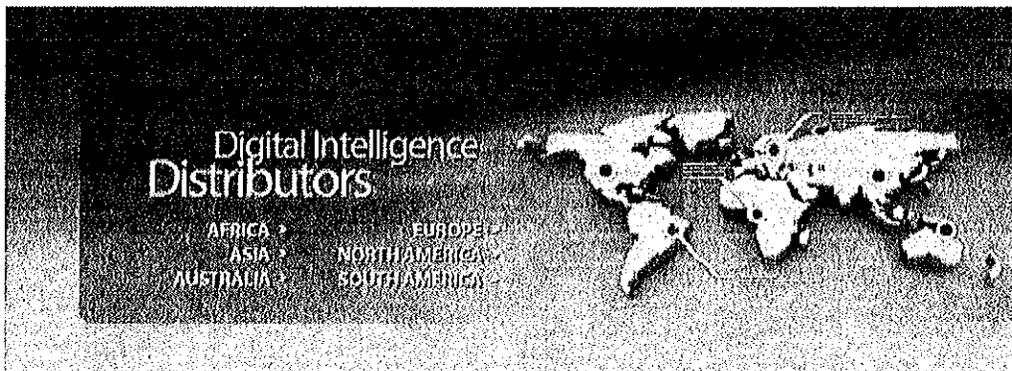
# Digital Intelligence

mastering the science of digital forensics

- HARDWARE
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- PURCHASE
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### DIGITAL INTELLIGENCE

17165 W. Glendale Drive  
 New Berlin, WI 53151  
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- ASIA
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- EUROPE
- NORTH AMERICA
- SOUTH AMERICA

## NORTH AMERICA



**H-11 Mexico City**  
 Mexico City, DF - Mexico  
 044-55-5104-7499  
 52-1-55-5104-7499

Sales: 044-55-5104-7499 (Inside MX)  
 Sales: 52-1-55-5104-7499 (Outside MX)  
 Email: [Guadalupe@H11DFS.com](mailto:Guadalupe@H11DFS.com)  
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## **FREQUENTLY ASKED QUESTIONS**

If you don't find your answer here, just [contact us](#) with your question!

### **How do I place an order with Digital Intelligence?**

One way is to order through our online store with a credit card, or if you want to use a purchase order you can reference the PO number on your online order. Be sure to send us a copy of your PO for our records. Purchase orders may be [emailed](#) or fax to 1-262-782-3331.

### **When will my order ship?**

Orders placed by **noon US Central time Monday – Friday** are processed the same day and, if the items you ordered are stock items, usually ship that same day. For rush orders, please contact one of our sales reps by calling 1-262-782-3332.

### **What are stock items?**

Most of our write blockers and accessories are stock items. Our FRED systems are built to order and usually ship in 5-15 business days. Some software items ship directly from the manufacturer (see note for international customers), some software is downloadable, others require shipping. See the software description for more information, or [contact us](#).

### **Do you accept credit cards?**

Digital Intelligence accepts Mastercard, Visa and American Express.

### **How do I use a Purchase Order?**

Government or law enforcement organizations do not need prior approval to submit a Purchase Order. We do require a copy of the PO (or other documentation) for our files. Other organizations will be approved on a case-by-case basis and can either [contact us](#) prior to submitting a purchase order or provide contact information with the PO.

### **Are other payment options available?**

We offer a wire transfer option for select customers, for orders over \$1000 US. For more information, please [contact us](#). If you want to pay by check or money order, we must receive your payment prior to shipment.

### **How soon will I get my order?**

Most products ship from our warehouse in Wisconsin. UPS Ground delivers to most locations in the US within 3-5 business days. Allow additional time for shipments to Hawaii, Alaska, US Territories, APO/FPO addresses and outside the US. Deliveries are generally not made on weekends or holidays, and extra time should be allowed during US holidays. International orders see below.

### **What if one of my items is out of stock?**

We will hold the order for all the items unless you tell us to ship partial. We will contact you and find out how you want to handle it. If an item is out of stock, it is usually available within a few days.

### **When will I get my software?**

Depends on the product – some are delivered electronically but some have a physical component that requires shipment. See the specific software description page or [contact us](#) for more information.

**Do you ship internationally?**

Digital Intelligence ships products all over the world. Some products may have shipping restrictions or license requirements for international shipping. If you are outside the US and want to order software products, please [contact us](#) for more information. International orders require payment in advance of shipping unless otherwise stated. See our [Company](#) page for information about international resellers or distributors. APO/FPO customers need to contact us for a quote. Your order will be shipped within 1 business day (subject to stock availability and credit card verification). International orders are shipped to arrive in Customs within 3 to 5 business days. Recipient is responsible for all applicable duties and taxes. No P.O. Boxes.

**What about customs duty or import fees?**

The recipient is responsible for paying any tax, customs duty or fee imposed as a result of the purchase. Digital Intelligence's shipping cost is for carriage only.

**Do you have resellers?**

We do not have authorized resellers or distributors in the US.

**Do you offer education discounts?**

There are a few, but generally our products are not eligible for education discounts.

**What is the return policy?**

If you change your mind, you can return an item within 30 days for refund of the purchase price. Some conditions apply and some products are subject to a 15% re-stocking fee. There is no refund for the shipping charge. [Contact us](#) for an RMA number if you want to make a return. An RMA number is required for any return.

**What if something is wrong with my order?**

Contact us right away, either by calling or sending email to [Support](#) and we'll get a resolution to your problem. Be sure to request an [RMA number](#) if you need to return an item.

**How do I get technical support?**

Either call us during our regular business hours or click on our [Support](#) page to send email.

**What if I don't know exactly which product is right for my needs?**

The best thing is to [contact us](#) directly, either by email or give us a call during our business hours. One of our technical sales representatives will help you determine what products best suit your requirements.

Digital Intelligence, Inc.  
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New Berlin, WI 53151

Voice: (262) 782-3332  
Fax: (262) 782-3331  
Email: sales@digitalintelligence.com

Date	Quote #
4/12/2010	20100412B

Fed Tax ID # 39-1957034

Customer
Matt Dobecka Collin Co. Purchasing Tel: 972-548-4103 Email: <a href="mailto:mdobecka@collincountytexas.gov">mdobecka@collincountytexas.gov</a>

Item	Description	Quantity	Unit Cost	Total
F1100	<p><b>Forensic Recovery of Evidence Device (FRED)</b></p> <p>Intel i7 920 CPU (Quad Processor), 2.66 Ghz, 8M Cache, 4.80 GT/s Intel® QPI [T1012]</p> <p>6 GB DDR3-1333 Triple Channel Memory [T2002]</p> <p>1 x 150 Gb 10,000 RPM 3.0 Gb/s SATA Hard Drive in Shock-Mounted tray - OS Drive [T3004]</p> <p>1 x 1.5 Tb 7200 RPM 3.0 Gb/s SATA Hard Drive - Data Drive [T3006]</p> <p>22" WideScreen LCD Monitor with Built-in Speakers [T6999]</p> <p><b>Windows 7 Ultimate (64 bit) with XP Mode [T0003]</b> Also includes: DOS (Win98 Standalone), SUSE Professional Linux (64 bit)</p> <p><b>Hardware Write Blocking:</b> Digital Intelligence UltraBay II Hardware Write-Blocker:</p> <ul style="list-style-type: none"> <li>• Integrated IDE Drive Write Blocker</li> <li>• Integrated SATA Drive Write Blocker</li> <li>• Integrated SCSI Drive Write Blocker</li> <li>• Integrated USB Write Blocker</li> <li>• Integrated FireWire IEEE 1394b Write Blocker</li> </ul> <p>Digital Intelligence Integrated Forensic Media Card Reader - Read-Only and Read/Write switchable USB 3½" Floppy Drive with Write Protect Switch</p> <p><b>Detailed System Specifications:</b> ATX Tower Case 12 x 5¼" 1100 Watt Modular power supply i7 Motherboard with Intel X58 / ICH10R Chipset 3xPCI-Express(x16), 1xPCI-Express(x1), 2xPCI Slots Nvidia GT 240 1GB GDDR3 PCI-Express Video Card with 1 HDMI, 1 DVI, and 1 VGA (D SUB)port Dual 10/100/1000 Mbs GbE Network Adapters 8-Channel High Definition Audio Controller 6 ports (6 Drives) Primary 3.0 Gb/s Serial ATA (SATA) Controller - 1 Back Mounted 2 ports (2 Drives) Marvell PCIe SATA 6.0 Gb/s Controller 2 PS/2 Ports (Keyboard &amp; Mouse) 2 USB 3.0/2.0 ports - 2 Back Mounted 9 USB 2.0/1.x ports - 6 Back Mounted, 3 Front Mounted(1 Write Blocked) 1 FireWire IEEE 1394a (400 MB/s) ports - 1 Back Mounted</p>	1	5,999.00	5,999.00

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## Request for Quote

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4/12/2010	20100412B

Fed Tax ID # 39-1957034

Customer
Matt Dobecka Collin Co. Purchasing Tel: 972-548-4103 Email: <a href="mailto:mdobecka@collincountytexas.gov">mdobecka@collincountytexas.gov</a>

	3 FireWire IEEE 1394b (800 MB/s) ports - 1 Back Mounted, 2 Front Mounted(1 Write Blocked)  2 x Shock Mounted SATA Removable Hard Drive Bays (IDE Capable) 4 x HotSwap Shock Mounted Universal (IDE/SATA compatible) Removable Hard Drive Bays BD-R/BD-RE/DVD±RW/CD±RW Blu-ray Burner Dual-Layer Combo Drive Extendable/Retractable Imaging Workshelf with integrated ventilation  104 key Microsoft Keyboard-Wireless Microsoft Intellimouse-Wireless  Toolbox containing: Adapters, Terminators, Cables, Digital Camera, and Security Screwdriver Set  Other Software included: Norton Ghost, CD Authoring Software, DRIVESPY, IMAGE, PDWIPE, PART, and PDBLOCK  Warranty 1 year parts and labor			
<b>B1000</b>	<b>Free Training (Limited Time Offer):</b> One Seat per System in the FRED orientation and training course "Computer Forensics with FRED" (2 Days) Please note: Seating is limited and registration is required	1	0.00	0.00
	Shipping - approximately 21 days A.R.O.	1	150.00	150.00
All prices are in U.S. Dollars		<b>Subtotal</b>		<b>\$ 6,149.00</b>
This quote is valid for 30 days from date of issue. To order please FAX P.O. to (262) 782-3331 or email to <a href="mailto:sales@digitalintelligence.com">sales@digitalintelligence.com</a>		<b>Tax</b>		<b>0.00</b>
Thank you for your interest		<b>Total</b>		<b>\$ 6,149.00</b>

Prepared by: Jane Stone 226E  
Rev. 031110

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 Email: sales@digitalintelligence.com

## Request for Quote

Date	Quote #
4/9/2010	20100409C

Fed Tax ID # 39-1957034

Customer
Chris Meehan Collin Co. Sheriff's Office Tel: 972-633-6753 Email: cmeehan@collincountytx.gov

Item	Description	Quantity	Unit Cost	Total
F6200	<b>Forensic Recovery of Evidence Data Center (FREDC) consisting of:</b>  <b>Forensic File Server (4U)</b> 4U Rackmount Enclosure (10 Bays, 500W P/S) Motherboard: Dual Intel Xeon Processors (2xLGA771 sockets supporting dual 45nm Intel Xeon® 5400/5300/5200/5100 Dual/Quad Core CPU's). Intel 5400/6321ESB chipset. 667/1066/1333/1600MHz Front Side Bus. 2xPCI-Ex16 (Gen2), 1xPCI-Ex8, 2xPCI-X (100/133 MHz), 1xPCI (32bit/33 MHz) Expansion Slots. 8 Fully-Buffered DIMM DDR2 533/667/800 Reg. ECC, Maximum up to 64 GB. Two Intel Xeon 5420 (2.5 Ghz) Quad-Core CPU's (8 Processors Total) 8.0 GB Dual-Channel 128 Bit DDR2-667 Registered ECC memory 6 primary Serial ATA (SATA) 3.0 Gb/s ports onboard (Intel/RAID Capable) 8 secondary Serial ATA (SATA) 3.0 GB/s ports onboard (Marvell/RAID Capable) 1 Parallel ATA (IDE) port (2 Devices) Four 10/100/1000 MB/s Gigabit Ethernet Network Adapters (Intel) 2 USB 2.0 Ports XGI Z9s Graphics Controller Dual Channel Fiber Channel Controller Dual Channel Ultra 320 SCSI Controller (Narrow, wide, ultra, ultra160, ultra320) 3½" Diskette Drive DVD±RW/CD±RW Dual-Layer Combo Drive 1.6TB Internal RAID-5 Array (With Hot Spare) 7 x Shock Mounted Serial ATA (SATA) Removable Hard Drive Bays Yosemite Backup Software Novell Open Enterprise Server (5 User)	1	52,087.00	52,087.00
		1		

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Fed Tax ID # 39-1957034

Customer
Chris Meehan Collin Co. Sheriff's Office Tel: 972-633-6753 Email: cmeehan@collincountytx.gov

<p><b>16.0 Terabyte RAID Array Module (14 Terabyte RAID-5 w/HotSpare) (3U)</b>                      16-Bay, 3U Rackmount RAID Enclosure (Fiber Channel Attached / Multilane SAS Cascaded)                      Sixteen 1000 Gb, 7200 RPM Hard Drives in Hotswap removable drive trays</p>	1
<p><b>LTO-4 Ultrium Robotic Tape Library (2U)</b>                      LTO-4 Ultrium Drive, 16 Slot Library, 800 GB (Uncompressed)/ 1600 GB (Compressed) per tape, Up to 25.6 TB Total Online Backup Capacity, LVD SCSI Interface</p>	1
<p><b>48 Port Gigabit Ethernet (10/100/1000 MB/S) Rackmount Network Switch (1U)</b></p>	1
<p><b>24 Port Rackmount Network Patch Panel (2U)</b></p>	2
<p><b>3000 VA Rackmount Uninterruptable Power Supply (UPS) (2U)</b></p>	1
<p><b>Forensic Recovery of Evidence Device - RackMount (FRED-RM) (4U)</b></p>	1
<p>Intel i7 920 CPU (Quad Processor), 2.66 Ghz, 8M Cache, 4.80 GT/s Intel® QPI [T1012]</p>	
<p>6 GB DDR3-1333 Triple Channel Memory [T2002]</p>	
<p>1 x 150 Gb 10,000 RPM 3.0 Gb/s SATA Hard Drive in Shock-Mounted tray - OS Drive [T3004]</p>	
<p>1 x 1.5 Tb 7200 RPM 3.0 Gb/s SATA Hard Drive - Data Drive [T3006]</p>	
<p>Windows 7 Ultimate (64 bit) with XP Mode [T0003]                      Also includes: DOS (Win98 Standalone), SUSE Professional Linux (64 bit)</p>	
<p><b>Hardware Write Blocking:</b>                      Digital Intelligence UltraBay II Hardware Write-Blocker:</p> <ul style="list-style-type: none"> <li>• Integrated IDE Drive Write Blocker</li> <li>• Integrated SATA Drive Write Blocker</li> <li>• Integrated SCSI Drive Write Blocker</li> <li>• Integrated USB Write Blocker</li> <li>• Integrated FireWire IEEE 1394b Write Blocker</li> </ul>	

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Fed Tax ID # 39-1957034

### Customer

Chris Meehan  
 Collin Co. Sheriff's Office  
 Tel: 972-633-6753  
 Email: cmeehan@collincountytx.gov

Digital Intelligence Integrated Forensic Media Card  
 Reader - Read-Only and Read/Write switchable  
 USB 3 1/2" Floppy Drive with Write Protect Switch

#### Detailed System Specifications:

4U Rackmount Enclosure (10 Bays)  
 1100 Watt Modular power supply  
 i7 Motherboard with Intel X58 / ICH10R Chipset  
 3xPCI-Express(x16), 1xPCI-Express(x1), 2xPCI Slots  
 Nvidia GT 240 1GB GDDR3 PCI-Express Video Card with  
 1 HDMI, 1 DVI, and 1 VGA (D SUB) port  
 Dual 10/100/1000 Mbs GbE Network Adapters  
 8-Channel High Definition Audio Controller  
 6 ports (6 Drives) Primary 3.0 Gb/s Serial ATA  
 (SATA) Controller - 1 Back Mounted  
 2 ports (2 Drives) Marvell PCIe SATA 6.0 Gb/s  
 Controller  
 2 PS/2 Ports (Keyboard & Mouse)  
 2 USB 3.0/2.0 ports - 2 Back Mounted  
 9 USB 2.0/1.x ports - 6 Back Mounted, 3 Front  
 Mounted(1 Write Blocked)  
 1 FireWire IEEE 1394a (400 MB/s) ports - 1 Back  
 Mounted  
 3 FireWire IEEE 1394b (800 MB/s) ports - 1 Back  
 Mounted, 2 Front Mounted(1 Write Blocked)  
 2 x Shock Mounted SATA Removable Hard Drive Bays  
 (IDE Capable)  
 1 x HotSwap Shock Mounted Universal (IDE/SATA  
 compatible) Removable Hard Drive Bays  
 BD-R/BD-RE/DVD±RW/CD±RW Blu-ray Burner Dual-Layer  
 Combo Drive  
 Extendable/Retractable Imaging Workshelf with  
 integrated ventilation

Other Software included: Norton Ghost, CD Authoring  
 Software, DRIVESPY, IMAGE, PDWIPE, PART, and  
 PDBLOCK

Warranty 1 year parts and labor

42U Rackmount Enclosure w/doors and Ventilation Fans - 23.5" (w) x 36" (d) x 84" (h)	1
Integrated Rackmount Keyboard/17 inch LCD Display Panel (1U) and 8 port KVM Switch	1
KVM over IP Remote Access Module	1

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	<b>Rackmount Rail Kits</b>	4		
	<b>Toolbox containing:</b> Toolbox containing: Adapters, Terminators, Cables, Digital Camera, and Security Screwdriver Set	1		
<b>B1000</b>	<b>Free Training (Limited Time Offer):</b> One Seat per System in the FRED orientation and training course "Computer Forensics with FRED" (2 Days) Please note: Seating is limited and registration is required	1	0.00	0.00
	<b>Onsite Installation, Configuration, and Equipment Orientation</b>	1	INC	INC
	<b>Freight and Delivery charges</b>	1	500.00	500.00
	<del>(OPTIONAL) Follow-Up Support Visit: 1 Day on-site support visit providing additional procedural review, training, and general assistance as requested by customer. Customer to schedule within 6 months of installation and to take place within 1 year of installation.</del>	<del>1</del>	<del>3,000.00</del>	<del>3,000.00</del>
All prices are in U.S. Dollars		<b>Subtotal</b>	<del>\$55,587.00</del>	
This quote is valid for 30 days from date of issue. To order please FAX P.O. to (262) 782-3331 or email to <a href="mailto:sales@digitalintelligence.com">sales@digitalintelligence.com</a>		<b>Tax</b>	0.00	
Thank you for your interest		<b>Total</b>	<del>\$55,587.00</del>	

Prepared by: Jane Stone 226D  
 Rev. 031110

52,587.00

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8 FORENSIC SPECIALISTS ONLINE

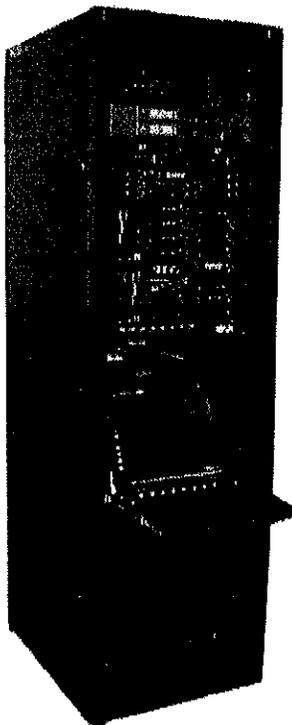
**Why FREDC?****Faster Than a Local Hard Drive**

Image a hard drive directly to a Forensic File Server 25% faster than you can image to a local hard drive... DIRECTLY to the server over standard Copper Gigabit Ethernet. There's no need to image to your workstation and then copy it up to a slow server.

**Significantly Faster Than a Windows Server**

A Forensically Optimized Network Operating System 300% faster than Windows Server running on the same hardware! **Here's the Proof** (These EnCase imaging benchmarks were from May 2006 - our current hardware performance is even better.)

**2.5 to 3 GB/Minute**

Image a 30 GB drive in less than 12 minutes, an 80 GB drive in just over 30 minutes... DIRECTLY to the server.

**Keep Your Existing Clients**

Use the same Operating Systems on your desktop as always (i.e. Windows XP). Our Forensic Network Operating System integrates seamlessly with your existing clients.

**Centralized File Storage**

Consolidate your storage investment. No need to buy lots of standalone hard drives to pass around your lab. No wondering where that case data is. Stop wasting money on individual hard drives or portable RAID arrays.

**Centralized Access Control/Security**

Decide who has access to what evidence from a single vantage point. Determine which investigators have access to which cases and optionally log all access to your evidence.

**Centralized File Sharing**

Allow multiple investigators to work on a single case using a single set of Data Files.

**Centralized Data Backup**

Backup and Restore data from a single vantage point into a single offline repository using a 16 tape LTO-4 Ultrium robotic tape library. Maintain your data in two separate locations at all times (online and offline).

**0 to 60 in Two Days**

FREDC equipment is typically installed in 2 days. Equipment assembly and configuration on Day 1, and your orientation/training on Day 2. Take your lab from an outdated workstation centric environment to a fully optimized forensic network in 2 days. (Your MIS / IT guys have been relying on networks since the late 80's - now it's your turn to blow them away.)

**Completely Configured**

It's a complete network in a rack including all TCP/IP services (DNS / DHCP). Just connect your workstations with Cat 5e or Cat6 Gigabit Ethernet, load the network client, and you're ready to go! We establish a proven storage architecture that makes your access control simple and your backup activities manageable. We even

set up your backup jobs and establish your automatic drive mappings for you. Instead of imaging to a local hard drive (i.e. "D:") you simply use your network drive letters instead (i.e. "R:").

### **Easy to Maintain**

We provide approximately a full day of orientation/training for the person(s) who will be managing the server. Since our server runs like an appliance (no blue screens, no daily patches), the routine tasks are minimal. Adding/Removing Investigator accounts, performing Backups, and modifying access control (if required) are essentially all that needs to be done.

### **Easy to Use**

The only thing your investigators (users) will notice is a different login screen on their workstations and a bunch of new (network) drive letters. Everything else stays the same!

**It's that Simple! It's that Fast! Nothing else even comes close!**

**FREDC Configuration Must Be Quoted**

**PLEASE CALL**

**866-344-4683 or 262-782-3332**

## **About FREDC**

FREDC is our Forensic Recovery of Evidence Data Center. FREDC provides fully integrated processing power and flexibility far beyond any forensic solution available. The highly customizable modular solution is capable of housing up to 8 completely independent forensic processing systems. Optional online storage of 256 terabytes (256,000 GB), and beyond, in high speed RAID-5 arrays is available in a single rack. The system houses a completely integrated Gigabit Ethernet Forensic Network in less than a 2 by 3 foot footprint. It is fully extensible to provide forensic network services and storage to pre-existing forensic workstations in your network. An integrated, retractable, 17 inch LCD/Keyboard module. Custom systems include a selection of the following: 16.0 terabyte RAID-5 Array w/Hotspare, Forensic Recovery of Evidence Device - Rackmount Module (FREDRM) and number of users for your network.

The design of FREDC allows for customization to meet almost any forensic requirement. In a simple implementation, FREDC includes a single Forensic File Server with a high capacity RAID array to act as centralized storage for forensic images. A FRED Rackmount Module (FREDRM) functions as a forensic processing workstation. A typical FREDC configuration might employ a single FREDRM combination to serve as a centralized point of image acquisition for the entire FREDC system. One or more additional FRED Rackmount Modules (FREDRM) can then be included to support the processing of multiple forensic images (or a single image with multiple examination processes being performed at the same time!). If all this FREDRM stuff sounds confusing, give us a call and we'll help design a configuration that meets your requirements.

Since all of our FRED systems use the exact same motherboard and system devices, Operating Systems (ours or yours) are completely interchangeable between the platforms (FREDRM, FRED, FREDDIE, FRED Sr, or FREDM). Whether you modify our pre-installed operating systems, or install your own, the same resulting O/S images can be installed on any of your FRED systems!

All of the processing modules and File Server in the FREDC system are connected via a high speed Gigabit Ethernet backbone. This Gigabit Ethernet backbone is capable of throughput 10 times faster than standard 10/100 Ethernet connections. Whether you are moving forensic images to or from the file server, or processing image files already stored on the server, this state-of-the-art transport mechanism will get the job done in record time!

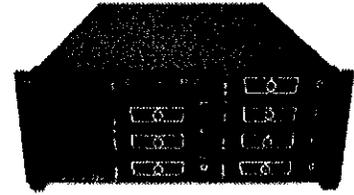
The Keyboard/Display/KVM module acts as a single point of access and control for the whole system. Selectively monitor your File Server, check on your imaging job, or examine your processing jobs at the touch of a button. Why purchase multiple keyboards and monitors when a single KVM enabled device will allow you to switch between processes as needed.

Connectivity to the FREDC system is not limited to processors within the cabinet. Ethernet switches and patch panels allow convenient integration of existing network enabled forensic workstations and equipment. The high speed, high capacity of the FREDC RAID array(s) can be shared among all the workstations on your FREDC forensic network.

## FREDC Module Specifications and Options

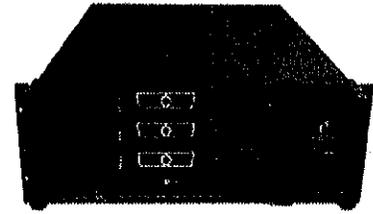
### FREDC Forensic File Server Module

The File Server operates as the core of the integrated Forensic Network and can be used as a central storage facility for Forensic Images as well as applications software for use by the FRED Rackmount Modules (FREDRM). The FRED modules in the FREDC cabinet perform the actual imaging and processing tasks, while the Forensic File server stores the images and case work. Multiple forensic clients, internal or external, can access case and image files simultaneously without duplicating information on several workstations. File and image storage space is centralized by the file server reducing the need for large storage requirements at the forensic workstations. The Forensic File Server Module is typically supplied with an internal 1.6 TB RAID-5 array for Operating System storage. One or more standalone RAID Array Modules are also provided for 256 terabytes, or more, of high speed online storage for your case files.

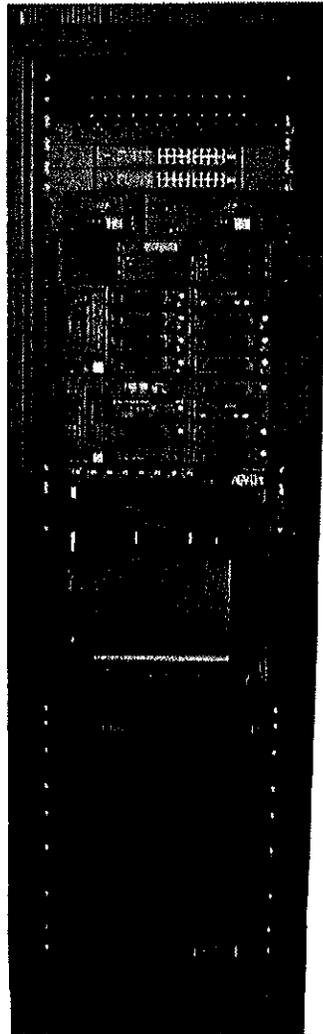


### FREDC Forensic Recovery of Evidence Device Module

The FREDRM module has all the processing functionality of a FRED system integrated into a rackmount module. Although the FREDRM module is specifically designed to focus on the processing of forensic evidence, FREDRM includes an integrated UltraBay to acquire a forensically sound (write-protected) image of IDE, SATA,



and SCSI drives using your choice of Forensic Imaging software. Furthermore, IDE, SATA, and SCSI drives may be connected/removed from the UltraBay without having to shut down the workstation or leaving the GUI. The UltraBay is exclusively available with Digital Intelligence FRED systems and is not available separately or from any other source. The FREDRM Module will also acquire data from 3 1/2 inch floppies, CD-ROM, and DVD-ROM media.



### FREDC Retractable Keyboard/17 inch LCD Display Module

This device is an integrated Keyboard and LCD Display. When the Keyboard/Display module is not in use, it may be folded down and retracted into the cabinet for storage and security.

### FREDC 3000 KVA UPS Module

One or more of these modular Uninterruptable Power Supplies can be installed to maintain FREDC system uptime in the event of a power failure or fluctuation. Larger UPS units are available if needed to support multiple RAID arrays or FREDRM systems.

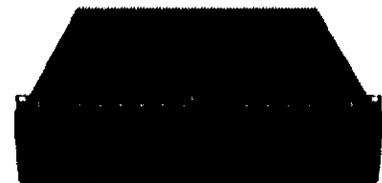
### FREDC Gigabit Ethernet Switch Module

This Gigabit Ethernet Switch (10/100/1000 Mb/Sec) is capable of moving data between the integrated network components at speeds up to 10 times greater than standard Fast Ethernet switches. In addition, the individual ports of this network switch will fall back to 10 Mb/Sec or 100 Mb/Sec speeds as required to maintain compatibility with slower network devices.

### FREDC RAID Array Module

The FREDC RAID Array Module provides high-speed access of up to 16.0 terabytes (14.0 TB RAID-5

w/Hot spare) of online storage. Multiple RAID arrays can also be employed to bring total FREDC online storage to 256 terabytes and beyond.



## Base line FREDC Specifications

FREDC's standard configuration includes Dual Intel Xeon Processors. FREDC also includes state-of-the-art storage, backup and remote access solutions:

- **42U Cabinet: 84" High (without wheels), 23 1/2" Wide, 36" Deep**
- **16.0 Terabyte RAID Array Module (14.0 Terabyte RAID-5 w/Hotspare)** - 16-Bay, 3U Rackmount RAID Enclosure (Fiber Channel Attached / Multilane SAS Cascaded) with sixteen 1000 Gb, 7200 RPM hard drives in Hotswap removable drive trays.
- **LTO-4 Ultrium Robotic Tape Library** - LTO-4 Ultrium Drive, 16 Slot Library, 800 GB (Uncompressed) / 1600 GB (Compressed) per tape, Up to 25.6 TB Total Online Backup Capacity, LVD SCSI Interface
- **48 Port Gigabit Ethernet (10/100/1000 MB/S) Rackmount Network Switch**
- **24 Port Rackmount Network Patch Panel (2)**
- **KVM over IP Remote Access Module** - Complete Keyboard, Video and Mouse control of any device in the rack from anywhere on your Forensic Network

### Base line SERVER-RM Specifications

- **4U Rackmount Enclosure** (10 Bays, Dual Redundant 500W P/S)
- **Motherboard:** Dual Intel Xeon Processors (2xLGA771 sockets supporting dual 45nm Intel Xeon® 5400/5300/5200/5100 Dual/Quad Core CPU's). Intel 5400/6321ESB chipset. 667/1066/1333/1600MHz Front Side Bus. 2xPCI-Ex16 (Gen2), 1xPCI-Ex8, 2xPCI-X (100/133 MHz), 1xPCI (32bit/33 MHz) Expansion Slots. 8 Fully-Buffered DIMM DDR2 533/667/800 Reg. ECC, Maximum up to 64 GB
- **Two Intel Xeon 5420 (2.5 Ghz) Quad-Core CPU's** (8 Processors Total)
- **8.0 GB Dual-Channel 128 Bit DDR2-667 Registered ECC Memory**
- **6 primary Serial ATA (SATA) 3.0 Gb/s ports onboard** (Intel/RAID Capable)
- **8 Secondary Serial ATA (SATA) 3.0 GB/s Ports Onboard** (Marvell/RAID Capable)
- **1 Parallel ATA (IDE) Port** (2 Devices)
- **Four 10/100/1000 MB/s Gigabit Ethernet Network Adapters** (Intel)
- **2 USB 2.0 Ports**
- **XGI Z9s Graphics Controller**
- **Dual Channel Ultra 320 SCSI Controller** (Narrow, Wide, Ultra, Ultra160, Ultra320)
- **3 1/2" Diskette Drive**
- **DVD ± RW/CD ± RW Dual-Layer Combo Drive**
- **1.6TB Internal RAID-5 Array** (With Hot Spare)
- **7 x Shock Mounted Serial ATA (SATA) Removable Hard Drive Bays**
- **Yosemite Backup Software**
- **Novell Open Enterprise Server** (5 User)

### Base line FRED-RM Specifications

- **4U Rackmount Enclosure** (10 Bays, 1100W Modular Power Supply)
- **i7 Motherboard** with Intel X58 / ICH10R Chipset
- **Intel i7 920 CPU (Quad Processor), 2.66 Ghz, 8M Cache, 4.80 GT/s Intel® QPI**
- **2 x PCI-Express (x16), 1 x PCI-Express (x1), 2xPCI-X, 1xPCI(2.2) Slots**
- **6 GB DDR3-1333 Triple Channel Memory**
- **Nvidia GT240 PCI-Express Video Card (512MB)** with HDMI and Dual Monitor Output
- **Dual 10/100/1000 Mbs Gigabit Ethernet Network Adapters**
- **8 Channel High Definition Audio Controller**
- **6 Ports (6 Drives) Primary 3.0 Gb/s Serial ATA (SATA) Controller** (RAID Capable)
- **2 Ports (2 Drives) SAS-Serial Attached SCSI Controller** (RAID Capable)
- **2 Ports eSATA 150/300 SATA On-the-GO** (RAID Capable)
- **1 Port (2 Drives) DMA 66/100/133 Parallel ATA (IDE) Controller**
- **1 PS/2 Combo Port** (Keyboard & Mouse)
- **11 USB 2.0/1.x Ports:** 8 Back Mounted, 3 Front Mounted (1 Write Blocked)
- **2 FireWire IEEE 1394a (400 MB/s) Ports:** 2 Back Mounted
- **3 FireWire IEEE 1394b (800 MB/s) Ports:** 1 Back Mounted, 2 Front Mounted (1 Write Blocked)
- **Digital Intelligence UltraBay II Hardware Write-Blocker:**
  - Integrated IDE Drive Write Blocker
  - Integrated SATA Drive Write Blocker

## FREDC

- Integrated SCSI Drive Write Blocker
- Integrated USB Write Blocker
- Integrated Firewire IEEE 1394b Write Blocker
- **Digital Intelligence Integrated Forensic Media Card Reader** - One Switchable Read-Only/Read-Write (MSC, MS Pro, SMC, CFC, MD, XD, SDC, and MMC Memory Card compatible)
- **1 x 150 Gb 10,000 RPM 3.0 Gb/s SATA Hard Drive in Shock-Mounted Tray** – OS Drive
- **1 x 1.5 Tb 7200 RPM 3.0 Gb/s SATA Hard Drive in Shock-Mounted Tray** – Data Drive
- **2 x Native Shock Mounted SATA Removable Hard Drive Bays** (IDE Capable)
- **1 x Hotswap Shock Mounted Removable Hard Drive Bay** (IDE/SATA Capable)
- **BD-R/BD-RE/DVD ± RW/CD ± RW Blu-ray Burner Dual-Layer Combo Drive**
- **Extendable/Retractable Imaging Workshelf with Integrated Ventilation**
- **USB 3 1/2" Floppy Drive with Write Protect Switch**

### Additional Options are Available Upon Request

All of our systems can be upgraded or modified according to customer requests. Typical options or upgrades include Processor Upgrades, Memory Upgrades, Hard Drive Upgrades or additions, and additional bundled forensic software as requested.

FREDC systems can be implemented in identical style cabinets of different heights. 30, 36, 52, 61, 76, and 84 Inch tall cabinets are available.

Digital Intelligence will install/configure your equipment at your location and provide orientation for your personnel.

As all FREDC Forensic Data Centers are individually designed to meet customer specifications and requirements, please contact Digital Intelligence for configuration assistance and pricing.

#### FREE TRAINING WITH FRED SYSTEM PURCHASE

**Digital Intelligence offers free training. This limited time offer will provide a single seat in our Computer Forensics with FRED class for each FRED system purchased. This program offers a great opportunity to obtain detailed training in the operation and configuration of your new FRED system! Limited seating is available in each class under this offer so make your arrangements early. Although tuition will be covered under this program, travel, meals, and lodging will be the responsibility of the student. A credit card commitment will be required to reserve seating under this program as last minute cancellations and no-shows will be charged a \$150.00 cancellation fee (otherwise no charges will be applied).**

#### DON'T ACCEPT LESS-CAPABLE IMITATIONS OR KNOCK-OFFS!

**Do the Research:** Examine our system specifications, ask existing customers about our products and support. You'll understand why our FRED Systems are continually recognized as the best designed, most capable, completely supported Forensic Workstations in the world! (even by those who try to copy our products)

### "FRED"

You know the name - now get your own! **Only** at Digital Intelligence!