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## **Introduction**

**Diamond Data Corporation** performs depot and on-site repair of business and consumer computers including workstations and servers as well as installing and maintaining networks. We also provide consulting services for network and Internet design and implementation. We also specialize in the depot and on-site repair and service of Hewlett Packard and Okidata printers.

**Diamond Data Corporation** buys and sells new, used, and surplus computer equipment. Equipment includes items such as computers, parts, monitors, Hewlett Packard Laser printers, premium quality laser toner cartridges, Okidata Dot matrix, pos printers, laptops, memory, network adapters, IBM 3270, 5250 emulation adapters, Ethernet, Token Ring, Artic, RS6000, routers, hubs, controllers, Some of our Manufacturers are Hewlett Packard, Okidata, Compaq, IBM, Dell, 3Com, Cisco, Madge, Olicom, DCA/Attachmate, and Bay Networks.

**Diamond Data Corporation** provides an asset recovery program to the corporate and .COM world to help companies properly sell, recycle or dispose of their surplus, obsolete, overstock, discontinued, downsized, merged, or bankrupted computer equipment.



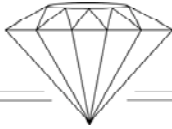


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### **Service Offerings**

At Diamond Data we have many support and service options. Diamond Data has been in the service business for 12 years. Due to our expansive solution offerings, please contact us to assist you with the best solution for you. Whether you are a small to medium sized business, or a large business seeking enterprise solutions, Diamond Data will have a solution custom tailored to fit your needs. Our service offerings are as follows:

- PC's, Laptops, Monitors and Parts**
- Asset Management & Recovery**
- Networking**
- Wireless Networks**
- Information Security**
- Servers**
- Toner Cartridges**
- Dot Matrix, Ink Jet and Laser Jet Printers**
- On-site or in-house Service**



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### Product Offerings

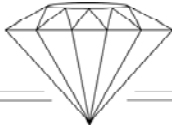
Diamond Data offers you **new, used or refurbished** name brand computer equipment at unbeatable quality and prices. At Diamond Data we like for our customers to feel secure about their purchase, so we offer a **warranty on all of our products**. Please call us to not only meet your needs but also fit your budget. Don't make a huge mistake contact Diamond Data to satisfy all your computer needs.

We offer custom tailored solutions or out of the box configurations from tier 1 manufacturer's. We can fulfill orders from small business's to worldwide Fortune 500 accounts. Most of our products are in stock, however if we do not show stock on the item you are looking for, **we can get the product you need within 24 hrs.**

Diamond Data offers a variety of products and services to suit your needs. If you have a need for anything IT related, remember Diamond Data. If we can't satisfy your needs, then we can refer you to a company that can. Diamond Data services and sells the following computing equipment:

- PC's
- Servers
- Laptops
- Monitors
- Networking Equipment
- Dot Matrix, Ink Jet and Laser Jet Printers
- Toner Cartridges
- Dot Matrix, Ink Jet and Laser Jet Printers





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### **Asset Management & Recovery**

Does your company have a computer junkyard within the office? Then let Diamond Data dispose of all the computer equipment that is no longer useful to your company.

Diamond Data has an Asset Management & Recovery Division that disposes of surplus computer equipment. We will warehouse, move, or dispose of all types of computer equipment. ***We will buy, sell, warehouse, dispose, or make a trade on your equipment.*** All excess equipment scenarios are different, so please contact Diamond Data, to assist in the solution that is best for you.

As businesses use more and newer technology, electronic products quickly become obsolete and are replaced. The average useful life of a personal computer is about 2 years. What happens to the old computers when upgrades are purchased? Many companies have obsolete hardware sitting in a storeroom taking up valuable space, if you are one of those then call Diamond Data to clean up that extra space for you. Whether you have a few pieces of equipment or warehouses of equipment let Diamond Data be the company to remove it for you.

By 2004, 315 million computers are expected to become obsolete. People do not realize how much hazardous waste is in computer equipment. The equipment contains 1.2 billion pounds of lead, 2 million pounds of cadmium, 400,000 pounds of mercury and 1.2 million pounds of chromium. Many of the surrounding companies do not even recycle or dispose of computer equipment for the reason that they do not have the capabilities to get the equipment where it needs to go. Diamond Data is aware of how hard it is to dispose of your old equipment, and that is why we have made it our business to be able to recycle and dispose of the equipment properly. We can remove, buy or take the equipment on consignment to insure that your business gets full benefit of the asset value.



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### **Network Integration**

Here at Diamond Data we have designed and implemented solutions for small, medium and enterprise wide networks for many corporations. Many times the problems encountered in a project can be traced back to the planning phase, or in some cases, the lack of planning. The high experience level of the engineers at Diamond Data allows them to be able to evaluate your current network; taking into consideration the future growth of your company, Diamond Data specializes in configuring new computer network systems to meet your current requirements and potential future needs. Diamond Data also analyzes and upgrades network systems that are currently up and running. Once there is a clear plan on what needs to be done our staff is ready to communicate to you what each phase of the project will entail.

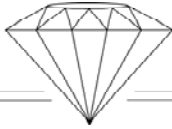
### **Network Management Services - NMS**

In the world of communications & network operators, life is a balancing act. You must deliver innovative services to a demanding market. You must always be ready to grow, enabling quick expansion of your infrastructure and capabilities. There is the need to protect the network from any possible disruptions. As a skilled professional, you aggressively manage your infrastructure costs. Diamond Data can be your army of support.

We have technicians in advanced Programming, Network Maintenance / Installation, and Computer Component Distribution. This means Diamond Data can help provide the solutions you need, from a team you can work with and trust. Diamond Data provides a single point of accountability for your program: unparalleled design solution architecture, development, integration with legacy systems, equipment upgrade and maintenance, project management, training, and ongoing support. Contact a skilled Diamond Data consultant to evaluate your network and design needs. Explore the Diamond Data Continuum as we offer ongoing support plans to suit your future business needs.

### **Network solutions:**

- Cat 5 installations**
- Plenum wiring**
- Server installation/configuration**
- Workstation installation/configuration**
- Network configuration for traffic routing**
- Switch/Router/Hub Installation and configuration**



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### **Wireless Networks**

Over the last 6 months, companies have begun deploying wireless network devices faster than any other technology before it. Wireless functionality, in addition to being less expensive to implement than wired networks, is extremely attractive to both individuals and corporations alike.

Companies are looking to deploy wireless networks in a secure fashion. Security is best considered before the deployment of a wireless infrastructure. Even with an existing wireless deployment, security considerations exist in order to maintain control over wireless resources. Allow Diamond Data to supply your organization with the secure wireless architecture needed to minimize risks associated with the implementation of wireless networks.

If not configured properly, your wireless network could be susceptible to:

- Denial of service**
- Inappropriate bandwidth usage**
- Data Theft**
- Session Hijacking**
- Network Hacking**



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## **Diamond Data's Wireless offerings**

### **Site Assessment**

Many organizations are currently in the process of evaluating or deploying wireless local area networks (WLANs) as extensions to their existing wired network infrastructure. WLAN technology increases the opportunity for user collaboration and productivity by allowing free movement from desk to workgroup to conference room– while maintaining connectivity to the corporate network. The IEEE 802.11b Standard provides a common foundation for WLAN technology allowing compliant systems from different vendors to work together in a seamless fashion. The resulting products have been optimized for out-of-the-box connectivity and ease of use, while the threat from wireless vulnerabilities is frequently misrepresented, misunderstood, or often simply ignored by users and vendors alike. This combination of convenience, interoperability and low cost has led to a marked increase in vulnerabilities unintentionally opened by well-meaning individuals. Site Assessment can and should be included with the Site Survey. A site assessment looks at the security architecture of a wireless site survey and of a wireless infrastructure. Site assessment included specific security recommendations for deployment of a wireless network in a secure fashion.

Diamond Data's wireless network offering is designed to help organizations assess, evaluate and mitigate the risks inherent when deploying WLAN technology. Site assessment included specific security recommendations for deployment of a wireless network in a secure fashion. Call Diamond

### **Secure Wireless Architecture and Design**

Whether you have already implemented wireless in your environment, a secure scalable solution must be implemented in order to ensure quality of service and safe, reliable communications. Secure Wireless Architecture and Design examines customer business requirements for wireless and then proposes a solution using best-of-breed product to achieve security at all points of entry into the wireless network.

### **Implementation**

Now that you have a wireless network designed, it is time to install it. Implementation includes signal tuning, roaming verification, access point placement, and bandwidth capacity testing. Reliability testing is also performed to ensure quality of service.





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### **Vulnerability / Penetration Testing**

Wireless networks pose the greatest of security risks: the ability to circumvent all existing security systems in place. Wireless penetration tests can and should be performed on existing networks that have wireless that think they are secure. Wireless Penetration tests differ from site assessments in that they actually try to break in and compromise the network. Denial of Service (DOS) testing and vulnerability analysis form the core pieces of the penetration test.



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### **Information Security**

Information security is one of the most critical aspects in a new or existing network. Whether you are concerned with data theft from internal employees and attackers. Or the costly expense of cleaning a virus ridden network.

New malicious attacks now combine the characteristics of viruses, worms, Trojan horses, and/or malicious code with methods of exploiting server and Internet vulnerabilities to initiate, transmit, and spread attacks. In 2002, over 20,352 reports were submitted to various virus software companies. W32/Klez had the worst number reported for 9 consecutive months, having 9,648 reports (approximately 50% of total), which made a single virus to have the worst number of reports ever for a year. Diamond Data Corporation believes information security policies are 'the bottom line' in IT security; they set the boundaries of acceptability across the organization. We provide Proactive Virus Protection, Redundant Protection, Proxy's, Gateways, Backup systems, Scan Engines, and Security Implementation.

Below are some terms that your organization has experienced in the past, or are experiencing now without your knowledge.

**Policy Enforcement** - This optimizes network performance and incorporates network privacy.

**Perimeter Protection** - Having a good firewall on the perimeter of your network is a must these days. Your firewall needs to not only protect your network from the mounting Internet threats, it must also allow you to monitor and log suspicious traffic.

**Anti-virus** - Today, viruses do not just have one way to infect a system. They often carry multiple payloads and have many different delivery mechanisms. This allows the viruses to spread faster than ever. Your anti-virus system must be able to be updated automatically and distributed to all your systems in a timely manner.

**Passwords and Policies** - Installing firewalls, intrusion detection, and all the rest means nothing if you do not have good policies in place to back them up.

**Denial of Service** - On the Internet, a denial of service (DoS) attack is an incident in which a user or organization is deprived of the services of a resource they would normally expect to have. Typically, the loss of service is the inability of a particular network service to be available or the temporary loss of all network connectivity and services. In some cases, for example, a Web site accessed by millions of people can occasionally be forced to temporarily cease operation. A denial of service attack can also destroy programming and files in a computer system. Although usually

intentional and malicious, a denial of service attack can sometimes happen accidentally. A denial of service attack can cause inappropriate bandwidth usage, data theft, session hijacking, and network hijacking. Some examples of these attacks are:

**Buffer Overflow Attacks** - The most common kind of DoS attack is simply to send more traffic to a network address than the programmers who planned its data buffers anticipated someone might send. The attacker may be aware that the target system has a weakness that can be exploited or the attacker may simply try the attack in case it might work.

**SYN Attack** - When a session is initiated between the Transport Control Program (TCP) client and server in a network, a very small buffer space exists to handle the usually rapid "hand-shaking" exchange of messages that sets up the session. The session-establishing packets include a SYN field that identifies the sequence in the message exchange. An attacker can send a number of connection requests very rapidly and then fail to respond to the reply. This leaves the first packet in the buffer so that other, legitimate connection requests can't be accommodated. Although the packet in the buffer is dropped after a certain period of time without a reply, the effect of many of these bogus connection requests is to make it difficult for legitimate requests for a session to get established.

**Teardrop Attack** - This type of denial of service attack exploits the way that the Internet Protocol (IP) requires a packet that is too large for the next router to handle be divided into fragments. The fragment packet identifies an offset to the beginning of the first packet that enables the entire packet to be reassembled by the receiving system. In the teardrop attack, the attacker's IP puts a confusing offset value in the second or later fragment. If the receiving operating system does not have a plan for this situation, it can cause the system to crash.

**Smurf Attack** - In this attack, the perpetrator sends an IP ping (or "echo my message back to me") request to a receiving site. The ping packet specifies that it be broadcast to a number of hosts within the receiving site's local network. The packet also indicates that the request is from another site, the target site that is to receive the denial of service. (Sending a packet with someone else's return address in it is called spoofing the return address.) The result will be lots of ping replies flooding back to the innocent, spoofed host. If the flood is great enough, the spoofed host will no longer be able to receive or distinguish real traffic.

Any one of these attacks can cost the target person or company a great deal of time and money. Diamond Data can supply your organization with the secure architecture needed to minimize risks associated with the implementation of any type of network. Whether you have already implemented wireless in your environment, a secure scalable solution must be implemented in order to ensure quality of service and safe, and reliable communications. Diamond Data examines customer business requirements and then proposes a solution using best-of-breed product to achieve security at all points of entry into the network. Security is best considered before the deployment of a network infrastructure. Even with an existing deployment, security considerations exist in order to maintain control over wireless resources.



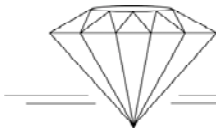
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### **Servers**

At Diamond Data we specialize in meeting your company's requirements. We can install a server specified to fit your company. Regardless of your network situation, we can provide you with the best technology to meet your company's needs.

In 2002 Microsoft issued over 70 critical security patches. Staying on top of the day-to-day support issues for today's networks can be challenging for many companies. Diamond Data helps companies maintain their systems in top operating condition. We provide flexible options for companies needing ongoing support services. If your company requires regular support we can also schedule weekly onsite visits at a reduced rate. What we're saying is, we try to gear our services to your needs so that your costs are as low as possible. Whether you're a small company with 5 computers and are looking for a company to provide on-call support, or whether you are a larger organization needing a reliable experienced support team; we have a support plan that will fit your company.

The Marine Corps has a saying "Proper prior planning prevents poor performance". They call it the 6 P's. At Diamond Data we think this makes for good computer support thinking as well. Many times the problems encountered in a project can be traced back to the planning phase, or in some cases, the lack of planning. The high experience level of the engineers at Diamond Data allows them to be able to evaluate your current network. Once there is a clear plan on what needs to be done our staff is ready to communicate to you what each phase of the project will entail. Diamond Data is very flexible on what level of involvement we have from doing all the work, to assisting the clients staff with the work, to monitoring and troubleshooting if a problem comes up. If your company has a large deployment and needs to "Fingerprint" each computer and you need additional hands; Diamond Data is ready to assist.



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### **Toner Cartridges**

ITEM	DESCRIPTION DIAMOND DATA BRAND FOR	PRICE
HP 92274A	HP 4L/4P	\$50.00
HP 92275A	HP IIP/IIIP	\$55.00
HP 92291A	HP 3SI/4SI	\$69.00
HP 92295A	HP II/III	\$49.95
HP 9225A MICR	HP II/III	\$73.00
HP 92298A	HP 4/4+/4M/5/5M	\$65.00
HP 92298X	HP 4/4+/4M/5 HIGH YEILD	\$81.00
HP C3900A	HP 4V/4MV	\$82.00
HP C3903A	HP 5P/6P	\$59.00
HP C3906A	HP 5L/6L/3100	\$55.00
HP C3909A	HP 5SI/8000	\$129.00
HP C4092A	HP 1100	\$55.00
HP C4096A	HP 2100	\$85.00
HP C4127A	HP 4000/4050	\$65.00
HP C4127X	HP 4000/4050 HIGH YEILD	\$110.00
HP C4129X	HP 5000 HIGH YEILD	\$110.00
HP C4182X	HP 8100 HIGH YEILD	\$179.00
HP C4191A	4500 BLACK	\$99.00
HP C8061A	HP 4100	\$149.00
HP C7115A	HP 1000/1200	\$59.00
HP C7115X	HP 1000/1200 HIGH YEILD	\$79.00
CANON FX1	CANON 700 SERIES	\$49.00
CANON FX2	CANON 5000/5500	\$67.00
CANON FX3	CANON 4000	\$65.00
CANON FX 4	CANON L8500/9000/9500/9800	\$55.00
CANON A-20	CANON PC10/14/20/24/25	\$75.00
EPSON	EPSON 1500	\$115.00
LEX 4019/29	WINWRITER 600	\$99.00
LEX 4039	WINWRITER 600	\$85.00

**Need a different toner? Call  
and we will find it!**



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Diamond Data Corporation has over 25 years experience in the computer and printer business. Our laser printer specialists are Hewlett Packard certified, and offer in-house or on-site service. We specialize in HP Laser Printer, and Okidata Dot Matrix Printers. We appreciate the opportunity to serve you.

**We have the following in stock:**

**Dot Matrix Printers:**

320 Okidata Printer	300 CPS	\$195.00
320 Turbo Okidata Printer	435 CPS	\$225.00
321 Okidata Printer	300 CPS	\$225.00
380 Okidata Printer	180 CPS	\$195.00
391 Plus Okidata Printer	435 CPS	\$295.00
521 Okidata Printer	435 CPS	\$275.00
590 Okidata Printer	450 CPS	\$295.00
591 Okidata Printer	450 CPS	\$295.00
5000-8500 Series Epson Printers	CALL	CALL
IBM dot matrix	CALL	CALL

**Laser Printers:**

HP Laser IIIp	4 PPM	\$299.00
HP Laser 4	8 PPM	\$350.00
HP Laser 4L	4 PPM	\$175.00
HP 4 Plus	12 PPM	\$450.00
HP Laser 4 M	8 PPM	\$350.00
HP Laser 4 M Plus	12 PPM	\$425.00
HP Laser 5 N	12 PPM	\$400.00
HP Laser 5L	4 PPM	\$150.00
HP Laser 6L	6 PPM	\$195.00
HP Laser 1100	8 PPM	\$250.00
HP Laser 4000	17 PPM	\$795.00
HP Laser 8000 DN	24 PPM	\$1500.00

CPS - Characters per second  
PPM - Pages per minute