



Arming You With The Best IT Solutions!



dSnet

Providing All Of Your Internet Needs!

dSvault

Let Us Protect Your Data!

dSguard

Unbeatable Security and Surveillance!

dSpayroll

Minding Your Business Is Our Business!



DSTECH was founded in 1976 and is based in Escanaba, Michigan. For over 30 years, DSTECH has served customers in the Upper Peninsula and northeast Wisconsin with computer services, hardware, software and network support. Over this period, we have earned a consistent reputation for providing the highest quality in our products and varied technology-based service offerings.

As the Upper Peninsula's only IBM Business partner for Midrange systems, we understand the need for high quality in service and systems. DSTECH has become the primary supplier of business systems and network support for many of the Upper Peninsula's largest businesses and organizations. We have been chosen as the UP technology provider for the State of Michigan Supreme Court's Judicial Information Systems.

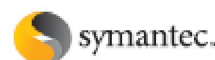
DSTECH is affiliated with many key information technology providers including Intel, Microsoft, Cisco, 3Com, Infotel, SonicWall, Veritas, APC, HP, Symantec, Zultys, Allwox, Vivotek, and CLI among others.

DSTECH's primary business focus, however, continues to be centered on providing technology-based services and support to our clients. Our core competencies include custom software development and support, network design, implementation and administration, system integration, security and surveillance, complete system outsourcing as well as overall project management services.

We hope you will find the enclosed information a useful guide to the many IT-based service offerings we have to offer. We look forward to working with you on your next project. Thank you for choosing DSTECH.

A handwritten signature in black ink that reads "Joe B. Knauf".

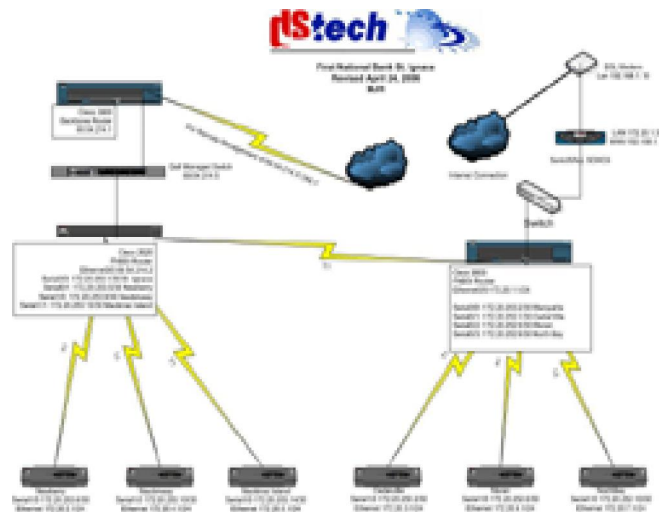
Joe B. Knauf, Owner



Network Design & Administration

Overview

Businesses have come to depend on reliable networks, that simply never go down. At DSTECH, we strive for that perfection everyday. We know that 100% uptime is virtually impossible, but we take every measure to ensure that when a failure occurs we are ready for it. Thus your company will experience little, if any, downtime. DSTECH offers a comprehensive package of network services to meet all of your network needs.



Network Services

We offer an extensive line of network service including:

- Network design and implementation
- Project management
- Firewall implementation
- Disaster Recovery planning and documentation
- Remote off site backup
- IP camera security of network devices
- Remote network monitor of any IP based device
- Extensive network security scans and vulnerability assessments

We Support:

- Windows 9x/ME/NT/2000/XP/2003/Vista/2008/Windows 7
- Novell 3.12 or higher
- Linux - most x86 distributions including, CentOS, Fedora, Slackware, RedHat 6 or higher
- IBM AS/400, iSeries

**WHY TRUST
YOUR BUSINESS
TO ANYONE ELSE?**



PC Repair & Maintenance

WHY CHOOSE DSTECH??

DSTECH is Upper Michigan's leading computer repair and maintenance center. Our valued customers range from home computer users to large business clients, and each one can expect to receive the same high standard of customer care.

- **NO-FIX-NO-FEE ***
- **FAST RESPONSE**
- **In-House or On-Site repair available**
- **Friendly Service**
- **Home User / Business**

*see next page for details



Our technicians are fully qualified and highly experienced. They are carefully selected and have spent many years working in the computer industry.

WHAT WE DO BEST

PC Crashing or Freezing

Is your computer crashing or freezing in the middle of your office application or favorite game? Perhaps a hardware conflict is causing the problem, software has become corrupt or possibly the drivers for the graphics card need updating - whatever the problem, we have technicians ready to help.

Software Problems

Are you having problems installing certain software? Perhaps you have installed software which has had unexpected side effects or caused conflicts with existing installed software? We can help resolve your software problems.

Internet Problems

We would be happy to install your modem, set up or configure a broadband connection or help with any Internet or e-mail problems you may be having.

Hardware Failures or Upgrades

We install processors, memory, motherboards, hard drives, power supplies, graphics and sound cards, modems, CD/DVD drives, floppy drives, etc. We can supply replacement or upgrade components, or install new components, which you have bought.

PC Not Booting

Your computer will not boot, there are error messages (blue screens) or it will only boot in 'Safe Mode'. These are common problems and our technicians are experienced in identifying the source of the problem and can restore your computer system to perfect health.

Virus / Spyware Attacks

Virus and spyware attacks are becoming more frequent and more serious. They can be among the hardest computer problems to deal with. You will need professional help to clear the virus and repair the damage it may have done to your system. Our primary goal is to help you PREVENT virus attacks.



PC Repair & Maintenance

No-Fix-No-Fee Policy

Our No-Fix-No-Fee policy means that if the technician does not possess the necessary technical knowledge or ability to resolve the problem or effect the repair, then no charge is made to the customer, apart from a small callout fee.

If the technician is able to resolve the problem or effect the repair, but is only prevented from doing so by the customer requesting the technician not to proceed with the work, then the customer is charged for the technician's time spent to that point.

If the technician is able to resolve the problem or effect the repair, but is only prevented from doing so because the customer does not possess the required software CD-Rom or Product Key, then the customer is charged for the technician's time spent to that point.

If the technician provides a clear and precise diagnosis of a failed component and the customer decides not to proceed with the replacement of the component, then the customer is charged for the technician's time spent to that point.

The policy does not apply to work related to computer virus or spyware problems or to cases in which the computer has suffered a power surge.



VoIP Telephone Systems

dStech has partnered with Zultys Inc. and Allworx to provide VoIP telephony solutions.

Zultys Inc. is a premier manufacturer of communications equipment for businesses and enterprises. Its award winning products have provided the market with solutions that increase worker productivity and scale for future growth. Zultys has produced some of the most innovative designs that integrate functionality while fully interoperating with industry standard devices.

Allworx Whether you're looking for a replacement phone system or a phone system to take you into tomorrow's VoIP technology, **Allworx** products have the right features, ease of use, scalability and ROI to help drive growth.



Growth. It's the ultimate measure of success for every organization.

Allworx products redefine "SMB", reflecting a commitment to help turn Small business into Medium business, and medium business into Big business.

Whether you're looking for a leading-edge IP-based phone system, or a hybrid system that makes the most of today's environment and tomorrow's VoIP technologies, Allworx products help your Small or Medium business become the BIG business you deserve.

Future-proof your communications with the industry's hottest, most affordable IP-based phone systems that expand as your business grows.



Zultys Unified Communications Solutions in Action

Zultys' solutions are simple to install, manage and scale. Thousands of Zultys Unified Communications systems are in use worldwide, supporting hundreds of thousands of end users, from small local businesses like **Sir Speedy Whittier** to international organizations like **The Crossroads Foundation**.

Zultys is the Industry Leader for SMB VoIP

High tech doesn't have to be high priced. Zultys's award-winning Unified Communications solutions provide affordable, cost-effective Fortune 500 company quality Unified Communications services to the SMB that beats any other comparable system on the market.



VoIP Telephone Systems

Zultys' top-rated VOIP phone system for Small and Medium Businesses helps your company streamline operations, do more for less and still meet your business and customer demands. Zultys "all in one" system combines voice calling, presence, instant messaging, faxing and more into a solution that lets you tailor your phone system to meet YOUR requirements and connect all your employees into a single collaborative system to reduce costs and expand opportunities.

- Slash your calling costs.
- Stop the guessing game and let your employees quickly find the best way to reach the person they need to speak with.
- No more lost opportunities, manage your voice mails more effectively and keep your customers happy.
- Eliminate your fax machine and costly fax lines, toner and paper, and use Zultys for all your fax needs.

Zultys combines big-business functionality with the ease of use and smart deployment approach that the small to medium business needs to reduce costs, get the job done and stand out from the competition.



Connect, Collaborate and Win with Zultys Products

Zultys develops products that enable companies and organizations to deploy cost-effective integrated communications systems. Our products are designed to maximize investment, interoperability and usability. Companies and organizations around the world are experiencing the benefits of a Zultys Open Standards IP platform for their communications needs.

- MXIE Unified Communications Client
- MX250 and MX30 IP PBXs
- Zultys SIP Handsets
- MXmeeting Web Conferencing
- MXGroup for organization-wide connectivity
- Zultys Contact Center



About Zultys

Based on SIP open standards, [Zultys Inc.](#), a Silicon Valley company founded in 2001, manufactures feature-rich [VoIP Business Phone Systems](#) that provide affordable Fortune 500 Company class Unified Communications solutions for the SMB that will boost productivity, enhance operations and cut costs. Zultys offers a complete family of proven [SIP](#) solutions, including [IP PBXs](#), handsets, Unified Communications clients and web conferencing solutions that easily scale to thousands of users. Our solution supports Mac, Windows 32 or 64 Bit or Linux users and integrates features such as [soft-phone](#), [Find me-Follow me](#), [Presence](#), [Secure Chat](#), [Tele-worker support](#), [Inbound Contact Center](#), [IVR](#), [ACD](#), [Call Recording](#), [Fax Origination/Termination](#), [Cell Phone Twinning](#), [Cell Phone UC Client](#) and much more. Zultys delivers on the promise of Unified Communication from open interfaces such as SIP to rich applications and networking. Not only is our solution cost effective, it also provides the highest energy efficiency with its compact single server all-in-one design. Zultys' distributed architecture also helps companies maintain high availability, while being simple to install, manage and scale.



VoIP Telephone Systems

Allworx® Products at a Glance



IP Phones

Allworx phones truly emulate both Key and PBX behavior. Set your Allworx phones to either one or mix both!

Feature comparison

Feature	9224	9212	9202
Adjustable stand — wall mount	•	•	• [†]
Backlit screen	•		
Call history/ Missed calls	•	•	•
Caller ID	•	•	•
Call waiting — displays caller information on LCD	•	•	•
Check messages button	•	•	•
Conference call button — up to three callers	•	•	•
Distinctive ring types — distinguishes different types of calls	•	•	•
Do Not Disturb button — eliminates interruptions	•	•	•
High-Fidelity Voice Handset	•	•	•
Hold button	•	•	•
Info button — accesses on-screen help	•	•	
Intercom button — connects to other extensions	•	•	•
Maximum number of call appearances per phone	24	12	2
Multiple voicemail indicators	•	•	
Mute button	•	•	•
One Touch Day & Night Mode	•	•	
Power over Ethernet	•	•	
Programmable Function Keys	24	12	2
Redial	•	•	•
Release button — relinquishes line without hanging up	•	•	•
RJ-11 headset port	•	•	
Speakerphone — Full-duplex	•	•	
Speakerphone button — activates microphone and speaker	•	•	
TAPI support — integrates phone and computer ³	•	•	•
Transfer call button	•	•	•
Visual ring indicator	•	•	

[†] 9202 is wall mountable but does not have an adjustable stand.

Software Features

Allworx provides software feature options to help your business increase its productivity, efficiency and customer response.

Call Assistant™

Live answer position allows operators or users to easily manage incoming calls via a software tool.

Call Queuing™

A cost-effective call queue solution designed for small businesses.

Conference Center™

Allows you to host conference calls with up to eight participants per conference.

Internet Call Access™

Provides significant savings by sending and receiving phone calls over the Internet.

Dual Language Pack

A Dual Language Pack is available in English and Castilian Spanish.

Tx 92/24 Expander

The Tx 92/24 Expander allows you to extend your Allworx 9224 IP phone up to a total of 96 programmable function keys (PFKs).

Up to three Tx 92/24 Expander units can be anchored alongside any Allworx 9224 phone for an additional 24, 48, or 72 PFKs. Each PFK on an Allworx Tx 92/24 Expander is completely programmable and can be programmed to perform a wide variety of functions.

Px 6/2 Expander

The Allworx Px 6/2 Expander unit provides the most cost-effective way to expand the capacity of the Allworx 6x and 24x Systems.

The Allworx Px 6/2 Expander provides six FXO ports and two FXS ports per unit, and up to three Px 6/2 Expander units can be connected per Allworx system.



Allworx Systems — the only right choice

The Allworx system is a state-of-the-art communications system that integrates three essential business operations into one simple system — a feature-rich phone system, advanced IP phones and powerful software features that substantially improve your company's productivity while saving you on-going monthly costs. The standard T1/PRI capability of the 24x provides more cost savings and reliability than any other competitor in the industry — and then some.

Feature comparison

	Feature	Allworx 6x	Allworx 24x
	Number of Users	30 (up to 60 with Feature Key) ³	24 (up to 150 with Feature Key) ^{2,3}
PHONE SYSTEM	Central Office lines	6 FXO ports ¹	1 PRI, 3 FXO ports ¹
	T1/PRI	Third-party option	Integrated PRI support
	Extensions	60 (up to 120 with Feature Key) ³	48 (up to 300 with Feature Key) ³
	Analog phones	2 FXS ports ¹	5 FXS ports ¹
	PBX and Key System	Supported	Supported
	VoIP	SIP 2.0	SIP 2.0
	Multi-site	100 sites	100 sites
	Voicemail	8-port voicemail	16-port voicemail
	Customized call routing	Supported (mix of traditional /ITSP)	Supported (mix of traditional /ITSP)
	Remote users	Supported with Allworx phones	Supported with Allworx phones
	Presence management	7 settings per user	7 settings per user
	Auto attendants	9 unique Auto Attendants	9 unique Auto Attendants
	Conference calling	One (1) 8-seat conference bridge; 3-way conference for each Allworx phone	Four (4) 8-seat conference bridges; 3-way conference for each Allworx phone
	Door relay	Included	Included
Paging zones	10 customizable paging zones	10 customizable paging zones	
TAPI compliant³	All Allworx phones	All Allworx phones	
NETWORK	Storage	512 MB Compact Flash External USB hard drive ³	40GB internal hard drive Mirrored drive ³
	WAN/Internet access	5 modes: LAN host, Router, NAT/Firewall, NAT/Firewall with DMZ, NAT/Firewall with Stealth DMZ	5 modes: LAN host, Router, NAT/Firewall, NAT/Firewall with DMZ, NAT/Firewall with Stealth DMZ
	Firewall SPI security	Stateful Packet Inspection	Stateful Packet Inspection
	Spam blocker	Customize third-party spam blacklists (i.e. Spamhaus.org)	Customize third-party spam blacklists (i.e. Spamhaus.org)
	Email SMTP server	Supported w/optional external USB hard drive	Standard
	Email POP3 server	Supported	Supported
	Email IMAP4 server	Standard	Standard
	Unified messaging	Standard	Standard
	Network integration	1-port LAN connection	1-port LAN connection
	Automatic backup	Supported with OfficeSafe™	Supported with OfficeSafe™
	Port forwarding	Supported	Supported
	Website hosting	Internet / Intranet Sites	Internet / Intranet Sites
	T1 data connection	Third-party	2 integrated T1 lines
	T1-CAS Support	Not supported	Supported
Network install tools	DHCP Server Discovery, Trace Route	DHCP Server Discovery, Trace Route	
SOFTWARE FEATURES³	Call Queuing	10 queues; 16 total calls in all queues	10 queues; 32 total calls in all queues
	Call Assistant	Supported	Supported
	Conference Center	Supported	Supported
	Internet Call Access	Supported	Supported
	Dual Language Pack	English and Castilian Spanish	English and Castilian Spanish

1) Expandable via Allworx Px 6/2 Expander. 2) Expandable to 48, 100 & 150 via Feature Keys. 3) Sold as an option.

Call us today and we will help you select the product that is right for you.



Internet Services

In an effort to provide total network solutions DSTECH has introduced DSNET. DSNET provides Internet based connections to our customers. DSNET uses the same high quality of service standards that you have come to expect from us. You can check us out on-line at www.dsnet.us

Custom Internet & Web Solutions

Internet Access

- Dedicated Direct access lines.
- Local dial-up service for 95% of the Upper Peninsula
- Spam and e-mail virus protection standard on all e-mail accounts
- Dedicated Email Hosting
- Custom High speed wireless solutions to suit your business needs.

Web Hosting and Design

We are your all-in-one web site provider!

We can...

- Design your site
- Register your domain name
- Host your site
- Host your e-mail
- Create databases, graphics, animated graphics, logos, etc.

We can design websites that are easy to use, and can be administered in whole or in part by you. **Saving you time and money.**

We can scale the site to match your needs, from sites that are little more than an single page announcement to complex E-commerce applications. We also offer custom application programming. **If you need a website than you need DSNET.**

**FOR ALL OTHER SERVICES
CHECK US OUT AT
WWW.DSNET.US**



Network Security Auditing

DSGUARD has partnered with McAfee to provide Network Security Audits.

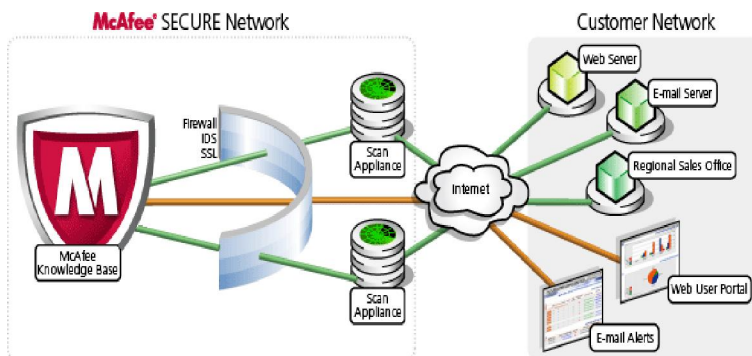
Every company fears the worst, having their computer, website, or network servers hacked. The loss of data is bad enough but knowing someone is trying to intentionally come into your network and steal precious and often sensitive private data... NOT ON OUR WATCH!!!

McAfee is a nationally recognized security auditing company, which allows us to offer objective security audits of your network. These scans create a comprehensive report that will show the existence of potential security vulnerabilities.

DSGUARD will correct any problem areas that arise from the network security audit so that your company can remain completely compliant with all security standards!

Secure Your Network Prevent Data Loss

CALL TODAY FOR



Automated network security audits combined with an extensive vulnerability management portal.

To date McAfee has conducted more than 20 million scans for our customers. Over 80,000 web sites rely on McAfee's daily vulnerability assessments for protection from hackers and third-party certification of their security. Our advanced vulnerability discovery and management technology provides a highly effective security solution with an ROI proven in more than 1,000 published studies.

Vulnerability Knowledge Base

McAfee's up-to-date vulnerability knowledge base powers our comprehensive network security audits and vulnerability management technology. We update the knowledge base continuously with tests for newly discovered vulnerabilities from sources worldwide. These continuous updates, combined with between-scan proactive alerts, ensure DSGUARD customers are always alerted of the latest vulnerabilities affecting their network.

Scan Appliances

Our network of distributed proprietary scanning servers, located in multiple data centers in North America and Asia, allows us to reliably perform daily security audits for thousands of clients located in more than 40 countries around the world. Each scan appliance is controlled by our central knowledge base and vulnerability management system, allowing the most suitable appliance to be automatically assigned to each device under test.

Data Security

McAfee is annually certified to the PCI Level One security standard.

Our entire portal infrastructure, and all customer data, is maintained within redundant, highly secure Tier One data centers with SAS-70 security certification, 24/7 on-site guards and biometric access control. The portal resides behind high-availability firewalls and intrusion monitoring systems. In addition, each server runs a localized firewall and IDS/IPS on top of a uniquely customized, hardened Linux distribution OS.



Network Security Auditing

Comprehensive Security Certification

The McAfee Secure™ Trustmark appears on more than 80,000 websites worldwide. Certified McAfee SECURE sites include some of the largest brands in retail ecommerce and brick and mortar retailing; as well as financial and non-profit institutions, manufacturers, universities, Fortune 500 corporations, and government agencies.

McAfee Secure™ Service

McAfee Secure sites are tested daily for more than 15,000 vulnerabilities.

- Proven to increase online sales in over 1,000 ROI studies
- Unlimited technical support to help you maintain the highest level of security
- McAfee Secure certification mark served through the Akamai network - the world's fastest
- Displayed on over 80,000 ecommerce web sites worldwide
- Multiple languages - English, Japanese, Chinese, Spanish, Dutch and German

Network Security Audits

- Easy-to-deploy: no software or hardware to install or maintain
- Accurate and up-to-date vulnerability knowledge base
- Comprehensive and easy-to-use interactive reporting
- Automates vulnerability discovery and remediation management
- Compliant with the Payment Card Industry Data Security Standard (PCI DSS) *
- Assessments aimed at achieving industry standards such as ISO 17799, and SAS 70

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1431 N 26th Street Escanaba, MI 49829 (877)786-3583 info@dsguard.us

Security & Surveillance

REMOTE MONITORING AND SURVEILLANCE

DSGUARD offers solutions to your security problems with either analog or IP-based camera systems. IP-based refers to Internet Protocol, meaning the camera can plug directly into a single computer or network.

The big advantage of these monitoring systems is the REMOTE ACCESSIBILITY, meaning you can monitor critical areas of your business. The camera systems can be set up in a variety of configurations, depending upon your needs. The cameras record in “real time” so you are seeing movement as it actually happens, not twenty minutes later. Cameras can be set to monitor only, or monitor and record, and can be set to activate should movement or noise be detected. DSTECH’s technicians will set up your system according to your individual needs.

REMOTE ACCESS-
ANYTIME, ANYWHERE

INSTALLED AND OPERATING
AT A SURPRISINGLY LOW COST!



FLEXIBILITY IS KEY

Access to live images can be restricted to only authorized users by means of a password, or to the public when the images are posted on a web site. Some of the features available are:

- Alarm and motion detection
- E-mail notification
- Audio and video recording
- Remote camera control and positioning

Since installation can be done through an existing network infrastructure, no expensive cabling is required, saving thousands of dollars. Within a few short hours your system can be installed and operating, and at a surprisingly low cost. Call DSGUARD today for more information and to get your IP Camera system installed.

Industry Examples

RETAIL

Monitor store traffic flow and staff activity, reduce shoplifting and theft, all from a remote location, such as your home.

HEALTH

The elderly are a particularly vulnerable segment of our population. Nursing Homes and Assisted Living facilities can use IP cameras to watch over and ensure the safety of their patients.

EDUCATION

IP Cameras are used everyday to monitor school property and equipment areas. Cameras can be set to trigger and record as soon as motion is detected, providing excellent event recording for future verification and identification procedures.

INDUSTRIAL

The use of IP Cameras is vital to maintain your security and provides instant visual verification of critical areas of an industrial site. Multiple sites can be viewed from one central location, saving valuable resource time.



DSVault Remote Backup

Secured Online Backup/Storage

Use the same data protection techniques Fortune 500 companies rely on to safeguard their data!

Free Set Up !!
Great Value
Economy Plans

**Just \$14.95
a month for
5GB**



DSVault Online Backup	
Storage	Monthly
1GB	\$6.95
2GB	\$8.95
3GB	\$10.95
4GB	\$12.95
5GB	\$14.95
10GB	\$24.95
15GB	\$34.95
25GB	\$54.95
50GB	\$99.95
100GB	\$199.95
200GB	\$399.95

Online Backup: DSVault enables consumers and organizations to get enterprise-class protection for their critical data at a fraction of the cost. Global corporations, business houses and people trust DSVault for their storage and backup needs.

- Backup SQL server databases, Exchange server databases, Outlook mail files, and other open files without interrupting the running services
- Enterprise-Class Redundancy—User data is backed up to a SAS 70 Level II secured data center and periodically mirrored to another data center for additional redundancy
- Industry standard 128-bit SSL encryption for transmission and AES 256-bit encryption on storage for high security

DSVault for Business Compliance

The Information Technology requirements of your business have evolved!

We will assist your business to meet federal mandates such as HIPAA, Sarbanes-Oxley (SOX), GLBA, and SEC/NASD Acts

DSVault

Payroll Processing

**COST EFFICIENT
RELIABLE
CONFIDENTIAL**

USER DEFINED DEDUCTIONS

- * **401K & IRA**
- * **Tax Exempt Plans**
- * **Various Saving Plans**

USER DEFINED PAY TYPES

CUSTOMIZED ACCRUAL & USAGE

- * **Vacation**
- * **Sick**
- * **Personal Leave**
- * **Comp Time**

EASY TO READ, ACCURATE REPORTING

MULTI STATE CAPABILITY

QUARTERLY REPORTS

DIRECT DEPOSIT

CUSTOMIZED LASER CHECKS

W2'S/W2 MAGNETIC MEDIA REPORTING

CUSTOM REPORTS

ELECTRONIC DATA TRANSFER/ACH

EARNED INCOME CREDIT

NEW HIRE REPORTING

FULL TAX REPORTING SERVICE AVAILABLE

DSPayroll has been providing payroll processing services to the Upper Peninsula and Northern Wisconsin since 1978. We are the largest Payroll provider in the region producing over 10,000 checks per month. Call us today to discuss your payroll. Regardless of the size of your company, let us show you how our services can save you time and money.



**Featuring Optimum
Solutions Payroll and
Human Resources
Software**



***ds*payroll**

A division of DSTECH

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