

# HOWARD TECHNOLOGY SOLUTIONS

BUSINESS PRODUCTS | SERVICES

# HOWARD™

Howard Corporate Headquarters  
Ellisville, MS

# Howard Branded Products

## HOWARD PRODUCT LINE



Desktops



Notebooks



Servers



Carts



Mobilization

## About Howard

Howard Technology Solutions, founded in 1998, is a division of Howard Industries, a billion-dollar, privately held company headquartered in Ellisville, MS. As a leading manufacturer and provider for computer hardware and related equipment, we are committed to creating, providing, and supporting superior products and services that meet or exceed the needs of our customers.

While technology may be complex, we believe obtaining it doesn't have to be. This simple fact, along with our strategic partnerships, enables us to offer a rich portfolio of over 250,000 products ranging from desktops, notebooks, tablets, servers, networks, printers, digital cameras, and accessories to custom designs and presentation carts.

Howard Technology Solutions has been satisfying business, educational, governmental, and medical customers for over 10 years. When it comes to technology, Howard has you covered!

**HOWARD**<sup>™</sup>

888.912.3151

www.howardcomputers.com

# Discover the Howard Advantage!



## Howard Technology Solutions Products & Services

### A | COMPUTING SOLUTIONS

**Desktops:** Howard, Lenovo, HP, & NComputing Multi-user Technologies  
**Notebooks, Netbooks, & Tablets:** Howard, Lenovo, HP, Fujitsu, Toshiba, Acer, & DyKnow Management Software

### B | AUDIO VISUAL & INSTRUCTIONAL SOLUTIONS

**Interactive Training Solutions:** Mimio & Interactive Projectors  
**Wireless Interactive Pads:** Mimio  
**Projectors:** Epson, BenQ, Viewsonic, InFocus, Sanyo, Toshiba, Panasonic & Christie  
**Projector Screens:** Da-Lite  
**Document Cameras:** AverMedia, Elmo, Lumens, Mimio, Qomo & Samsung  
**Personal Response Systems:** Mimio & Turning Technologies  
**Audio Solutions:** Howard, Frontrow, Earthwalk, Panasonic & Califone  
**Control Systems:** SP Controls, Extron & Crestron  
**Mounts:** Chief  
**Cables:** Cables To Go & Tripp Lite  
**Furniture:** Spectrum Industries  
**Installation & Design Services:** Howard  
**Mobile Presentation Carts:** Howard, Datamation, Spectrum, Earthwalk & Bretford

### C.1 | NETWORKING INFRASTRUCTURE SOLUTIONS

**VOIP:** Cisco & Shoretel  
**Continuity Solutions:** Cisco  
**Network Infrastructure:** Cisco, HP, Enterasys & Extreme Networks  
**Wireless:** Xirrus, Enterasys, Cisco & Aerohive  
**Cooling, Power Protection & LAN Storage Products:** Tripp Lite & APC  
**Backup Solutions:** CommVault, Bakbone, Exagrid, Spectra Logic, VMware, Continuum & HP  
**Servers:** Howard, Lenovo, Fujitsu, HP & IBM  
**Storage Solutions:** Xiotech, Buffalo & Compellent  
**Email Archiving Solutions:** Barracuda & Arcmail  
**Security Solutions:** Symantec, McAfee, Fortinet, Astaro, Sophos & Barracuda  
**Disaster Recovery Products:** EMC2, VMware & Howard  
**Bandwidth Management Solutions:** Allot  
**Mobile Communication Solutions:** Tacticomm & Merlin

### C.2 | NETWORK VIDEO SOLUTIONS

**PHYSICAL SECURITY**  
**VIDEO SURVEILLANCE:** Milestone, Cisco & Axis  
**VIDEO STREAMING:** Vbrick  
**VIDEO CONFERENCING:** Polycom & Lifesize  
**DIGITAL SIGNAGE:** Visix & Viewsonic

### C.3 | VIRTUALIZATION

**DESKTOP VIRTUALIZATION:** VMware & NComputing  
**SERVER VIRTUALIZATION:** VMware

### D | SOFTWARE

**Microsoft, Adobe, Quark**  
**Antivirus:** Symantec, McAfee, Sophos, & Kaspersky  
**Audio Music Creation:** Ableton, Cakewalk, Grass Valley, M-Audio, MakeMusic, Native Instruments, Roxio, Sibelius, Sony Creative & Nero  
**Video Creation:** Avid, Adobe, Sony Creative, Autodesk Media & Entertainment, Nero, Pinnacle & Roxio  
**Bags:** Brenthaven, Golla, Greensmart, Incase, Marware, Mobile Edge, STM, Tucano & Higher Ground  
**Accessories:** Anoto, Belkin, Centon, DLO, Iskin, Livescribe, Micro Innovation, Phillips, PNY, SanDisk, Tribeca, Vistablot, Wacom

### E | INSTALLATION & INTEGRATION SERVICES

**Managed Services:** Network Consulting & Design  
**Management Solutions:** Continuum, Altiris, Bomgar, & Faronics  
**Installation Services:** Audio Visual & Computing, Video Conferencing, plus Wireless Access, Network and Data Center & Cabling  
**Onsite Technicians**  
**Programming Services:** Control Systems & Video Conferencing  
**Support Services:** OnCall, HTTP, Technology Management & Custom Imaging  
**Training/Professional Development:** Instructional Technologies, 21st Century Courtroom and Boardroom Training  
**Physical Security & Video Surveillance Services:** Cisco

### F | ACCESSORIES AVAILABLE ON OUR WEBSITE

**Solutions:** Interactive Boardroom, Networking, Security & Disaster Recovery  
**Systems:** Desktops, Notebooks, Tablets, Servers & Presentation Carts  
**Hardware:** Monitors, Projectors, Cameras/Camcorders, Printers, Ink, Toner, Keyboards, Mice/Pointing Devices, Scanners, Power Devices & other accessories  
**Software:** Operating Systems, Networking, Security, Utilities & Office Productivity  
**Networking:** IP Telephony, Modems, Routers, Bridges, Video Conferencing Products, Cables, Hubs, Switches, WAPs, Security Devices, Cards, Adapters & other accessories  
**Storage:** Flash/Memory Drives, Adapters, Cables, Enclosures, RAID Arrays, CD/DVD Removable Media & other accessories  
**Contracts:** Contract availability varies per state. Contact a sales representative for more information regarding your specific needs.



ISO Certification 9001  
ISO Certification 2004

# Productivity redefined.

*Choose the desktop that is right for you!*

From space saving all-in-ones to traditional towers and small form factors, today's desktops offer an incredible array of high performance features and energy-saving capabilities. Integrated next-generation graphics packages bring amazing new visual dynamics into play for the ultimate in realism—high-quality video playback, sharper images, and richer color.



## HOWARD™

### Howard Q67MKB *Super-charged levels of performance*

Work faster than ever before with Howard's new Q67 desktop computer. Powered by the latest Intel® Core™ i7, i5, and i3 processors, you know it's fast! Now, add the integrated gigabit NIC, SuperSpeed USB 3.0, SATA-600, eSATA, FireWire, DDR3 and support for Intel's HyperThreading and Turbo Boost Technologies and you have an ultrafast desktop—one that delivers super-charged levels of performance and an abundance of high-speed connectivity.

- Intel® Core i7, i5, & i3 processors
- Turbo Boost Technology
- HD Video Playback



Choice System

### THE Howard Advantage

Take a look below to learn more about the 3 category systems for Howard branded products.



#### Logic

Value priced systems, ideal for browsing the internet, emailing, or creating word documents.



#### Merit

Affordable systems for playing games, multi-media playback, or everyday business applications.



#### Choice

Enough power for any workload; high-performance upgrades, enhanced security, and long-life cycles.

### Howard All-In-Ones *Performance and reliability in one sleek package*



### Howard M10B *Economy and performance*

- Intel's dual-core Atom™ D525 processor
- Turbo Boost Technology



Discover more brands!

Did you know? Howard carries the latest technology from these brands and more:

- Acer
- Dell
- Gateway
- NEC
- Samsung
- Sony
- Toshiba
- Viewsonic

Desktop Essentials

For convenience and added functionality, choose the right desktop accessories.

Wireless Keyboards



Laser Printers



Lenovo Desktops  
*Serious enterprise performance*

Professional-strength PCs with stable, flexible platforms, aggressive security and easy expandability.



HP Workstations & Desktops  
*Affordable and dependable*

Howard offers a wide selection of HP desktop computers to suit each customer's need, whether it applies to home office, business, or entertainment use. For small to large business customers, we offer a range of business desktop computers, workstation computers, POS systems, thin clients and blade PCs from HP.

# Reliability on the go.

*On-the-go! It's what we are and how we work;*

so, for business or pleasure, notebook computers have become lifestyle essentials. Powered by the latest high-performance processors, today's notebooks offer increased reliability, with energy-efficient technology that enables longer battery life, so you can stay unplugged longer.



## HOWARD™

### Howard W130

*True value and high performance*

Howard's new, midsize W130 notebook computer goes head-to-head with the competition for speed, performance, and reliability. This durable, high-performance system is powered by Intel's 2nd generation i-Core™ processors to give you the speed you need, when you need it. It features the Intel® Q67 chipset, supports 802.11AGN and Bluetooth wireless options, and has SATA and SSD drive options for performance that is more secure, manageable, and responsive. options for performance that is more secure, manageable, and responsive.enormously enhanced visual output.



Merit Systems



**W130 Docking Station**  
*Dock anywhere*

### Howard Jag HS6

*Affordable up-to-the-minute technology*

- Intel® Core i3, i5, & i7 processors
- 15.6" widescreen graphic-enhancing HD



### Howard Jag U12C

*High performance, semi-rugged notebook*

- Intel® Core i5 560UM Dual Core processor
- 12.1" WXGA Touch Screen



**lenovo**



**Lenovo Notebooks**  
*No-compromise performance*

These portable powerhouses feature high-end processors and graphics for lightning-fast performance and durable, reliable data storage.



**HP Notebooks**  
*Power boosters*

Be second-best at nothing when you select a high-performance PC with top-of-the-line processors, HD displays, and performance graphics.

**FUJITSU**



**Fujitsu Notebooks & Tablets**  
*Maximum productivity*

Fujitsu offers the industry's widest selection of pen-enabled products to meet your exact requirements, including the award winning LifeBook Notebook and Stylistic Tablet PC series.

**Notebook Essentials**

For convenience and added functionality, choose the right notebook accessories.

*Carrying Cases*



*Auto/Air Adapters*



**Panasonic**  
*ideas for life*



**Panasonic Toughbook Products**  
*Built With Toughness In Mind*

Panasonic Toughbook® mobile computers are built to protect data and keep performing in a wide range of conditions. Engineered to withstand drops, spills, dust and grime, Toughbook computers go where the user goes, ready to perform in spite of harsh environments or rough handling.

**TOSHIBA**



**Toshiba Notebooks & Tablets**  
*Maximum Productivity*

From business to healthcare to education—or any profession, Toshiba laptops deliver the power to help you do your best, broad connectivity for staying in touch, along with added protections for safer computing. All this, plus the quality, innovation and reliability you'd expect from Toshiba.

# Tough as it gets.

*Need a notebook that is as tough as your job?  
Howard has it!*

Choose Microsoft® certified semi-rugged, and fully rugged notebooks for maximum performance in challenging environments. Panasonic Toughbook® mobile computers are designed to handle almost any situation, from business-rugged computers that withstand bangs, bumps and spillage, to fully-rugged and the ultra-mobile, rugged Toughbook U1 that can survive extreme conditions, such as drops up to six feet, rain, oil, pressure, dust and extraordinary swings in temperature.



**Panasonic**  
ideas for life

## Panasonic Toughpad FZ-A1

*The tablet that dares to go where no tablet has gone before*

The first fully-ruggedized, fearless tablet powered by Android 4.0 combines high-encryption data and device security with the seamless connectivity and enterprise-grade technology businesses and government agencies require. Engineered to perform in any environment, the FZ-A1 remains the unscathed, undefeated champion of rugged tablets with the unmatched reliability and low maintenance that makes it the industry's flagship rugged mobile computer.

fully  
**RUGGED**

## Panasonic Toughbook C1

*Business rugged tablet PC*

- 3.2 lbs
- Intel® Core™ i5 vPro™ Processor
- 12.1" widescreen  
1280 x 800 WXGA LCD



business  
**RUGGED**

## Panasonic Toughbook U1 Essential

*The original in handheld mobility*

- MIL-STD-810G, 6' drop and IP65 certified
- Only 2.3 lbs including both hot-swappable twin batteries



ultra-mobile  
**RUGGED**

## Panasonic Toughbook 31

*Unrivaled ruggedness*

With drop shock protection and MIL-STD-810G and IP65 certification, it's the undisputed leader in the fully-rugged category.



fully  
**RUGGED**

## Panasonic Toughbook 52

*The ultimate in power and portability*

- 15.4" widescreen or 13.3" touchscreen LCD
- Magnesium alloy case with handle



semi  
**RUGGED**



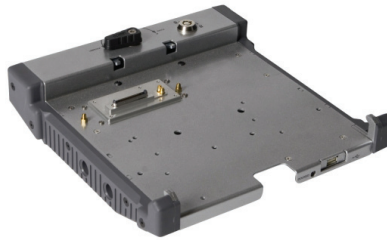
# Maximize mobile productivity.

Industry-leading computer mounting devices that hold many makes and models of laptops securely in place in your vehicle.



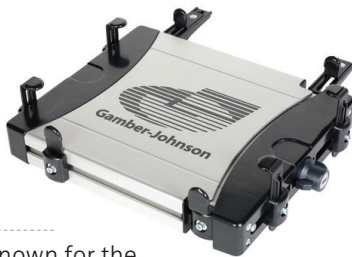
## Havis Mounting Solutions Productivity in motion

Anyone working in the Law Enforcement field knows that there is a lot of equipment required to help efficiently do their jobs. Let Havis products help to properly mount and store equipment and computers or keep prisoners & K-9's safe! Havis consoles and accessories are designed and manufactured with the driver in mind and are the first step in creating your mobile office.



## Gamber-Johnson Mounting Solutions Variety and modularity

Gamber-Johnson has been known for the modular design of our car, truck, van and SUV laptop desk mounting systems. Gamber-Johnson has the widest variety of in-stock laptop desk mount products, laptop desk car mount accessories and vehicle computing options in the industry to make configuring your laptop computer desk mounting system that much easier and faster.



## Lund Mounting Solutions Proven quality

Lund Industries, Inc. specializes in understanding vehicle equipment requirements and solutions for over 26 years. Lund provides your agency with informed solutions that are tested and proven; saving you time and money, while providing efficient, trouble free service from your vehicle equipment.



# Increase productivity.

Reinforce network security, reduce downtime, and increase overall productivity with server solutions from Howard. Choose pedestal or rack-mount configurations, with customizable performance options to suit your business needs.



## HOWARD™

**Howard I7-1008 Server**  
*Change the way you do business*

Howard's new i7-1008 server will change the way you do business! With support for up to two of the latest Xeon® 5500 series processors, and loaded with sophisticated features like Hyper-threading, turbo-boost and virtualization technologies, the i7-1008 can actually reduce your IT management expenses by running multiple applications and operating systems independently on a single server, and at speeds of up to 3.2GHz—that's fast! The i7-1008 offers an intelligent, energy-efficient platform that adapts to both application and user environments with ease—another solution from Howard™ that makes sense for your budget, staff and business.



Merit System

### THE Howard Advantage

Take a look below to learn more about the 3 category systems for Howard branded products.



Logic

Value priced systems, ideal for browsing the internet, emailing, or creating word documents.



Merit

Affordable systems for playing games, multi-media playback, or everyday business applications.



Choice

Enough power for any workload; high-performance upgrades, enhanced security, and long-life cycles.

## lenovo

**Lenovo Servers**  
*Powerful thinking*

Up to 60% faster than legacy servers, the latest generation of ThinkServers powers your line of business applications with ease.



## FUJITSU

**Fujitsu Servers**  
*Rock-solid reliability*

Fujitsu offers a complete range of servers designed to fill any role in today's business.



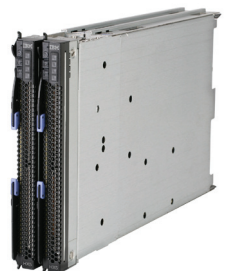
**HP Proliant Servers**  
*Affordable and functional*

HP expandable servers deliver decades of engineering and integration experience designed to speed the implementation of new business computing technology.



**IBM servers**  
*Outstanding performance*

IBM BladeCenter® blade servers support a wide selection of processor technologies and operating systems to allow clients to run all of their diverse workloads inside a single architecture.



# Increase storage efficiency.

Keep pace with storage demands while increasing storage efficiency.



## Exagrid Disk-based Backup Solution *Simple, Turnkey Appliances*

The ExaGrid system is a plug-and-play disk backup appliance that works with existing backup applications and enables faster and more reliable backups and restores. Customers report that backup time is reduced by 30 to 90 percent over traditional tape backup. ExaGrid's patented byte-level data deduplication technology reduces the amount of disk space needed by a range of 10:1 to as high as 50:1, or more, resulting in a cost that's comparable to traditional tape-based backup.



## Spectra Logic Solutions *Continuous data growth*

Spectra Logic's archive and backup data storage tape products support all aspects of secondary storage, are compatible with every major tape and disk format, and supply integrated encryption and key management options through the intuitive BlueScale® 10 interface.



## VMware Virtualization *Transforming virtualization*

VMware delivers powerful, proven virtual infrastructure solutions that enable state and local governments, federal government agencies and military installations to increase the efficiency and cost-effectiveness of their IT operations.



## HP Storage Systems *Maximize scalability*

Industry-leading network storage products and solutions for your enterprise.

Maximum scalability, industry-leading performance, a fully integrated suite of centralized management tools.



## The most powerful wi-fi solution in the industry

The Xirrus Wi-Fi Array is the most powerful Wi-Fi solution in the industry with enough capacity and performance to replace switched Ethernet to the desktop—ideal for offices, cubicles, conference rooms, auditoriums, campuses, warehouses, remote users, emergency response, etc.



- *Delivers 4x more coverage than traditional APs*
- *Supports 100's of users per device*
- *Up to 8X the bandwidth and 14X the throughput of traditional APs*
- *Multiple tunable radios, automatic channel, cell, interference, and load optimization of the RF environment*
- *Integrated Wi-Fi Firewall, integrated spectrum analyzer, and dedicated Wi-Fi Threat Sensor, and rogue AP blocking*
- *Resiliency at the radio, Array, uplink, backhaul and power level*
- *Line rate encryption within the Array - no bottlenecks*
- *Modular design and flash upgradeable allows for quick field upgrades*
- *75% less devices, cabling, switch ports, and installation time*
- *Security policies can be created for different types of users to control parameters such as time-of-day and day-of-the week access, QoS, and traffic limits*
- *Clients location can be mapped to building floorplans based on location of the client relative to the Array.*

# Software solutions for every business.



## Anti-Virus/Security

AVG, BitDefender, Checkpoint, Computer Associates, Kaspersky, McAfee, Novell, RSA, Panda, PGP, Red Condor, SonicWall, Sophos, St. Bernard, Symantec, Trend Micro, Websense, Webroot

## Backup/Recovery

Acronis, Corel, Double-Take, Diskeeper, Hewlett-Packard, IBM, RedHat, Symantec, Steel Eye, VMware

## Business Software

Adobe Systems, ACT, Acreso, Business Objects, CA, Corel, IBM, Intuit, Microsoft, My SQL, Novell, Oracle, SonicWALL, WebTrends

## Creative Graphics Software

Adobe Systems, Autodesk, Punch!, Corel, Microsoft, Quark

## Development Tools

Adobe Systems, CA, Corel, Datawatch, Filemaker, Embarcadero, Hewlett-Packard, Microsoft, Nuance Communications, Oracle, RedHat, Sybase

## Entertainment/Education

IBM, Microsoft, Nero, Roxio

## Internet/Communication

Blackberry/RIM, Corel, IBM, Ipswitch, Microsoft, Novell, Oracle, Symantec, Trend Micro, USA.NET

## Network Software

Attachmate, CA, Citrix Systems, Ericom Software, EMC<sup>2</sup>, Hewlett-Packard, Hummingbird, IBM, Ipswitch, Juniper Networks, McAfee, Microsoft, NetManage, Novell, Oracle, RedHat, RSA Security, SolarWinds, SonicWALL, Symantec, Trend Micro, VMware

## Office Applications

Adobe Systems, Corel, Filemaker, Hewlett-Packard, IBM, Microsoft, MindJET, Nuance Communications, Oracle, RedHat

## Operating Systems

Hewlett-Packard, IBM, Microsoft, Novell, RedHat, SCO, SonicWALL

## Software as a Service

Microsoft, Trend Micro, USA.NET

## Utilities

Acronis, Corel, Fujitsu, Hewlett-Packard, IBM, New Boundary, Novell, Nuance, Oracle, RedHat, ScanDisk, Trend Micro, VMware

## Virtualization

Citrix, Parallels, SCO, Virtuallron, Vizioncore, VMware



[www.howardcomputers.com/software](http://www.howardcomputers.com/software)



# Train, view, and capture.

Meet your management and training objectives, reduce travel time and expenses, and improve overall productivity with interactive solutions from Howard. Interactive technologies enable global flows of information that promote active learning, facilitate effective collaboration, and improve data-driven decision making. Regardless of the size of your organization or budget, or whether you spend your days in the boardroom or briefing room, we have the interactive solution that is right for you.



**MimioTeach & MimioView**  
*Mimio innovation makes it possible*

What if you didn't have to buy an interactive whiteboard to get an interactive whiteboard? With MimioTeach you can transform any whiteboard into an interactive whiteboard. The MimioView document camera is fully integrated with MimioStudio software and the MimioTeach system, making it easier than ever to capture images and present them in your training presentations.



**Mimio Interactive Whiteboards**

*Reliable performance - all day, every day*

If your training room is not already equipped with a standard whiteboard, Mimio Interactive Boards are the answer—an “all-in-one” interactive whiteboard with clear advantages over the competition. The Mimio Interactive Board is powered by Mimio Studio software, the easy-to-use, all-inclusive suite of tools and resources that will give you interactive training a positive edge.



**MimioCapture**

*Automatically save what you write*

The MimioCapture™ ink recording system is the perfect accessory to MimioTeach technology. It allows you to save whiteboard notes and drawings to your computer as you teach or train.



**MimioPad Wireless Tablet**

*Train on the move*

With a MimioPad™ wireless tablet, you can control your whiteboard from anywhere in your boardroom. It comes with a wireless USB receiver that communicates automatically with the MimioTeach system.



**Mimio Wireless**

*Go wireless for even greater convenience*

When your training room presents physical challenges, the Mimio Wireless option lets you operate your Mimio Interactive system without a USB cable.

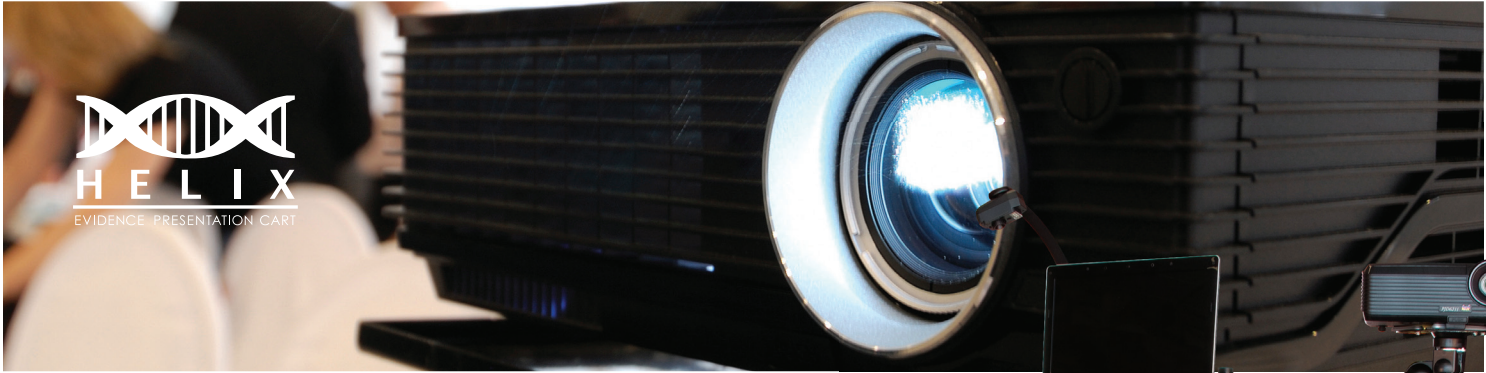


**MimioVote Assessment System**

*Maximize Participation*

- Get real-time results and eliminate manual test correction.
- Track progress, as well as scores tallied over time, through instant feedback.

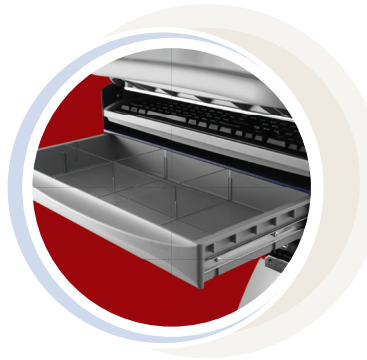




# Transforming boardroom presentations.

*Just as the double helix is the main constituent of DNA, the Helix evidence presentation cart will become the crux of courtroom presentations.*

What can you do with this cost-effective device? Ensure physical evidence, crime scene photos, and other computer-generated information are exhibited with infallible clarity. Display digitally stored charts, testimony, and graphics in a fast-flowing format using a variety of software. Locate disposition transcripts within seconds. Available in four convenient models, select the cart that best serves your technology needs. Your choice of a combination computer, projector, and document camera securely mounted onto a sturdy, highly ergonomic mobile base makes this a smart addition to the trial process. Who wins with the timesaving Helix? From judges and jury to counsel and onlookers, virtually all who enter the courtroom will benefit from this advancement in litigation.





# Keep your presentations smoother and your audiences closer.



## EPSON

**Epson BrightLink 485Wi Interactive WXGA 3 LCD Projector**  
*The ultimate solution in bright, interactive widescreen performance*

Make almost any wall — or even tabletop — interactive with the sleek and powerful BrightLink 485Wi projector. This high-performance, network-ready projector and interactive pens integrate interactive functionality into one machine without the constraints or expense of an interactive whiteboard. Annotate from any source — directly on projected images sent over the network or on content from DVD/Blu-ray® players and document cameras — without the use of a computer.

## BENQ

**BenQ Projectors**  
*Powerful brightness*

BenQ delivers nothing but the best projection quality as world's #1 DLP projector brand.



## ViewSonic®

*See the difference.*

**ViewSonic Projectors**  
*Brilliant Solutions*

ViewSonic leads the way in display technology innovation as a globally recognized leader in visual display technology.



## InFocus®

**InFocus Projectors**  
*Affordable and functional*

InFocus is the industry pioneer and a global leader in the visual communication market. Our digital displays make bright ideas brilliant everywhere people gather to communicate and collaborate -- in meetings, presentations, and offices around the world.



## Panasonic

*ideas for life*

**Panasonic Projectors**  
*Outstanding performance*

A wide-ranging lineup and flexible features ensure that Panasonic projectors satisfy a host of installation and operation needs.





# Mounting solutions for picture perfect presentations

Streamline your office, boardroom or training center and boost the visual impact of your presentations with custom mounting solutions! Choose from a wide variety of innovative mounts for TVs, LCD monitors, and projectors—stable, durable, and easy to install.



## FUSION™ Series Ceiling Mount

*Perfect positioning and flexible adjustments*

Great for digital signage installations, the new mounts offer perfect TV positioning and flexible adjustments. Features of the single ceiling mounts include continuous tilt ranges; easy on/off installation and service; tool-free latching flags to secure the display; optional padlock security; Centris technology to provide fingertip tilt between +5 and -20 degrees; and optimization for a wide range of display sizes up to 125 pounds (or 56.7 kg).



## RPMx Series

*RPA Elite Ceiling Projector Mount*

Focusing on speed of installation, these elite mounts are packed with easy-to-use features that save time and maximize projector security.



## WP2 Series

*Short Throw Projector Mount*

The WP2 Series provides ideal placement and alignment for mounting short throw projectors. Compatible with the RPA, Elite, RPA Mini and Elite Mini Series projector mounts. Also supports wall-mounted long-throw projectors.



Discover more brands!

Did you know? Howard carries the latest technology from these brands and more:

- BenQ
- HP
- JVC
- Mitsubishi
- Samsung
- Toshiba



**LG Cinema 3D**  
*LG's next generation 3D technology*

Ready to be blown away? LG Cinema 3D delivers Full HD 1080p picture quality with glorious color and deep black levels on games and beyond, along with advanced features, the revolutionary Magic Remote and an almost-frameless "Cinema Screen" design. LG Cinema 3D also affords a wide viewing angle so you can enjoy effective 3D from any spot on the couch.

**ViewSonic**  
*See the difference.*

**ViewSonic TV**  
**VT2215LED**

22" (21.5" Viewable) LED Premium HDTV Display Hospitality Performance in a Small Package



**ViewSonic**  
*See the difference.*

**ViewSonic TV**  
**VT2755LED**

27" Full 1080p Professional Display Feature Packed – HDTV Included



**Panasonic**  
 ideas for life

**Panasonic TV**  
**Smart Viera 55" Class E50**

- IPS Full HD LED Panel
- 360 Back Light Scan
- VIERA Remote App Support
- VIERA CONNECT, Wi-Fi Ready



**Panasonic**  
 ideas for life

**Panasonic TV**  
**Viera 32" Class X5**

- IPS LED Panel
- Media Player (SD and USB)
- 178° Viewing Angle



# Take complete control.

Consider how much time you spend changing the air conditioning, adjusting the lights, and prepping the audio/visual equipment before a meeting or presentation—there’s no doubt that using different, separate systems requires both time and effort. Thankfully, integrated control system technology streamlines the process and improves user experience. With a centralized control system you won’t waste time or distract your audience by walking around or using different programs to change settings for each of the different components of the system.



## PoleVault Systems

*Complete AV switching and control systems for ceiling mounted projectors*

Extron PoleVault® Systems are complete, easy-to-use AV switching and control systems designed for rooms with a ceiling mounted projector. PoleVault Systems use economical twisted pair cable for transmitting signals and include network connectivity for Web-based AV resource management, monitoring, and control. Extron PoleVault Systems take their name from the unique PMK 550 Pole Mount Kit that securely mounts and conceals system components above the projector.



## SP Controls Pixie Family

*Four figure control. Three figure price tag.*

Elegant and complete control system in an astonishingly trim form factor.



## Crestron Media Manager

*The network hub for your business*

From infrastructure to interfaces, Crestron offers the power of total integrated control and connectivity on a single platform throughout the entire facility.





# Deliver fresh, relevant information to a wider audience in seconds.



- 100% web-based (unlimited user access via a browser)
- Access from anywhere to anywhere
- Single content manager (fully scalable, allows growth over time)
- Popular Image, media formats, combine bulletins, audio, video, data feeds, flexible multi-window layouts (all in the comfort of your office)
- Better message recall
- Attractive, informative
- Easy, fast customization
- Target messaging – Desktop messenger, screensaver, RSS publisher, text messenger
- Conference room on-site manager – Allows you to schedule meetings right at the room sign.
- Revenue producer for your business



# Phone systems to power your business

*Connect visually. Collaborate over distance. Our solutions work the way you do.*



## VVX 1500

*The Polycom VVX 1500 unites advanced IP telephony, videoconferencing and business applications into a seamless communication experience*

Polycom VVX 1500 is a videoconference-enabled business media phone with a touch screen. It provides busy professionals with lifelike unified communications. It offers:

- A touch-based user interface that is easy-to-use
- Videoconferencing
- Simple and fast (one-touch) calls
- Access with a single touch to voice, video, and applications
- An open application platform—Apps-ready with API
- Flexibility and future-proofability—Designed for UC environments
- Productivity and personalization applications, including Polycom Productivity Suite, Polycom My Info Portal and a Digital Photo Frame



## SoundPoint IP 670

*The premium color IP desk phone for busy professionals*

The Polycom SoundPoint IP 670 is a six-line SIP desktop phone with color display that brings lifelike richness and voice quality to phone calls.



## VVX 600 Business Media Phone

*A premium Business Media phone for corporate executives and managers*

The VVX 600 business media phone delivers a best-in-class personal communications experience with an extensive list of easy-to-use features that complement the way you work.



# Document scanners for your digital life

## Discover more brands!

Did you know? Howard carries the latest technology from these brands and more:

- Brother
- Canon
- Epson
- HP
- Kodak
- Lexmark
- Panasonic
- VuPoint
- Xerox

Choose a ScanSnap scanner for your Mac, PC or network



### fi-6010N Network Scanner *A ScanSnap for the entire office*

The ScanSnap fi-6010N Network iScanner plugs right onto your network. Big buttons on the touch screen display scanning options. Touch one, and the paperwork you stack in the automatic document feeder automatically becomes a digital file sent directly to a designated folder, email, FTP, network fax or printer—anywhere on the network. You'll have fewer misplaced documents and a more efficient workflow.



### I ScanSnap *N1800 Network Scanner*

The ScanSnap N1800 network scanner contains all the qualities organizations of all sizes desire to improve business process.



### I ScanSnap *iX500 Network Scanner*

Equipped with a dual-core CPU-mounted "GI" processor, the iX500 is the next generation of desktop scanning.



### I ScanSnap *S1300i Portable Scanner*

At nearly half the size of a sheet of paper, the PC and Mac compatible ScanSnap S1300i is the smallest multi-page double-sided ScanSnap scanner for one-button ease of use at the desk or on the road.



### I ScanSnap *S1100 Mobile Scanner*

This featherweight champion packs quite a punch. The ScanSnap S1100 is our most mobile ScanSnap ever. It's weight (12.3 ounces) makes it feel almost non-existent in a carry-on, and it's dimensions let it fit practically anywhere.



# Print from anywhere.

*Ultra-rugged, compact, and high volume mobile printing options.*



## HP Portable Printers *Printer to go*

Print anytime, anywhere, from a variety of devices, with HP high-performance mobile printers. Enjoy the freedom of portable printers in compact sizes.



## OKI Portable Printers *The ultimate mobile printing solutions*

Compact, lightweight and rugged for easy on-demand printing.



## Brother Portable Printers *Space Saver*

Fast, ultra-lightweight full-page portable printing.



# Save money. Save the planet.

When you buy recycled ink from Howard.

Howard Technology Solutions offers a wide variety of brands of ink and toner cartridges to meet all your printing needs.



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## Intelligent remote monitoring and management backed by 24/7 IT.

Howard Technology Network Services has the resources to serve any size organization, ranging from small offices / home offices (SOHO) to enterprise-level corporations. Our network engineers are experienced in the latest network technologies and industry best practices to ensure you are provided with the most reliable and up-to-date products and solutions.

With Howard Technology Network Services, you will never receive a "one-size-fits-all" approach – all of our technologies and solutions are tailored to satisfy your individual business needs. Because we are an independent resource, you can be confident that you will receive honest and objective insight into industry-standard technologies and solutions, equipping you with the ability to find reliable and cost-effective solutions which best fit your networking needs – not a manufacturer's.

- **Discovery**

*HTS will meet with you, the customer; to discuss what your technology needs are.*

- **Planning**

*This phase includes a set of recommendations as to how to position yourself in the current technology trends.*

- **Implementation**

*HTS team has years of experience in implementation of networks ranging from small business to enterprise levels.*

- **Measurement**

*We stay in constant contact with you for months after the implementation to ensure that the solid product built meets and exceeds all expectations.*

## Installation services

Along with a wide range of audiovisual (AV) products, Howard also offers affordable turnkey AV solutions that include design, procurement, and installation services by a team of CVE and CTS industry-certified technicians.





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**STORAGE** - Flash/Memory Drives, Adapters, Cables, Enclosures, RAID Arrays, CD/DVD Removable Media, & other Accessories

**CONTRACTS** - Contract availability varies per state. Contact a sales representative for more information regarding your specific needs.



Whenever, wherever...

# Tacticomm is the solution for your command and control needs.

In the aftermath of a major disaster, whether natural or man-made, first responders must act quickly in establishing command presence, resource control, and communication interoperability. This capability is equally important for agencies tasked with maintaining public safety at large-scale events and organizations charged with a quick response to non-emergent incidents. That is where Tacticomm comes in.



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