

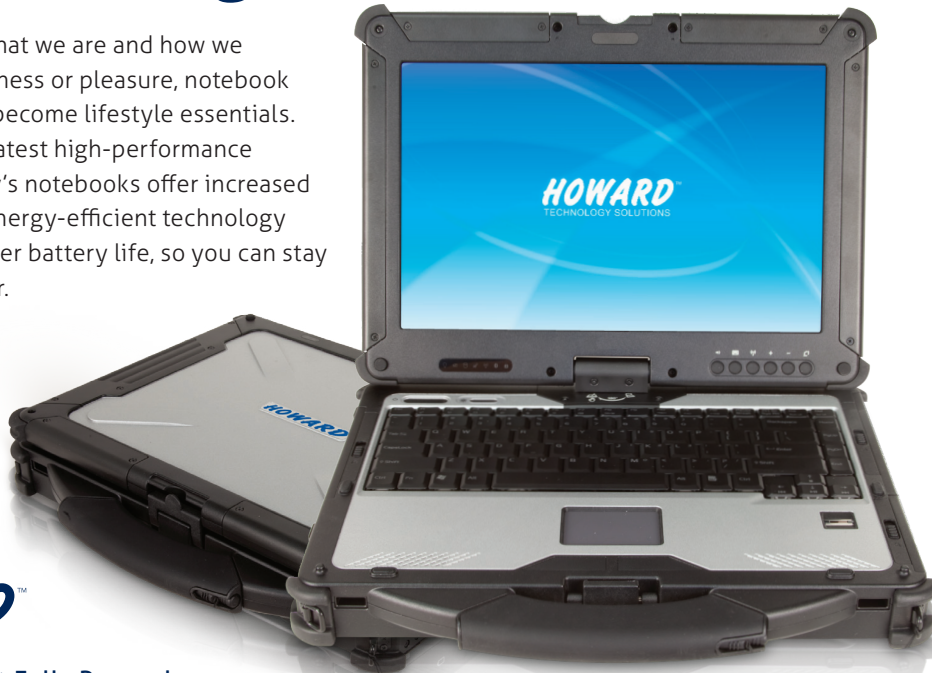
# HOWARD TECHNOLOGY SOLUTIONS

MOBILE PRODUCTS

**HOWARD**<sup>TM</sup>

# Tough as it gets.

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 JAG HF1 Fully Rugged *True value and high performance*

Engineered and tested to meet or exceed exacting military standards (MIL-STD-810G) for temperature extremes, humidity, vibration, shock, drops, and spills, the JAG HF1 is the ultimate mobile computing solution for any industry with high mobility requirements. It delivers amazing performance and maximum reliability in even the harshest environments. The JAG HF1 easily converts to a tablet PC; it includes a backlit, IP54-compliant keyboard for protection against dust, dirt, and sand, and has a 13.3" sunlight-readable screen that is viewable at any light level. This all-weather system is powered by Intel® Core™ 2 Duo processors and features high-speed wireless connectivity, integrated graphics, a webcam, DVDReWritable drive, smart card reader, and a fingerprint reader for added security. Tough job? Get it done with Howard's JAG HF1.



Choice Systems

### 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 HS5 *Semi-Rugged Mobile Laptop*

- Intel® Core 2 Duo processors
- 14.1" WXGA Display with Intel GMA 4500 Graphics Package



### Howard JAG HS6 *High performance, semi-rugged notebook*



**Panasonic**  
ideas for life



**Toughbook 19**  
*Fully-Rugged Laptop Convertible Tablet*

Fully-rugged, convertible tablet PC. 10.1" sunlight-viewable touch or dual touch LCD. Capable of up to 6000 nit in direct sunlight. Optional 4G LTE or 3G Gobi.



**Toughbook 31**  
*Powerful, Rugged and Wireless*

Fully-rugged MIL-STD-810G and IP65 certified. 13.1" 1200 nit LCD. Mobile broadband ready. Optional 3G Gobi™ or 4G LTE mobile broadband.



**Toughbook H2**  
*Handheld Tablet*

10.1" sunlight-viewable dual touch tablet PC. Up to 6000 nit in direct sunlight. Intel Core i5 processor. MIL-STD-810G & IP65. Optional 4G LTE or 3G Gobi.

Introducing the new  
**Toughbook H2**

Weighing only 3.0 lbs., the new Toughbook H2 is capable of withstanding up to a 30" drop.



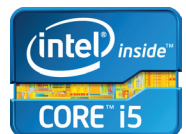
**Toughbook 52**  
*The Ultimate in Power and Portability*

Semi-rugged Desktop Alternative, 15.4" Widescreen, Mobile broadband ready with Gobi Technology.



**Toughbook 53**  
*Enhanced performance and versatility from the original semi-rugged laptop manufacturer*

Enhanced performance and versatility from the original semi-rugged laptop manufacturer. Mobile broadband ready with 4G LTE or 3G Gobi.





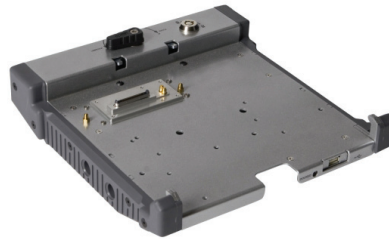
# Maximize mobile productivity.

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.



### Part #C-HDM-101

1995-2011 Ford Crown Victoria Heavy Duty Mount

- Heavy duty vehicle specific mounting base mount to existing OEM seat bolts
- Manufactured from 10 gauge steel
- Gusseted and welded design mounts independently of a console



### Part #C-HDM-102

2000-2012 Chevrolet Tahoe/  
GMC Yukon Heavy Duty Vehicle Mount

- Works in conjunction with Havis, inc. hump mount brackets
- Works with C-HDM-200 Series telescoping poles for easy installation (sold separately)



### Part #PKG-PSM-201

1995-2011 Ford Crown Victoria Premium

Premium PKG-PSM includes:

- Vehicle specific base plate
- Heavy-duty pole with height adjust handle
- swing arm motion device with tilt swivel and stability support arm



### Part #PKG-PSM-122

2004-2009 Dodge Durango Standard Passenger Side Mount Package

- Tilt/swivel motion devices enable 180° horizontal rotation for laptops and docking stations used to mount keyboards, laptop mounting plates, docking stations and more to the poles



**Part #IR-1002**

*IdleRight 2 - Vehicle Fuel Management System Control Module - New Generation*

- *New generation Idleright system is designed to reduce engine wear, greatly extending the service life of vehicles*
- *System is designed to reduce fuel consumption, greatly reducing operation expenses up to 80%*



**Part #PKG-CON-113**

*2008-2010 Dodge Charger Premium 20" Console Package*

- *24" vehicle specific console*
- *Internal mount cupholder*
- *Height adjustable armrest*
- *6" accessory box*
- *Packages are complete*



**Part #C-MD-102**

*Swing Arm with Motion Adapter*

- *180° horizontal rotation provides customized viewing angle*
- *Securely locks a dock or tray into place*
- *Slide out extension of up to 3.3"*



**Part #C-MD-107**

*Motion Device and Tilt/Swivel Mount*

- *Allows for easier operation when mounted to the typical high fire truck dash*
- *Securely locks a dock or tray into place*
- *Slide out extension of up to 6.00"*
- *Easy-adjust and quick-release handle also locks down the position of the laptop*



**Havis**  
Transport Solutions

Kwik-Kit® transport systems easily convert cargo and passenger vans into heavy-duty inmate transports while ensuring officer and passenger safety. Offered in four different lengths and one to four compartment options, these units not only help transport people but can also be used for evidence or storage.

Havis designs their units for officers and their canine partners with safety, comfort, visibility and space in mind. Their award winning units are available for sedans and for SUVs, these systems offer large side openings for improved K9 entry and exit as well as easier access for cleaning.



**Part # KK-S-119-06**  
*2007-2012 Sprinter Van 119" 3 Compartment Prisoner Transport Unit*



**Part # KK-K9-F7-K**  
*1998-2011 Ford Crown Victoria K9 Transport System*

# Print from anywhere.

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



**Brother Portable Printers**  
*Space Saver*

Print anytime, anywhere, from a variety of devices, with Brother 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.



**HP Portable Printers**  
*Printer to go*

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.



Visit us online at <http://www.howardcomputers.com/accessories/cartridges/> for more details.



# Unparalleled video capture and more.

Solid, reliable digital video systems for real-time event recording.



## Panasonic Toughbook Arbitrator 360 *Rugged mobile digital video system*

Introducing the groundbreaking Toughbook Arbitrator 360°-a rugged revolution in law enforcement video capture. The Toughbook® Arbitrator 360° is a rugged and durable mobile digital video system that can be used with or without a Toughbook computer. It is specifically engineered to excel in the demanding environments law enforcement personnel face every day. Built with legendary Toughbook reliability, this fully-integrated system offers unparalleled video capture (up to 360 degrees), storage, transfer and is designed to work with back-end software for seamless video management, including archiving and retrieving. Capture it all with the Toughbook Arbitrator 360°.



**CCR24PNA**  
*Wireless Mic Transmitter/  
Receiver/Charger Set*



**CN258IR-P**  
*Infrared 2nd Camera  
(rear facing)*



## 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.



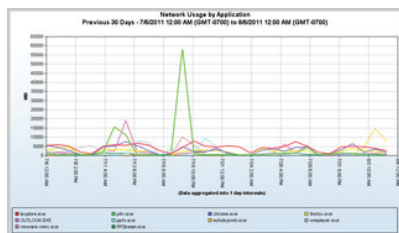
# Increase worker productivity.

Stay connected in real time with award winning Mobility XE. No restarting. No loss of data.



## NetMotion Wireless Mobility XE Anytime, Anywhere, Mobile VPN Software

Mobility XE is mobile VPN software that boosts the productivity of your workers in the field and gives your business the security and management you need for all of your mobile field mobile devices. Workers using Mobility XE are more productive because their work isn't interrupted by lost connections or by moving from one network to another. With Mobility XE, they don't have to continually stop what they're doing, reconnect with their VPN and re-start their applications, allowing them to focus on their jobs - not the wireless technology.



### Monitor and Control

*The info you need to make smarter decisions*

With Analytics, you get the insight and data you need to make informed decisions about your mobile deployment. You can monitor:

- Application use
- Data consumption
- Connection gaps
- Individual device status

| Name  | Date Modified                |
|---|------------------------------|
| Analysis Subsystem Rule Set                   | Mar 16, 2011 10:08:55 AM PST |
| Background Subsystem VPN                      | Mar 16, 2011 10:08:55 AM PST |
| Block QoS Rule Set                            | Jul 20, 2010 2:28:27 PM PST  |
| Block Local Rule Set                          | Mar 22, 2007 10:50:26 AM PST |
| Block all rule set                            | Jun 5, 2009 9:57:18 AM PST   |
| Block Internet Rule Set                       | Jan 5, 2008 2:44:22 PM PST   |
| Client and Shared Subsystem Rule Set          | Jan 6, 2011 5:25:22 PM PST   |
| IPsec test rule set                           | Apr 18, 2011 9:37:31 AM PST  |
| ES Local Networking Rule                      | Feb 27, 2007 9:18:46 AM PST  |
| ES Local Networking Rule - NEW                | Jan 14, 2008 5:37:26 PM PST  |
| ES Local Networking Rule with Single priority | May 20, 2009 10:59:26 AM PST |
| ES QoS test rule set                          | Aug 27, 2010 10:53:55 AM PST |
| jabber  | May 28, 2010 7:24:50 PM PST  |
| Jabber Mail Policies                          | Dec 29, 2009 11:18:11 AM PST |
| Julia Home Local Networking APN/DN            | Aug 17, 2010 9:27:41 AM PST  |
| Network QoS Subsystem                         | Jan 28, 2009 10:46:46 AM PST |
| Validation Office Rule Set for passivity      | Feb 9, 2011 4:05:01 PM PST   |
| None  | Jan 6, 2007 10:47:16 PM PST  |
| None  | Jan 6, 2007 10:47:16 PM PST  |

### Policy Management

*Giving IT Administrators Unprecedented Flexibility and Control*

Control WWAN costs, bandwidth usage and user experience according to your organization's security policies. Basic block, allow, disconnect or pass-through actions can be assigned to parameters such as network interface speed, network name, IP address, date and time, OS version, and application name.

For your mobile workers it's like having their desktop in the field. For your IT managers, it's like having extended control throughout the whole network.



# Be in a meeting, wherever you are.

Remote Desktop Appliances for Mobility, Productivity and Business Continuity



## DesktopDirect™ Remote Desktop Appliances

Access your desktop computer from your personal tablet, pc or smart phone

Available for all AG Remote Desktop Appliances, DesktopDirect is an innovative, secure remote desktop access solution that enables employees to seamlessly access physical and virtual office desktops from any location and from any device as if they were in the office.

- Rapidly and securely “mobilizes” all existing Windows and desktop-centric enterprise applications that workers need in order to be productive
- Users are always only three simple steps away from office desktops
- Full application availability without investing in additional licenses or duplicate environments
- Eliminates the possibility of data leakage because “data never leaves the corporate network”
- Reduces reliance on VPN for remote and mobile access; keeps devices off-the-network, thereby reducing cost, complexity and risk
- Extends physical and virtual desktops to any personal mobile device – keeping mobile devices off the corporate network and enabling freedom of choice



### Tablet Access & Bring Your Own Device

Array’s DesktopDirect is an innovative, remote desktop solution for tablet access and BYOD. Unlike VPNs, DesktopDirect enables workers to access physical and virtual office desktops from any location while keeping remote devices off the network. Whether users are at their home office, a customer or partner site or on an iPhone, iPad or Android device, they can work just as if they were sitting in the office without the risk of data leaving the network.



### Remote Desktop for BYOD

To launch a tablet remote desktop session from iPad or Android devices, users download a free application from an App Store, App Marketplace or similar to their corporate or personal tablet. From there, users launch the DesktopDirect application, log in using their single sign on credentials, and make a selection from their list of registered desktops.



# 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.



## 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 classroom. It comes with a wireless USB receiver that communicates automatically with the MimioTeach system.



## 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.



## Mimio Interactive Whiteboards

*Reliable performance - all day, every day*

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.



# Mobilize your workforce

With wireless data collection and barcode systems, printers, and more!



**Zebra MZ320 3"**  
*Direct Thermal Mobile Receipt Printer*

Get the benefits and value associated with Zebra with MZ 320 economical receipt printers. Each tiny MZ printer can be a smart assistant for mobile receipt printing applications where you need quick, simple receipts on demand. Use 802.11b/g or Bluetooth® to connect to a handheld or smart phone device and produce crisp, clear receipts! These unobtrusive printers weigh  $\frac{3}{4}$  of a pound, so they can be worn comfortably for a full shift without interfering with the user's tasks. Stylish and compact, they're ideal for customer-facing applications where an industrial-looking printer just won't do. Its features and functions are intuitive and easy to operate as well. And because it's a Zebra, there's no compromise in reliability when you choose an MZ 320 entry-level printer.



**Honeywell**

**4810LR**  
*Compact Area-Imaging Scanner*

TraCS compatible scanner which reads 2D bar codes on driver's licenses and registrations and captures images and signatures. Ideal for e-citation applications, accident reporting and electronic ticketing applications



**Honeywell**

**Dolphin® 6500**  
*Hand Held Mobile Computer*

Honeywell's Dolphin® 6500 is a lightweight and versatile mobile computer that provides advanced data collection and real-time wireless communication for in-premise applications in retail, grocery and light-industrial supply chain environments.



## Stay fully connected.

Stay fully connected in any emergency situation, and in any environment, with *Howard's Modular Emergency Response & Logistics Instrument, MERLIN*. **MERLIN** features industry-leading, mission-critical communications devices securely mounted inside a weatherproof, impact resistant, and fully transportable case—the strongest on the market.



# Discover the Howard Advantage!



Strategic partnerships with other industry leaders enable us to offer a rich portfolio of over 250,000 technology products ranging from desktops, notebooks, and rugged laptops that can handle the most extreme mobile environments to digital cameras, printers, and a powerful array of network security tools to ensure that your system is fully protected. We also offer specialized mobility solutions that include our automatic vehicle locator (AVL) and Tacticomm, our modular emergency response vehicle.

facebook

Find Howard on Facebook.

[facebook.com/howardtechnology](https://www.facebook.com/howardtechnology)



twitter

Follow us on Twitter.

Keep up with the latest exclusive offerings from Howard.

## Howard Technology Solutions Products & Services

### A. COMPUTING SOLUTIONS

Desktops - Howard, Lenovo, and HP

Notebooks & Tablets - Howard, Lenovo, HP, Fujitsu, Panasonic, & Toshiba

Software Solutions - Adobe, Quark, Symantec, Bakbone, Bomgar, Commvault, Faronics, McAfee, & Microsoft

### B. MOBILE & OFFICE SOLUTIONS

Rugged & Semi-Rugged Solutions - Panasonic

Mounting Solutions - Havis, Gamber-Johnson, & Lund

Portable Printers - HP, OKI, & Brother

Scanners - Honeywell, Zebra, & Eseek

Video Solutions - Panasonic (Arbitrator)

Software Solutions - Net Motion

Backup Solutions - Exagrid, Spectra Logic, VMware, & HP

Servers - Howard, Lenovo, Fujitsu, HP, & IBM

Switches & Wireless Access Points - Enterasys, Proxim Wireless, Cisco, & Xirrus

Mobile Presentation Carts - Howard Helix

Disaster Recovery Solutions - Howard Merlin

Mobile Communication Solutions - Howard Tacticomm

AVL - Fleet Management

### C. NETWORKING/INFRASTRUCTURE SOLUTIONS

Interactive Solutions - Mimio

Projectors - Epson, Viewsonic, InFocus, Sanyo, Panasonic, & Christie

Projection Screens - Da-Lite

Document Cameras - Elmo, AverMedia, Qomo, Lumens, WolfVision, & Samsung

Audio Solutions - Howard, Frontrow, Panasonic, & Califone

Control Systems - SP Controls, Extron, & Crestron

Video Conferencing - Polycom & LifeSize

Video Streaming Solutions - VBrick

Mounts - Chief

Digital Signage - Viewsonic & NEC

Cables - Cable To Go & Tripp Lite

Furniture - Spectrum Industries

### D. INSTALLATION & INTEGRATION SERVICES

Managed Services - Network Consulting

Installation Services - Audio Visual & Computing plus Wireless & Cabling

Programming Services - Control Systems & Video Conferencing

Support Services - OnCall, HTPP, Technology Management, & Custom Imaging

Training - Instructional Technologies & Curriculum Training

Physical Security & Video Surveillance Services - Cisco

# HOWARD™

888.912.3151