

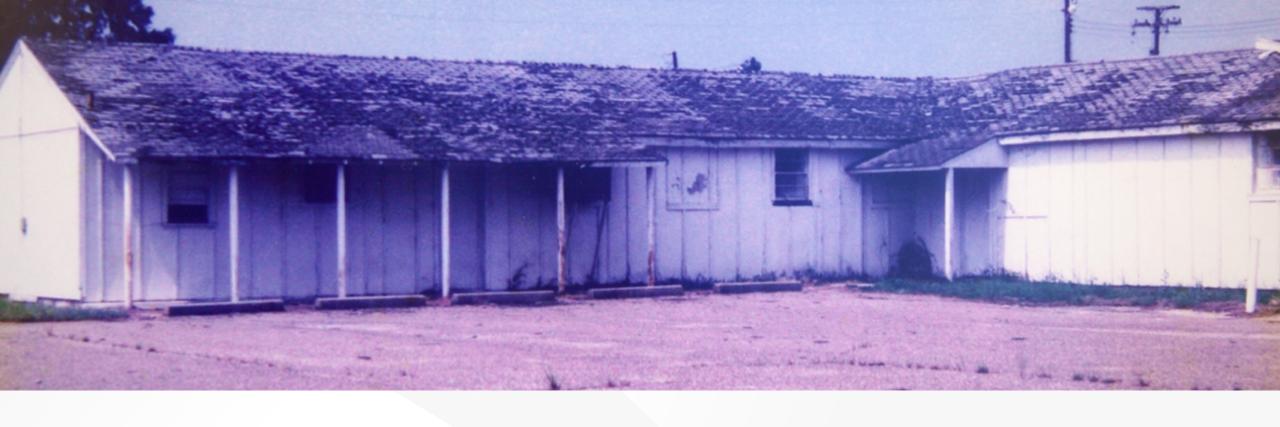
Presented by **HOWARD**™



[HI] CORPORATE HISTORY

In 1968, a young Billy W. Howard Sr. left his successful career at General Electric to return to his native Mississippi and create his own company -**Howard Industries.**

Over the next five decades and with the assistance of his wife, Linda, Howard Industries has grown to become a billion dollar company consisting of four separate divisions and a wholly-owned subsidiary, Howard Transportation.



HI THE FIRST HOWARD BUILDING

Established 1968 | Located in Laurel, Mississippi

[HI] CORPORATE FACILITIES





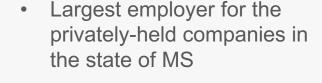
Laurel Transformer Facility







Ellisville Transportation Facility







Sandersville Ballast Facility





Mendenhall HID Facility



HI CORPORATE HEADQUARTERS

Our Corporate Headquarters, in Ellisville Mississippi, is a 5-Story structure wrapped in two tones of blue glass which includes:

- 60,000 ft² of office space
- 72,000 ft² manufacturing plant for technology products

RECENTLY COMPLETED EXPANSION



- Newly Expanded Production Facility
- Completed in September 2018
- New Total Production Facility Floor Space: 112,000 sq. ft.

OUR IMPACT ON MISSISSIPPI



- Howard has approximately 4000 employees.
- Across all verticals, we have 200+ sales teams.
- Our employees' annual payroll is over \$135 million.
- Between Howard Industries and our employees, we pay over
 \$50 million in taxes every year.
- We've invested over \$261 million in Mississippi and purchase approximately \$75 million of materials from Mississippi companies annually.
- According to the Mississippi Economic Authority, our total impact on our state is \$460 million each year.

HI PLANS FOR FUTURE GROWTH



Headquarters Expansion to include additional Office Towers (I and II)

HI HOWARD POWER SOLUTIONS



- Established 1969 Located in Laurel, Mississippi
- Largest single transformer manufacturing facility in the world over 2 million ft² (2,500,000 sq. ft.)
- Transformer division is the #1 producer of oil-filled distribution transformers in the United States.
- Manufacturer of Distribution, Small Power and Medium Power Transformers; Voltage Regulators, Components and Metal Enclosures





Established 1983 | Located in Ellisville, Mississippi

Howard Transportation operates a full-load, long haul, flatbed common carrier truck line and brokerage operation with over 200 trucks, transporting commodities and industrial goods throughout the continental United States.





Established 1994 | Located in Sandersville, Mississippi

Howard Lighting designs and manufactures safe, energy efficient lighting that includes a full line of high-quality, fluorescent and HID ballasts, fixtures, and lamps. Howard is committed to a brighter future.

CORPORATE DIVISIONS



Howard Power Solutions is the nation's leading producer of distribution transformers. Howard Power Solutions also produces medium-power transformers, substation transformers, voltage regulators, junction enclosures, pad-mounted sectionalizing equipment, dry-type transformers, and OEM transformer components.



Howard Transportation is a whollyowned subsidiary of Howard Industries that operates a fleet of 200+ trucks that transport goods throughout the U.S. as a long-haul, flat-bed common carrier truck line and brokerage operation.



Howard Lighting Products offers lamps, ballasts, and fixtures, including linear fluorescent, compact fluorescent, high intensity discharge (HID), and halogen lamps as well as electronic and magnetic fluorescent, and magnetic HID ballasts. In addition, Howard Lighting also offers a wide array of HID fixtures.

HI CORPORATE DIVISIONS



Our corporate headquarters is also home to our technology division, Howard Technology Solutions. This division brings to market cutting-edge technology that includes audiovisual and instructional solutions, network security and storage solutions, as well as installation, consulting, and design services. From distance learning and interactive classroom products to point-of-care medical carts and specialized mobility solutions, we make great technology available, and we make it affordable.

- **HOWARD Education**
- **HOWARD Medical**
- **HOWARD Business**
- **HOWARD Government**
- **HOWARD** Interactive

THE ONE-STOP-SHOP



Computing Solutions



Audiovisual Solutions



Network Solutions



Virtualization Solutions



Physical Security



Kiosks and Digital Signage



Software Solutions



Professional Services



Everyday Accessories



Professional Development



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Desktops • eSPORTS • Klosks • Lighting Notebooks • Servers • Tablets • Workstations



□ A | COMPUTING SOLUTIONS

1. ACCESSORIES: Belkin, C2G, CaseLogic, Kensington & Targus 2. ANTIVIRUS: AVG, BitDefender, Carbon Black, Cylance, GoGuardian, Kaspersky Lab, MalwareBytes, McAfee, Palo Alto, Panda Security, Sophos, Symantec, Total Defense & Trend Micro

3. ASSET MANAGEMENT: Absolute, Asset Panda, Hayes & Symantec 4. DESKTOPS: HOWARD, Acer, Dell, HP & Lenovo 5. MOBILE DEVICE MANAGEMENT: Alrwatch, Filewaye, GoGuardian

Lightspeed Systems & Security 6. MOBILE PRESENTATION & CHARGING STATIONS: Anywhere Cart, Aver,

Blackbox, Bretford, Copernicus, Datamation, Earthwalk, Frontron. Kwikboost, LocknCharge, Luxor, MooreCo, PowerGistics & Spectrum 7. NOTEBOOKS & TABLETS: HOWARD, Acer, Asus, Dell, Fujitsu, HP, Lenovo, Microsoft, Samsung & Toshiba

8. PRINTERS (2D & 3D): 3D Systems, Brother, Craftunique, HP, Kyocera, Lexmark, Makerbot, OKI & Xerox

9 DEELIDRS: Charge Carts Computers Document Cameras Monitors Notebooks, Servers, Storage & Tablets

10. VR: Asus, Epson, HP, Lenovo, Oculus, Samsung & Vive

B | AUDIOVISUAL + INSTRUCTIONAL SOLUTIONS

1. AUDIO SOLUTIONS: AMX, Audio Enhancement, Crestron, Elmo, Extron, Lightspeed & Shure

2. BROADCASTING & STREAMING: Panasonic, NewTek, Sony & Vaddio 3. CABLES: C2G, Comprehensive, Crestron, Liberty AV Solutions, MonoPrice

& West Penn Wire 4. CONTROL SYSTEMS: AMX, Crestron, Extron, FrontRow, Kramer & SP Controls 5 DOCUMENT CAMERAS: Aver Roylight Flmo Foson HoverCam & Lumens

6. FURNITURE: AVFI, CEF, Middle Atlantic, MooreCo, Spectrum, & Worthington 7. INTERACTIVE CLASSROOM SOLUTIONS: BenQ, Boxlight, Epson, Interactive Projectors 1 ii NEC Como Samsung SMADT & WizeEloor

8. INTERACTIVE DISPLAYS: Aver, BenQ, Boxlight, Cleartouch, HoverCam, Newline, Promethean, Qomo, Ricoh, Sharp, Viewsonic & Wacom 9. INTERCOMS, BELLS & PAGING SYSTEMS: AtlasIED, Audio Enhancement.

Extron, Harman & Valcom 10. LECTURE CAPTURE: Audio Enhancement, Crestron, Discover Video, Extron, Lumens & VBrick

11. MIXERS & MICROPHONES: AKG, Allen & Heath, Shure & Soundcraft 12. MONITORS & DISPLAYS: LG, NEC, Panasonic, Planar, Samsung, Sharp,

13. MOUNTS: Chief, Peerless AV & Premier Mounts

14. PROJECTORS: BenQ, Boxlight, Casio, Christie, Epson, Infocus, NEC, Panasonic Sony & Viewsonic

15. PROJECTOR SCREENS: Da-Lite & Draper 16, SPEAKERS & AMPS; Audio Enhancement, Crestron, Crown, Danley,

Extron, JBL, Lab Gruppen, Renkus-Heinz & Tannov 17. VIDEO CAMERAS: Audio Enhancement, Aver, Axis, Hitachi, Panasonic,

18. VIDEO CONFERENCING: Cisco, Crestron, Lifesize, MashMe.io, Mersive,

Poly, ScreenBeam & Zoom

20. WIRELESS INTERACTIVE PADS: Boxlight, Elmo & Gomo

C | NETWORKING INFRASTRUCTURE SOLUTIONS 1. BACKUP & REPLICATION: Arcserve, Barracuda, CommVault, Cybernetics, ExaGrid, HPE, Quest, Rubrik, Spectra Logic, Unitrends, Veeam, VMware & Zerto

3. CONTENT FILTERING: Barracuda, ContentKeeper, ESET, FamilyZone, Fortinet, IBoss, Lightspeed Systems, Palo Alto & Securiy

5. COOLING, LAN STORAGE & POWER PROTECTION PRODUCTS: Ametek, APC, CyberPower, Eaton, Orion, Schneider Electric & Tripp Lite 6. DISASTER RECOVERY PRODUCTS: HOWARD, Arcserve, Dell EMC, Veeam

& VMware 7. EMAIL ARCHIVING SOLUTIONS: Arcserve, Barracuda & Data443 8. HYPERCONVERGED: Arcserve, Dell EMC, HPE, HVE, NetApp & Nutanix

9 NETWORK ACCESS CONTROL: Extreme Fortingt & Onswat 10. NETWORK INFRASTRUCTURE: Broadcom, Cisco, Commscope Ruckus,

11. SECURITY SOLUTIONS: Barracuda, BitDefender, Carbon Black, CheckPoint, Fortinet, Juniper, McAfee, Panda Security, Radware, Sophos, Symantec

12. SERVERS: HOWARD, Dell, Fulltsu, HPE, HVE, IBM & Lenovo 13. STORAGE: HOWARD, Arcserve, Buffalo, Dell EMC, HVE, Overland Tandberg

14. VOIP: Alcatel-Lucent, Cisco, Digium, Fortinet, Mitel, Poly, Version3, Vertical

& Zuitys 15. WIRELESS: Arista, Aruba, Cisco Meraki, Commscope Ruckus, Cradlepoint, Extreme, Fortinet, HP, Kaleet, NetGear, Riverbed & Ubiquiti

1. BACKUP & DATA RECOVERY: Arcserve, Barracuda, Nakivo, Unitrends,

2 CLOUD: Arcserve, AWS, Green Cloud Defense & Microsoft

3. DESKTOP VIRTUALIZATION: Citrix, HVE, NComputing & VMware 4. SERVER VIRTUALIZATION: Citrix, HVE, Microsoft, Overland Tandberg

5, SERVERS: HOWARD, Dell, HPE, HVE, Lenovo & Nutanix

7. STORAGE: HOWARD, Arcserve, Dell EMC, HPE, HVE, Lenovo, Overland, QNAP

8. VDI: Citrix, Dell, HVE, Inuvika, LG, NComputing & VMware

1. ACCESS CONTROL: 3xLogic, Axis, Brivo, I-Pro, Paxton, Salto & Verkada

2. ACTIVE SHOOTER: AmberBox, A.S.R.S., Athena Security, Crotega, & ZeroEyes

ION: Bulletsafe, Getac & I-Pro

5, CLOUD: 3xLogic, Brivo & Verkada

Sony & ViewSonic

GEMENT: IPVideo Corp. & Verkada

LAYS: Avue, Bosch, LG, NEC, Panasonic, Planar, Samsung, Sharp,

OTIFICATION: Audio Enhancement, Lynx, SafeKard

8 ENCODEDS: Avis & I-Pro





HOWARD biz/gov 36 Howard Drive | Ellisville, MS 39437 | 888.912.3151 | www.howard.com TURN FOR MORE SOLUTIONS







Computing Solutions

- Accessories
 Antivirus
 Asset Management
 Desktops
 MDM
- Mobile Presentation and Charging Stations
 Notebooks
 Printers (2D & 3D)
 Refurbs
 Tablets
 VR



Audiovisual Solutions

- Audio Solutions
 Broadcasting and Streaming
 Cables
 Control Systems
 Document Cameras
 Furniture
- Interactive Classroom Solutions Interactive Displays Intercoms, Bells and Paging Systems
- Lecture Capture Mixers and Microphones Monitors and Displays Mounts Projectors
- Projector Screens
 Speakers and Amps
 Video Cameras
 Video Conferencing
 Webcasting
- Wireless Interactive Pads



Network Solutions

- Backup and Replication
 Bandwidth Management Solutions
 Content Filtering
 Continuity Solutions
- Cooling, LAN Storage and Power Protection
 Disaster Recovery Products
 Email Archiving Solutions
- Hyperconverged
 Network Access Control
 Network Infrastructure
 Security Solutions
 Servers
 Storage
- VOIP Wireless



Virtualization Solutions

- Backup and Data Recovery
 Cloud
 Desktop Virtualization
 Server Virtualization
- Software-Defined Storage
 Storage



Physical Security

- · Access Control · Active Shooter · Behavior Management · Body Protection · Cloud · Displays
- Emergency Alert Notification Encoders Guard Services Equipment Intercoms Lighting
- Mobile Security Mounting Perimeter Security Storage Supporting Infrastructure Video Management
- Video Surveillance
 Visitor Management



Kiosks and Digital Signage

- Content Management Software
 Digital Outdoor Signs and Scoreboards
 Indoor Kiosks
- Large Format Displays
 Media Players
 Mounts and Mounting Brackets
 Outdoor Kiosks
- Self-Serve Pickup Lockers
 Tabletop Kiosks
 Telemedicine Kiosks
 Through-the-Wall Kiosks
- Wayfinding Kiosks



Software Solutions

- Antivirus
 Backup, Recovery and Utility
 Chromebook-Enabling Software
 Content Creation
- Creativity, Design and Page Layout
 Data Analytics
 IT and Network Management
 Network Security
- Print Management
 Programming and Web Development
 Virtualization and Storage



Professional Services

- Consulting Installation and Design Services Managed Services
- Physical Security and Video Surveillance Services Professional Development/Training
- Programming Services
 Support Services



Everyday Accessories

- Bags and Cases Hardware Headphones and Headsets Networking Office Supplies
- Printing Consumables



Professional Development

- FUSION has been created with the goal of working with and empowering educators to harness the use of technology so they can foster a classroom environment that engages and ignites learning.
- Audio Enhancement Coding MobileMind STEMFuse



eSPORTS Solutions

- Gaming Desktops Gaming Furniture Gaming Headsets Gaming Keyboards Gaming Laptops
- Gaming Mice Gaming Monitors Graphic Cards



Infection Control

- Cleaning Supplies and PPE Equipment
 Custom Protective Acrylic Shields
- Electrostatic Disinfectant Sprayers Hand Sanitizer Stations Sanitizable Technology
- Temperature Sensing Kiosks
 UVC Sanitizing Solutions



KIOSK SOLUTIONS

Kiosks minimize staffing requirements, reduce operating and transaction costs while increasing sales/revenue, foot traffic and efficiency; manage peak traffic flow, add off-hours convenience, and enhance the overall consumer experience.

- Bill Pay
- Body Cams
- Digital Signage
- E-Citation

- Telemedicine
- Temperature Detection
- Ticketing
- Wayfinding



HEALTHCARE MOBILITY SOLUTIONS

Mobile Point-of-Care Solutions

HI-Care, HI-Core and HI-Swift

Med Dispense Solutions

HI-Paradigm, HI-Pinnacle, Med-Hub, Transfer Cart and MedServe Cabinets

Fixed Solutions

Arms and Cabinets



TELEHEALTH SOLUTIONS

Mobile Solutions

Tele-Care, Tele-Core and HI-Rise

Wall Mounted Solutions

Telehealth Cabinet

Kit Solutions

Rugged Telemedicine Kits and Soft Telemedicine Kits

Kiosk Solutions

Telehealth Kiosks



HOWARD COMPUTING SOLUTIONS

Desktops | All-in-Ones | Notebooks | Tablets | Servers | Storage



INFECTION CONTROL SOLUTIONS

Howard Temp Detection Kiosks

The Howard Temp Detection Kiosks with facial recognition and contactless features help to keep your environment infection free.

Cleaning Protocol Solutions

Significantly limit the spread of viruses with protective gear, as well as effective antimicrobial and germicidal agents from Howard.

Howard Acrylic Health Shields

Howard Health Shields act as protective barriers, shielding employees and customers from the spread of airborne pathogens.



SHOP BY CONTRACT

Howard is dedicated to ensuring that our customers are equipped with the IT products and services they need to succeed in today's digital environment. No matter the type, size, or location of your organization, Howard has the customizable technology solutions that will meet or exceed any specifications required to bring your facility up to 21st Century standards, and most of these are available on state or federal contracts, such as:



















From design services, network consulting, programming, cabling, and audiovisual solutions to management services that range from routine system maintenance to complete IT outsourcing, Howard can provide the level of support you need at a price that is right for your Institution's budget.

- Audiovisual Services
- Cabling
- Cloud Services
- Consulting
- Contractor's Licensing (per state)
- Design Services
- Installation Services
- Managed Services
- Networking Services (wired/wireless)

- · Onsite Technicians and IT Outsourcing
- Physical Security and Video Surveillance
- Programming Services
- Storage
- Support Services
- Training and Professional Services
- Virtualization Services
- VOIP
- Website Development and Management



PROFESSIONAL SERVICES JOBS COMPLETED Data Range 2019-2021

Туре	2019	2020	2021
AV	741	787	968
NT	92	129	114
SEC	36	42	49
TOTAL	2,888	2,978	3,152



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