MERCURY

PUBLIC SAFETY CONSOLES

watson
DISPATCH

MERCURY

In communication centers, responsiveness means effectiveness. By combining sophisticated technology, modular adaptability and climate control, Mercury does more than keep pace; it anticipated what's around the corner.

WHY MERCURY

After years of research inside communications centers, Watson has redefined technology-driven console design. We collaborated with front-line dispatchers, IT professionals, facility managers, public safety architects and consultants to experience first-hand what they saw, heard and felt during an average shift. Then we got busy designing a three-sided, three-dimensional station that works as hard as they do. The tri-linear Mercury cockpit is built to align with the present and the future of dispatch technology.

THE CORNER GETS CROWDED

Ultra-deep 90-degree corner consoles suited a bygone era when back-heavy monitors gobbled up the bulk of desktop real estate and users were crammed into the remaining space, typically facing away from their co-workers.

The Evolution of Dispatch Console Design

1998
Boxy computer equipment required deep triangular worksurfaces, with limited size input platform and corner space behind monitors created dead zones
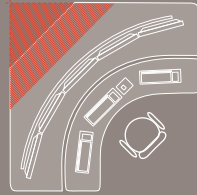
2005
As digital technology became the standard and monitors shrunk, a significant portion of the worksurface became a 'dead zone' for collecting dust and redundant cabling.
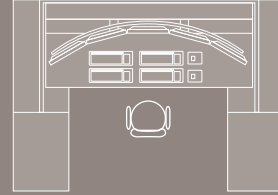
MERCURY
Today, Mercury reclaims the unused surface area to create a spacious user pocket with adjacent storage and open sight lines throughout the facility.

MERCURY FITS

Dispatch centers with updated technology need updated furniture that adapts as industry trends evolve. Mercury's linear layout opens things up to enhance productivity, increase usable space and connect people with process.

Adaptable and Efficient

Mercury's flexible planning language emerged from a detailed survey of nearly 6,000 floor plans from dispatch centers around the world. From intimate to expansive configurations, Mercury consistently delivers performance and comfort to respond to the distinct demands of each installation.
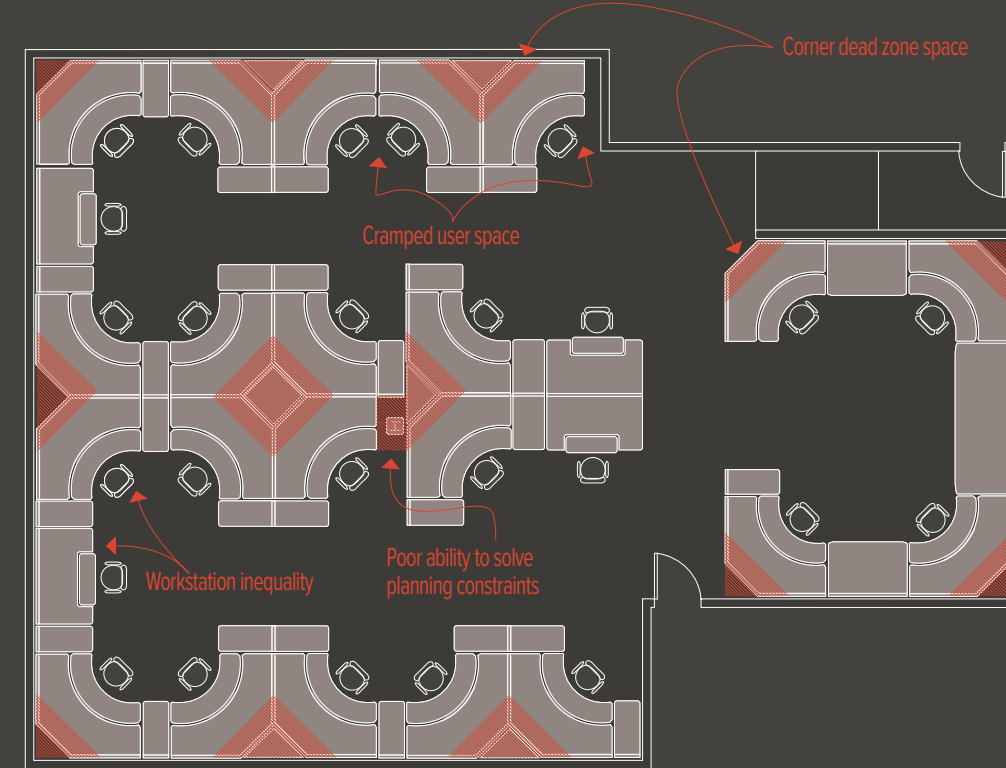
Compact Spine Configuration

In large communication centers, efficiency is key. For these installations, Mercury configures linearly with outboard technology placement and personal storage stackers.

Bullpen Configuration

Four-person arrangements give people the room they need to accomplish independent tasks and the layout they need to achieve collaborative goals.
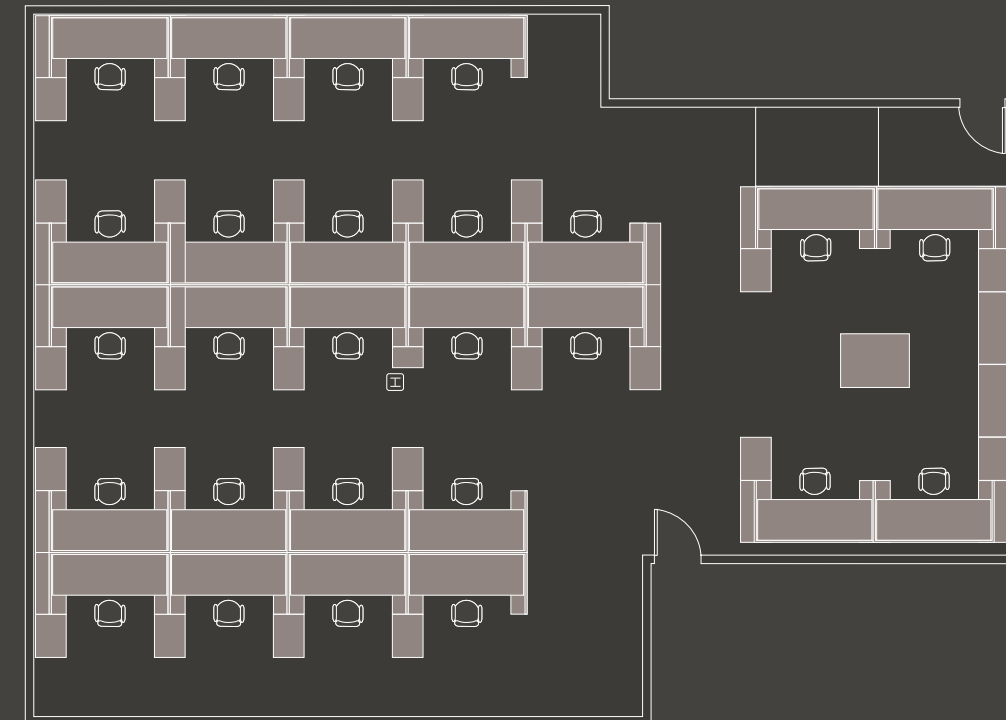
CORNER CONSOLE PLANNING

Corner dead zone space

Cramped user space

Workstation inequality

Poor ability to solve planning constraints

CHALLENGES OF A CORNER LAYOUT
- Inequality in workstation size and amenities
- Poor supervisor sightlines
- Inefficient space utilization

MERCURY TRI-LINEAR COCKPIT PLANNING

ADVANTAGES OF UNIFORM LAYOUTS
- Open sightlines
- Equality from position to position
- Increased user workspace

View more Mercury configurations at watsondispatch.com/resources

Worksurface
power-adjusts
vertically

Worksurface
adjusts horizontally

Monitor array
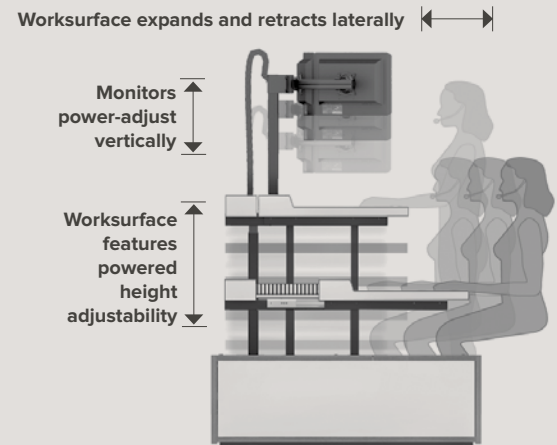power-adjusts vertically

Flexible LED
reading lights

LED ambient
lights

Two-speed
cooling fans

Forced-air
heating

WELLNESS AT WORK

At Watson, we believe that ergonomics go way beyond comfort. Mercury's patented dynamic ergonomic system aids in countering the physical demands of grueling shifts by allowing employees a broad range of sit-to-stand positions throughout their shifts. Fast, easy adjustments to the vertical and horizontal positions of the workstation and monitors allow dispatchers to customize their stations to match their unique preferences. Workers can transition from sitting to standing; worksurfaces can move to change focal distance; monitors can shift to achieve maximum visual acuity. The result is a personalized work area that accommodates the precise anatomical profile of each user and enhances employee satisfaction.

Worksurface expands and retracts laterally

Monitors
power-adjust
vertically

Worksurface
features
powered
height
adjustability

IN THE DRIVER'S SEAT

Everything a dispatcher needs to remain productive and comfortable is within arm's reach on Mercury's dashboard. Easy-to-use controls and tech bays housing up to 20 connection points are accessible to the left and right, each placed in intuitive locations to keep workers organized. Phones, keyboards, mice and other peripherals line up neatly, while excess cables and terminals are concealed under hinged access covers. Even LED reading lights were selected for having no glare, creating no interference with equipment and putting light where it's needed. With Mercury, everything has its place.
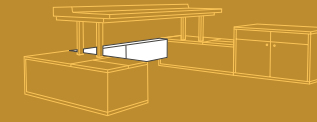
**ENERGY CONSCIOUS
ELECTRONICS**

- LED reading lights
- LED ambient lights
- Low-voltage cooling fans
- Forced-air heating draws
  only 400 watts
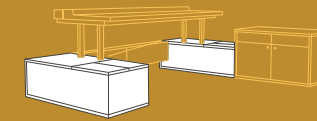
HUB

- Multiple dedicated power, voice and data entry points
- Rackmount power distrubution
- Rackmount data patch bay locations
- Lockable access from sides and top

CABLE BRIDGE

- Drop-in wide berth cable system
- Capacity for nine 1" flexible conduit, or 80 Cat-6 individual cables
- Front-access removable doors are lockable
- Underside pass-throughs for floor foot pedals
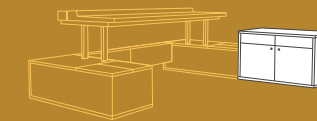
TECHNOLOGY CABINETS

- Outboard placement for easy IT access
- Accommodates rackmount, small or large format CPUs
- Growth potential through cabinet stacking
- Active Cooling System keeps components cool
- Easily updated to allow future technology changes

WIRED FOR SIMPLICITY

The IT team has enough to do without having to wrestle with tangled cables. Everything under Mercury's hood is readily accessible, quickly secured and completely compartmentalized. Technology is situated at the front of the workstation and can be accessed from all sides. Large cable infeeds and raceways are easy to manage, while plug-and-play junctions are built into both worktop peripherals and monitor arrays. Installations are quick, changeovers are painless for IT.
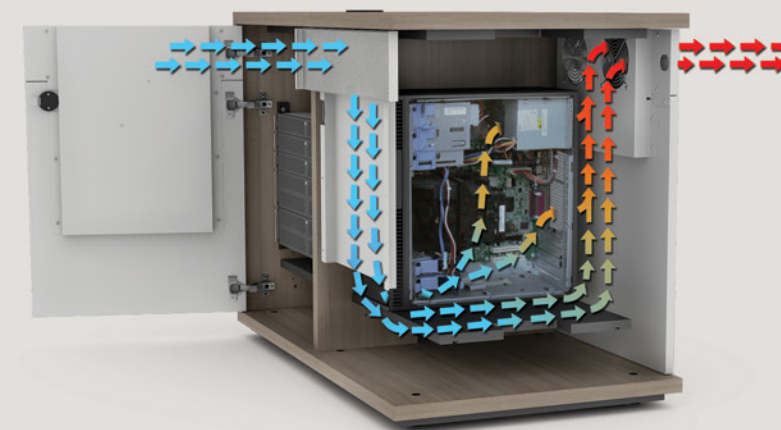
ACTIVE COOLING SYSTEM

Technology storage cabinets use Watson's state-of-the-art low-noise cooling system, which keeps equipment running at an optimum operating temperature.

MODULAR DESIGN

- Highly flexible components
- Easy to expand and reconfigure
- Easy to incorporate additional CPUs
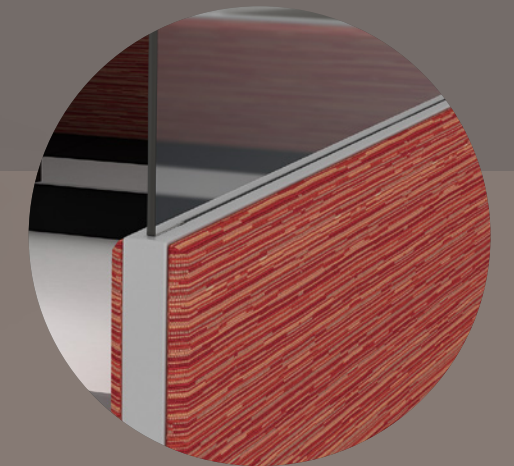
EXPANDABLE MONITOR ARRAY

- Bolt-on dual array extension column
- Capacity of up to two rows of six monitors

PRIVACY SCREENS

- Tackable
- Acrylic topper supports open sightlines
- Abrasion resistent textiles
- Screen textiles comply with CA TB 117 and ASTM E84 fire safety standards

The Jota pull has a soft grip and is snag free

Beveled detail along privacy screen edge

STURDY AND SCALABLE

Mercury is the latest Watson innovation to combine robust manufacturing quality with modular flexibility. With fully welded steel frame construction and made with materials specifically chosen to endure the rigors of a 24/7 environment, Mercury is relied upon by facilities managers who need dispatch furniture to stay strong for the long haul. Full-thickness 1-1/8" panels frame Mercury's storage and technology cabinets for greater stability. Best of all, the components can easily reconfigure to a variety of footprints. Mercury's durability and adaptability keep the cost of ownership low, even when building systems change.

- 2500 lbs static loading capacity
- Up to 96" of worksurface freespan
- Precision ball bearing worksurface guides
- Metal to metal connections
- Lifting system through 40,000 cycles

UL 962 LISTED

Mercury has undergone rigorous third party testing to achieve a UL 962 listing as a complete furniture assembly. UL 962 is the premier standard for commercial furnishings, and verifies that products meet electrical, flammability and personal injury safety requirement. The standard includes thorough testing for:

- Stability and Mechanical Strength
- Fire Resistance
- Power, Lighting and Electrical Safety

WHY MERCURY?

1 Console Design Evolution

- Elimination of 90 degree corner dead zone space
- Full tri-linear cockpit usability and adjustability
- Outboard technology placement for easy access
- Ample room for increased input devices
- Optimized for flatscreen displays

2 For Dispatchers

- Worksurface power-adjusts vertically
- Monitor array power-adjusts vertically
- Worksurface adjusts horizontally for focal depth
- Integrated environment controls
- Ready access to all technology and storage

3 For IT

- Hub provides multiple dedicated power, voice and data entry points
- Efficient and accessible cable management system
- Outboard technology storage with active cooling
- Tech bays for rapid access to data ports

4 For Facilities

- High space planning efficiencies
- Modular component flexibility
- Easy to expand and reconfigure
- Robust construction for 24/7 environments

FEATURES AND SPECS

Size Ranges	
Station widths	60"–96"
Station depths	39"–51"
Station heights	42"–60"
Ergonomic Adjustments	
Worksurface height range	24"–50"
Focal depth worksurface 11" range	Standard
Monitor array	12" electronically controlled
Maximum monitor capacity	12
BIFMA G-1 2013	Meets or exceeds
Environmental Controls	
Electrical Listing	UL 962
Heating, cooling, reading and ambient lighting	Optional
Screening	
Tackable	Standard
Frameless clear acrylic topper	Optional
Energy and Environmental	
Electrical requirement	13.3 A (maximum)
Worksurface lift standby usage	0.1 A
SCS indoor air quality certification	Advantage
Total recycled content	83%
Technology	
Standard CPU maximum capacity / station	12
Rackmount maximum / station	32U
User peripheral maximum plug-ins	20
110V AC NEMA 5-15R Receptacles	10–12

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