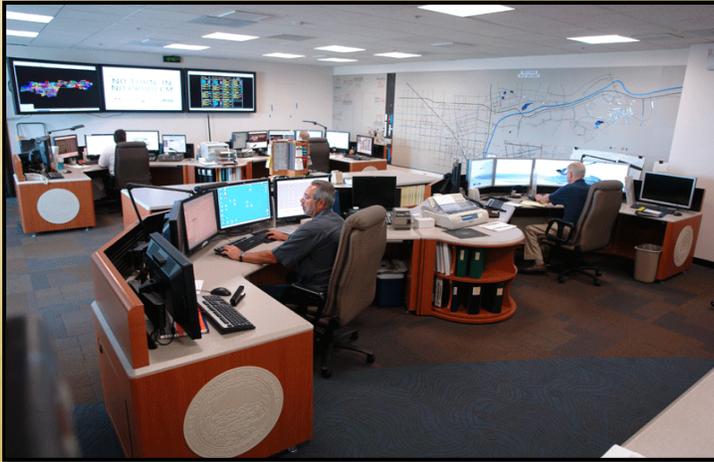




Sit/Stand Consoles

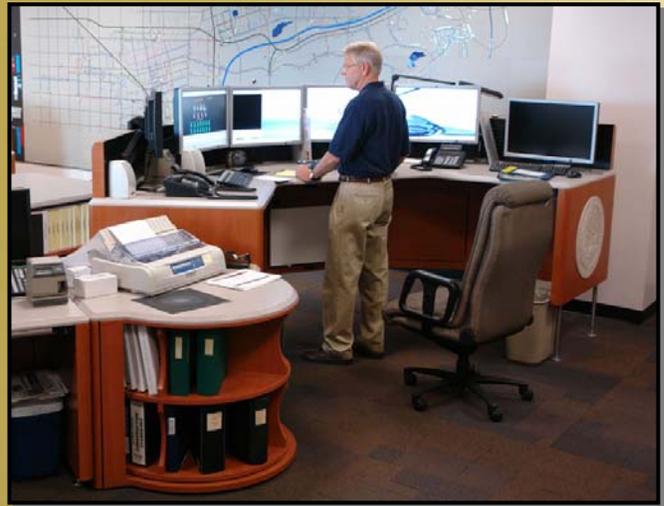
American manufactures many styles of dispatch workstations. Some environments require a sit/stand workstation that mounts large numbers of monitors and keyboards along with storage for CPUs and other peripherals. In order to meet these requirements, we manufacture oversized full-lift versions. We go the extra mile to maximize the



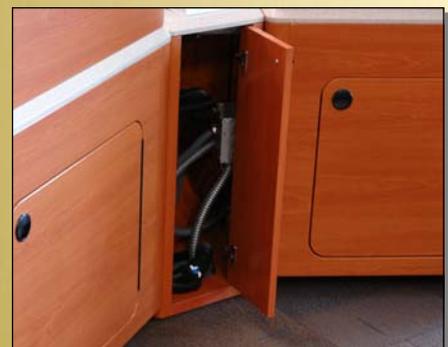
usable workspace and minimize obstructions to leg room. These workstations are robust and full-bodied and do not rely on the typical metal legs and frames designed into table style systems. The base cavity stores CPUs sideways on on access door racks. Monitor, keyboard, mouse and power cables pass between the levels through wire grommets that protect and hide them from view. The workstations's base cavity provides convenient front and rear access through beautifully appointed doors with heavy rated hinges. There is no need for tacky systems style cloth panels to hide wiring as in table style

systems. The workstations is completely finished and hermetically sealed.

A continuous slatwall holds monitor arms, task lights and other accessories above the worksurface. This increases usable work space depth. The slatwall is available in many styles and heights. Optional fabric panels surpress noise. the American slatwall rises with the workstation and provides sound suppression even in the standing position. Sit/stand levels are controlled through a simple momentary rocker switch that allows users to maintain relativity to their tools when moving from sit to stand. One of the biggest ergonomic complaints is the inability to sit directly in front of a keyboard because the cpu storage cabinet is in the way. The constant reaching over to key causes a tremendous amount of fatgue. Although the workstation above has four computers stored in it, there is no hardware encroachment into valuable leg room. So line of sight keying between keyboard and monitor is preserved.



Transitional segments between workstations act as a homerun for power, data and communication cables. Cables pass from the transition in flexible conduit that feeds each workstation's unique segregated cable management system. In the above example, we are using a carousel peninsula that stores manuals in a Lazy Susan. All cable movement takes place in the transition while cabling from CPUs to monitors, keyboards, mice and peripherals remain stationary and secured. Unlike split-level systems, there are no inherent pinch points between stationary and moveable surfaces.



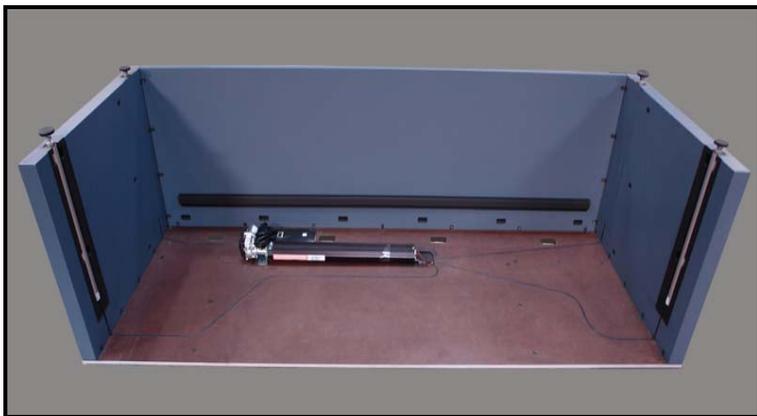
Motorized Hydraulic Lift



American's most popular sit/stand system is "full lift". It maximizes the amount of work surface depth and eliminates the dangerous pinch points indigenous to split-level systems. Each user only adjusts monitors and peripherals one time. All of the components raise and lower with the console which means all through the movement from sit to stand, everything stays relational. Actuation is a simple momentary rocker switch.

How it Works

We embed the hydraulic lift pistons into the side panels behind removable access covers. Then we mount the hydraulic pump motor under the work surface in a place that doesn't conflict with leg room. Lastly, we embed the hydraulic lines into the under surface of the desktop and secure them with smooth gaskets. This eliminates the chance of snagging any of the hydraulic lines during normal operation. Once this is done, we can now integrate access doors, CPU cabinets, drawer pedestals and other peripherals.



Advantages:

- No uneven weight distribution problems
- Maximizes useable work surface depth
- Eliminates dangerous pinch points
- Simplifies cable management
- Frees up precious leg room
- No unsightly metal legs

Standard four leg lift systems rated at 750 lbs. Systems up to 2,000 lbs. are available for lifting larger workstations.

Motorized Split-level Dispatch Console

Our Split-level workstations are robust and full-bodied and do not have the typical metal legs designed into the typical table style systems. The all-inclusive base houses lifting motors, hardware, a segregated power/data cable management system and even CPUs. Access to the base cavity is provided through front and rear hinge doors. Monitor and power cables pass between the levels through metal shafts that protect and hide them from view. The console is freestanding and finished completely front and rear.

A continuous slatwall is available that mounts monitor arms, task lights, phone mounts, storage trays and other accessories. Unlike furniture systems that rely on cubicle style stationary floor panels, the American slatwall is attached to the rear worksurface providing noise suppression even in the standing position. Each surface moves independently and there is plenty of room on the rear surface for monitors on stands when workstation is ordered without a slatwall.



Sit/stand levels are controlled through a programmable memory panel that allows each user to define ergonomically comfortable height combinations to fit individual needs. A total of three memorized scenarios are available to each user. All power and peripheral cables are positively secured inside the base cavity to facilitate a superior cable management system. Unlike table systems, there are no exposed cables in either the sit or stand position. Split-level consoles are available in straight, concentric arc and cockpit style configurations. The freestanding base is expandable by adding stationary modules like CPU storage cabinets, drawer pedestals, electronic enclosures and additional lengths of stationary worksurface on either side to increase the work area.



900 FLYNN ROAD CAMARILLO, CA 93012
TEL (805) 987-0412 FAX (805) 987-1829
Sales@American-usa.com