

MOMENTUM MICROSYSTEMS



Momentum Microsystems provides computing solutions and support for your medical devices through a comprehensive system integration partnership

By providing a stable name – brand computing platform from a reliable systems integration partner, Momentum Microsystems helps you dedicate your company's resources to developing and enhancing your medical devices.

- "Seven-year plus" product lifecycle post-sale support guaranteed
- ISO 9001 & 13485 certified, TSA certified
- Proven record of quality manufacturing and a global service infrastructure

Powerful partnerships assure access to the latest, most innovative technology and hardware available.



Balancing Computing and Medicine

Modern medical devices blend complex instrumentation technology with up-to-date computing systems. The computer's role can range from recording and analyzing data from the instrument, to providing the user interface that controls and manages the instrument's operations.

But many medical device manufacturers (MDMs) do not possess a lot of computer system knowledge – and just as importantly, they don't want to waste time and resources developing expertise in PC selection, qualification, support and integration. Momentum Microsystems lets you focus on the medicine. We can take charge of the computer side – from specification and selection through deployment and support. We'll apply our computing expertise, close relationships with industry leaders such as HP, and years of experience with MDMs, to satisfying your product's specific requirements, now and through its entire lifecycle. We'll ensure compliance with medical device regulations. That means you can invest in adding value to your medical device, not the associated computer.

Access the Latest Technology

Computers that are physically separate from the overall device are not subject to the same rigorous standard of validation imposed on the device by the FDA in the United States, or agencies in other countries. Nonetheless, because the computer is so important to the operation of the overall solution, device

manufacturers need to ensure it will support the device throughout the solution's lifecycle – a period that can exceed several generations of computing technology.

Since 2003, Momentum Microsystems has been developing turnkey computing solutions for MDMs based on solutions from HP and other technology partners. Momentum offers the expertise to test, optimize and modify off-the-shelf components to suit medical device needs. Doing so lets manufacturers leverage the cache of a name-brand computer rather than a "white box" system built in-house, thereby benefitting from the brand's investment in engineering, quality and international service – something most MDMs invest in for their equipment, but are not able to provide for "homebrew" computers.





Ensuring Long Product Life

MDMs prefer to use the same computer system for as long as they build the associated device. This provides the maximum time before product obsolescence, allows product consistency and minimizes the need for additional testing and managing multiple sets of spare parts.

Momentum's longstanding relationships with leading computer manufacturers give us insight into industry trends and product pipelines, assuring you of access to the best processors, storage devices, software and peripherals for your particular application. Momentum can help MDMs take advantage of "stability of configuration" guarantees offered by HP and other computer manufacturers. With Momentum's support, you can be assured of:

- Computer system validation
- Continuous, accurate and reliable operation of life-critical equipment
- Guaranteed availability of processors and peripherals throughout the projected life of the medical device
- Guaranteed prices for computing system components, which allow device manufacturers to benefit from falling component costs over the base computer's lifecycle
- Replacement of hardware in the field with exact duplicates of original systems
- Avoiding the need for recertification of computer systems by "freezing" the major components in the computing system

Simplify Lifetime Support

Once your product reaches the market, Momentum can also get early warning of components nearing their end-of-life. This enables us to manage last-time buys, stock sufficient parts for your anticipated needs and identify and verify off-the-shelf replacement parts to ensure that you never run out of validated computing systems. Your systems stay in service with the backing of global leaders in the computer industry.

Momentum also facilitates field service and repairs. Our relationships with HP and other leading computer manufacturers enables us to stock spare parts for your specific computer subassemblies in facilities around the world, and allows their support technicians to service your computing components.

Momentum is frequently able to provide 12- to 24-hour delivery of custom solutions, including standard or customized operating systems, back-up programs and server management software – a degree of attention and responsiveness that most major manufacturers are unable to provide. We also maintain a library of system images deployed in each product family, allowing the company to replace hardware in the field with exact duplicates of their original systems.

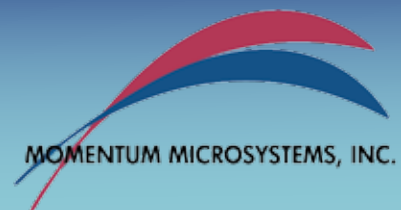
Because Momentum Microsystems maintains 90 days of rolling inventory levels specific to each MDM's needs, we act very much like a profit center for our customers. We support your revenue generating medical solutions and applications, as we will have computers with your exact specifications ready to ship.

Your Computing Systems Integrator

With more than 18 years of experience integrating computer solutions with medical devices for many leading MDMs, Momentum Microsystems has the experience, insight and computing industry relationships you need to reduce computing system costs, maximize computing system reliability and eliminate computing system distractions so you can focus on the medicine. Contact Momentum Microsystems today to learn more about the benefits of enlisting us as your computing systems integration partner.

ISO 9001
ISO 13485

BUREAU VERITAS
Certification



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Business Partner

