

 **OCTAGON**[®]
SYSTEMS
COMPUTERS IN MOTION[™]



COMPUTERS IN MOTION

Octagon Systems is the premier manufacturer of rugged computers for mobile applications.

With 30 years of experience in delivering computers for harsh environments, Octagon is well positioned to provide customers with reliable and software compatible systems, customized to their specifications.

Octagon is a global company with representation on every continent. Our products are designed, manufactured and validated in the US under our ISO 9001 quality system that has been in place since 1993.

Octagon earns the trust of our customers through long product life-cycles, and responsive Engineering, Sales and Support teams. We continue to evolve products to meet the rapid changing needs of our customers. By customizing our field-proven platforms through the modular addition of expansion functions, we quickly deliver products tailored to each customer, reducing time to market.

Built for extreme environments our products withstand temperature ranges of -40°C to 70°C with shock and vibration to MIL-810F.

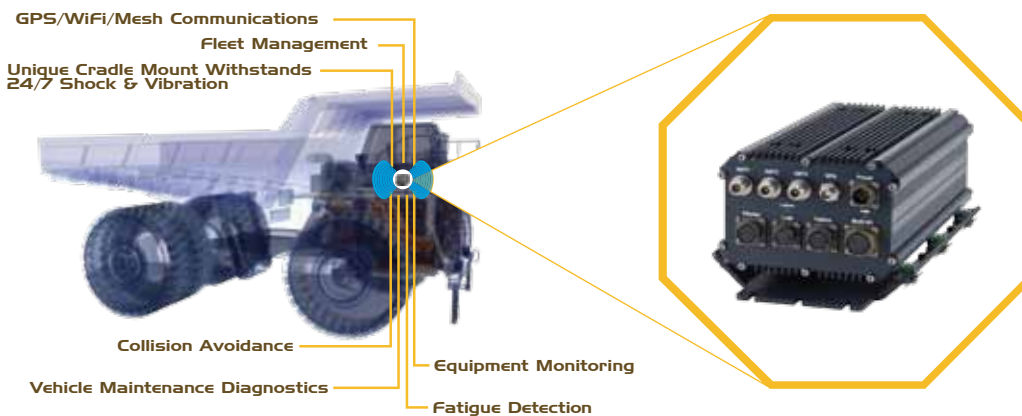


MINING

In today's competitive mining market, the ability to optimize efficiency and safety can be the difference between failure and success.

Our computers can operate as the hub on wireless networks for ease of data transfer from mining equipment to the control center, making onboard computing more manageable and reducing cost of additional hardware. Octagon Systems' line of reliable rugged mining computers offers a cost-effective solution in addressing the needs of lost efficiencies and downtime. Over 2,000 Octagon computers are deployed at more than 50 mine sites worldwide and trusted by some of the largest global and most profitable surface pit mining operations.

With wide temperature ranges up to -40°C to 70°C , fanless operation, and durability that is second to none, our computers are quickly becoming the standard for fleet management systems. Octagon's exceptional cradle mount, created in cooperation with our mining customers, survives intense vibration and displacement. When downtime can exceed two hundred dollars a minute, Octagon's reliability maximizes ROI.





MOBL-D2

MOBL SERIES OVERVIEW

The MOBL series of Mobile Computer Systems offers an extremely cost effective and low power consumption computing platform for light to medium duty computing needs. There is no compromise of rugged performance with features such as standard GPS, real world mobile power supply, wireless and Octagon's successful heat management system.

MILITARY



RMB SERIES OVERVIEW

The RMB series of Rugged Mobile Computers offers unmatched design, durability and heat dissipation. The electronics is tightly coupled with the mechanical design of our enclosures, rather than packaging an off-the-shelf form-factor computer.



RMB-C2B



OCTAGON SYSTEMS

We supply the United States Navy with rugged computers that can handle the extremes.

Octagon has been a trusted supplier to military contractors for more than 15 years.

Our computers provide uncompromising performance, operating in extreme temperatures and meeting MIL-STD 810F for shock and vibration and common MIL standards. Our computers are manufactured in the USA by the ISO 9001:2008 quality management system guidelines.

By utilizing a wide array of standard options, our line of COTS products can be configured to your specifications. For more specialized applications, our engineering staff can customize a standard platform to meet your expectation. Regardless of your requirements, our computers deliver maximum efficiency under the most severe conditions.



TRANSPORTATION

FLEET SERIES OVERVIEW

The Fleet Series of Universal Mobile Computers provides low-power and performance-rugged mobile computing platforms for constrained spaces. Standard GPS and optional wireless communications features make the Fleet an excellent choice for fleet vehicles and other mobile computing needs. Designed to withstand rough handling and real world mobile power systems; there is a FLEET computer for almost any industry.



FLEET-M



COMPUTERS IN MOTION
Our systems are in use by transportation systems worldwide.



Octagon Systems has delivered proven industrial solutions for many years.

Our reliable computers are deployed in transportation systems in the Americas and Europe, are easy to install, and can be configured to your specific requirements.

With the integration of third party software, Octagon's rugged vehicle mounted computers provide GPS and control communications, equipment and vehicle diagnostics, preventive maintenance schedules and passenger counting. Effective real-time diagnostics extend the service life of the vehicles. This results in successful asset tracking, reduces costs and increased revenue.

Transportation covers a wide variety of tasks both on and off the vehicle.

- Passenger counting
- Security monitoring
- Fare collection
- Route kiosks
- Electronic signage
- Video advertisement
- Automatic Vehicle Location
- Traffic signal preemption
- Traffic information
- Passenger safety monitoring
- Adaptive audio systems
- Vehicle diagnostics

OCTAGON SYSTEMS

A History of Innovation

1981

Octagon introduced the first embedded computer with its own operating system on solid state disk.

1982

Octagon won the contract to deliver hundreds of computers for California's largest wind turbine array.

1984

Octagon entered the STD Bus market and became one of the top players with a 200 page catalog of products.

1986

Introduced a line of fast SBCs that included CAMBASIC. More than 100,000 cards are in the field today.

1991

Introduced the first truly industrial IBM PC architecture (MicroPC) in a rugged card cage format.

1996

The MicroPC compatible, 4000 series was introduced, which were CPU rich in I/O.

1998

The higher performance, 6000 series Micro PC compatible were a step up from the 4000 series.

1999

Released a series of Single Board computers in the EBX, EPIC and PC/104 form factors.

2004

Introduced our first mobile computer. Co-authored the EPIC embedded computing specification that became a world standard.

2005

Octagon introduced a custom mobile computer for city buses.

2006

Won a large, custom public transportation project for a capital city in Europe.

2007


Developed computer for use in open-pit mining and is now considered the market leader in this area.

2011

Won a major long term contract to supply the Navy with computers for their amphibious transport dock ships. Introduced Tough Touch®, a rugged LCD display line designed for severe environments.

2012

Introduced a line of rugged, high performance, lower cost computers for mining and public transportation.



Octagon Systems provides the innovation, technology and service trusted by our customers for more than three decades.

Our computer solutions are implemented in some of the most demanding environments. From concept to production, every step incorporates the philosophies of integrity, innovation and longevity.

Octagon Systems is a pioneer in rugged, industrial computing. Since introducing the first fully integrated embedded computer in 1981, we have continued to innovate at a rapid pace. Our newest rugged mobile computers and accessories serve multiple industries in ways never before possible.

Our experienced Sales and Engineering teams partner with our customers to anticipate future industry needs, identify trends and new market development. Innovation is critical to your success and ours.

At Octagon we understand that responsive service is an important part of building long-term business relationships. The value of a reliable point of contact is an important aspect of quality service. Each Octagon customer is assigned a personal sales manager who will be there from your initial sales consultation, product implementation process and after sales support. Octagon's experienced sales managers take the time to fully understand your application to ensure that you receive the best solution for your specific needs.

At Octagon customer service is not an afterthought, but rather how we lead. It is the most important part of quality service and true value.



*Call or email one of our sales managers
to schedule an appointment today.*

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