



Quarterly Newsletter: Q4 2017

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IMS is an AS9100 Rev D. Certified Woman and Minority Owned Small Business specializing in research, analysis, processing, and delivery of hard to find exotic metals for Aerospace, Defense, and Satellite Companies. Our goal is to change how metal and materials are procured throughout the world by increasing client productivity and operational efficiency.



How We Serve Our Industry:

Since 2009, the IMS' commitment is to consistently deliver high quality materials to its customers domestically and abroad. Not only does the company provide the materials for critical parts in satellites and aerospace components among other classified projects but also facilitates material processing which minimizes overall costs, reduces lead times and increases resource utilization for supply chains of all types.

IMS is an innovative company currently developing industry changing technology and establishing benchmarks for services which have never been seen. The company is unique in its ability to assist its customers in research & development by allowing for the use of its equipment for education, prototyping, and experimenting efficiently thus garnering innovation awareness and loyalty in the scientific community.

Known as a trustworthy partner for sourcing hard to find, exotic, and rare materials IMS offers multiple in-house processing capabilities such as Blanchard Grinding, 2D Laser Cutting and

Heat Treatment of PH Grades helping companies like yours reduce lead times and supply chain costs. The 5000 sq. ft facility is equipped with a humidity and particulate controlled inspection room for materials that require special storage or handling, along with multiple precision measuring tools and Destructive & Non-Destructive testing equipment.

Who Benefits From The IMS Experience?

Original Equipment Manufacturers/ Assembly Houses

- *Fixed Material Pricing*
- *Just in Time or LEAN streamlining*
- *Long-Term Agreement Efficacy*
- *Outsourcing to experts*
- *Supply Chain Resolution*
- *Subcontracting made easy*

Contract Manufacturers/ Machine Shops/ Job Shops

- *Fast turnaround for Tooling and Prototyping*
- *Fewer days of Work in Progress*
- *Material Part Preparation*
- *Reduced Inventory*
- *Special Options for Material Purchasing*

Prototyping/ Fabricators/ Supporters

- *Full-scale manufacturing access*
- *Quick delivery of one-off's and spot buys*
- *Rapid Testing and Small Batch Processing*



New Certification

In 2017 IMS earned the **AS9100:2016 Rev. D** certification emphasizing on the process approach, Annex SL high-level structure, risk-based thinking versus risk management, product safety, counterfeit parts, and human factors which have been added to this round. IMS is also looking to become NADCAP approved for Tempering, Aging, and Stress Relief-Heat Treatment and Non-Destructive Hardness Testing for validation. Our audit is coming up in February 2018. With this certification, we will be able to assist our loyal customers and industry partners in delivering quick turn around for expediting critical requirements of spot buys and/or product development testing.



The Race to Space and IMS

As a great supporter of space travel IMS would like to share the latest news on upcoming launches from big players in the space industry such as:

[Falcon Heavy's](#) "reusable super heavy lift vehicle being designed and manufactured by SpaceX. The Falcon Heavy (previously known as the Falcon 9 Heavy) is a variant of the Falcon 9 launch vehicle and will consist of a strengthened Falcon 9 rocket core with two additional Falcon 9 first stages as strap-on boosters Falcon Heavy was designed from the outset to carry humans into space and would enable crewed missions to the Moon or Mars " ***expected to launch January 2018.***

[SLS](#) -"The Space Launch System (SLS) is an American Space Shuttle-derived heavy expendable launch vehicle as part of NASA's deep space exploration plans including a manned mission to Mars. SLS follows the cancellation of the Constellation program and is to replace the retired Space Shuttle" ***expected to launch in mid-2018.***

[New Glenn](#)- "The New Glenn is a privately funded orbital field vehicle in development by Blue Origin expected to make its initial ***test launch prior to 2020.*** Design work on the vehicle began in 2012. The high-level specifications for the vehicle were publicly announced in September 2016.

[Moon Express \(MoonEx\)](#), "is an American privately held early-stage company formed by a group of Silicon Valley and space entrepreneurs, with the goal of ultimately mining the Moon for natural resources of economic value." Moon Express announced its signing the worlds' first multi-mission launch contract with Rocket Lab USA for 3 lunar missions between 2017 and 2020.

Also In the space game exists [Ruag Space, USA](#)- Kicking off their new facility in Titusville, FL, this company has developed a satellite manufacturing process that greatly reduces the time required to build large satellite constellations and overall costs.

Due to the unprecedented concept of expedition beyond what's known to mankind, IMS is expediting and finalizing a move to the Space Coast of Florida, to not only witness the upcoming unveilings but to also support manufacturing companies in accomplishing their goals.

Award and Ceremony

IMS will be showcased in its hometown **City of Cerritos for the Business Spotlight** for creating a positive impact on the local community by offering internships to encourage youth and upcoming professionals to become indoctrinated in aerospace engineering and material science professions while simultaneously endeavoring to save craftsmanship in manufacturing and represent small business capabilities throughout the world.

Internships at IMS

Sam Q Lee is an IMS intern completing his Master's program in Global Marketing Management from Boston University. Sam gained unique industry knowledge of metal sourcing, processing, and supply chain in general. Through numerous opportunities to apply different marketing methods in practice, Sam was able to help formulate marketing customized for IMS. He believes the IMS internship program provides a great opportunity to everyone with the desire to learn and grow, especially those who have the drive to succeed.





Upcoming Event

IMS is planning to organize an open forum to discuss the declining trend of skilled laborers in California. Finding a local industrial grinder, deburrer or tool maker is becoming increasingly challenging, that is why IMS is in the works of developing a plan with other industry professionals to encourage further training of such personnel and talent. To become involved in the upcoming seminar please email service@lmetalsource.com

Special Thanks

To Guest Speakers who shared their valuable insight and positive experience in doing business with IMS at the Halloween Event in 2017. President/Co-Founder of the Aerospace & Defense Forum, Chief Engineer of craft at Ruag Space, Lockheed Martin, and Procurement Engineer Sr., Lockheed Martin Aeronautics. Thanks to Customers, Affiliates, and Friends who attended our Thanksgiving Luncheon and to our Employees who supported the IMS cause throughout the year and joined us at the Christmas Luncheon last year. Thanks to all and Happy New Year!