

Executive Summary

THE ERUPTOR LAB™ -- WHERE NEW IDEAS ARE FORGED™

ABOUT US:

The nuForj, LLC Management Team consists of diverse, seasoned experts ranging from Web3 software development, industrial design/manufacturing (including additive manufacturing) to government/industrial relations, international business development and commercial real estate development. The combined years of expertise of our entire team of 30 professionals is in excess of a millenium. These individuals have all been part of the conceptualization and development of our revolutionary hybrid product: THE ERUPTOR LAB™.



PROBLEM:

Manufacturing has shifted away from heavy machinery situated in large, cavernous buildings to computerized, software driven machines operational in much smaller facilities. With the onset of Industry 4.0 (i.e., the coding and use of computerized manufacturing machines made operational through the use of the interconnected devices over the Internet yielding the function of “Mass Customization”) and, the Maker Movement in full speed, companies ranging from start-ups to medium-sized corporations and, often larger, are grappling with how to stay competitive. Add to this complexity the fact that such companies must compete within a global marketplace creating the mandate for continued relevance through consistent innovation, higher margins and product development success. Furthermore, current market forces the world over are pushing more and more entrepreneurs to start new manufacturing companies that will employ a technically savvy workforce. But where can manufacturing entrepreneurs, SME and even larger companies turn to for assistance in sorting out the “innovative, higher-margin, new product development” recipe?

SOLUTION:

The Eruptor Lab™ is the answer to this question and has been designed as a revolutionary new model for an advanced design and integrated manufacturing process development workplace ecosystem, drawing upon primary research & development capabilities through strong relationships with best-of-breed industry partners and regional R&D universities. The Eruptor Lab™ is for-profit, housed in a LEEDS certified, sustainable facility and is industry sector and technology agnostic. The focus of the Eruptor is to become the regional resource for small-to-medium enterprise (SME) manufacturers and entrepreneurs in support of their needs/desires to develop new products, enhance legacy products, and optimize manufacturing processes validated by initial short-production runs prior to the implementation in their own facilities. This support capability provides an incredible advantage by shortening the ideation to production -> fabrication -> commercialization cycle time. In addition, each Eruptor Lab™ will develop and produce its own new technology/products to be sold. A key component of each Eruptor Lab™ will be to inspire and develop the future work force to support our customers and their facilities through the ties we have with local universities and by hosting tours, workshops, internships conferences and other public gatherings within the company grounds. Ultimately, the Eruptor Lab™ global network will serve as the mass customization production nexus for a distributed customer supply chain.

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