🏈 MemComputing

February 2022

MemComputing in...drones?!

This month we released quite the spread of content, including our latest case study with Lockheed Martin where we demonstrate the superiority of our technology when optimizing the coordination of a swarm of autonomous drones (read below).

You'll also find a new blog and a video describing the advantage of MemComputing across the energy and oil and gas sectors. To our O,G, & E audience, we hope you find inspiration and appreciation for the problems we are tackling.

As we continue to make headway in these markets, we begin to understand the many areas where MemComputing can make difference. While these companies are our early adopters, many of the problems we solve have applicability in a variety of other industries. If you feel you or your colleagues face similar challenges, or are simply curious about our technology, don't hesitate to reach out.

Social Media: Join the revolution, follow our journey: https://www.linkedin.com/company/memcomputing/

Register for free, and experience the power of the VMM yourself.

Get Started

Case Study



We have successfully completed a project with Lockheed Martin demonstrating how our Virtual MemComputing Machine solves the Multi-Agent Path Finding (MAPF) problem at scale in minutes, whereas the compute time for best-in-class solutions scales exponentially. That is, it would literally take years to solve at scale for even today's fastest supercomputer.

Solving the MAPF problem is critical to achieving the next-generation of AI as it supports applications in warehouse automation, traffic optimization, and autonomous vehicles. Learn how MemComputing solves this problem as it relates to the coordination of a swarm of autonomous drones. Read the full case study here:



Latest Blog: The Smart Grid Just Got a Whole Lot Smarter



Learn how MemComputing is transforming the energy sector by optimizing the distribution of power and integration of renewable energy sources in our latest blog.



Oil and Gas Video



We're working with a number of large O&G companies to solve complex problems across the entire energy chain. Discover the applications MemComputing is addressing with our clients in this video.

Video

2022 IEEE Fellow



Early this month, the co-founder and co-inventor of MemComputing, Massimiliano Di Ventra, was named a 2022 fellow of the IEEE. This prestigious recognition comes from his contributions to quantum transport in nanoscale systems and in-memory computing (aka MemComputing). Read more here:

Article

Upcoming Events

INFORMS



MemComputing will be showcasing its technology at the Informs Business Analytics Conference April 3-5 in Houston, Texas. If you plan on attending, please let us know!

Five Ten Thirty



MemComputing will be will be exhibiting at a booth during San Diego's Innovation Day celebration hosted by Connect April 28th at Petco Park. We hope to see you there!

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