



For Immediate Release

Joint Force Solutions (JFS) And R4 Ventures LLC (R4V) Enter Teaming / Consulting Agreement

JFS Will Market And Sell R4V's Lab Scale Multistage Evaporative Cooling System Trainer And PaaS Subscriptions.

Dec. 18, 2019 (Phoenix, AZ) Joint Force Solutions (JFS), an international leader focused on enlisting, activating, and educating the Energy and Information Technology market sectors, namely, data centers and other mission critical operations, announced today that JFS and R4V have entered into a Teaming / Consulting agreement where JFS will market and sell R4V's Lab Scale Multistage Evaporative Cooling System (MECS) Trainer (MECS Trainer) to university mechanical engineering labs and government national research labs and subscriptions to R4V's proprietary software "Platforms-as-a-Service" to design, specify, propose, and sell R4V's Multistage Evaporative Cooling System (MECS) and Real Time Data Center Cooling System (RTDCCS) to mechanical engineers, mechanical contractors, building owners, manufacturing plant owners, and electric utilities.

Data center energy usage has risen dramatically the past 10 years and will continue to grow in-step with the processor-intensive, high-density applications used in high-performance computing. Cooling is not only a logistical challenge that can cause significant downtime and lost capacity, but it is also costly for data centers, representing up to 40 percent of a data center's energy usage.

"R4V offers a critical energy efficient cooling option for the comfort cooling of commercial and industrial buildings with its MECS and data center cooling with its RTDCCS. The industry needs a lab scale version of these systems that can be used to simulate MECS and RTDCC performance in university mechanical engineering labs for simulating performance various regions of the world," said Dr. Tim Oergel, JFS Founder and CEO. "Additionally, software platforms have been integral to reduce the professional project time needed to design, specify, propose, and sell R4V's MECS and RTDCCS. R4V delivers both of these product offerings."

“R4V’s proprietary software platforms (“Platform(s) as a Service” www.GCPaaS.vcom and www.GDCPaaS.com) will become a great tool for providing cooling solutions.” said Dr. Darrell Richardson, Chief Executive Officer for R4V. “The Lab Scale MECS Trainer includes an Ambient Air Simulator (AAS) and Data Center Simulator (DCS). The AAS and DCS allows labs to set ambient Dry Bulb and Wet Bulb temperature test conditions and data center white space set point temperatures so that a university or government research lab can replicate any environmental design condition in which a full scale MECS or RTDCCS would be deployed and commissioned.”

“These products are the wave of future and we are thrilled to partner with R4V to bring this technology to the marketplace,” said Curt Hurst, COO, Joint Force Solutions. “University and government labs will not only benefit from these state-of-the art cooling solutions but the industry will benefit as well.”

About JFS

[Leadership Logic Consulting](#), LLC., and the [American Advanced Technology and Cybersecurity](#) (AATC) University are the ‘Charter Member Organizations’ of the newly formed consortium of Network Alliances known as Joint Force Solutions™. This consortium is comprised of a Joint Conferencing Networking Training Force, (JCNTF Council®) which takes into consideration the current use of training standards, advances in technologies, and takes the nationwide workforce development initiative to the next level by adopting conferences, seminars and networking activities for enhancement and benefit to its members and the mission critical / data center industry. Visit the website at <https://jforce-solutions.us/>.

About R4 Ventures, LLC

R4 Ventures LLC is a technology company creating disruptive commercial and industrial cooling technologies with the goal of eliminating high energy consuming compressors typical in refrigeration-based systems and environmentally hazardous refrigerants as it uses water as its refrigerant. Its patented technologies provide cold water and/or cold air at temperatures close to temperatures generated by traditional mechanical refrigeration systems, such as chillers and central cooling plants serving building comfort cooling applications and light and heavy industry process cooling applications. R4V creates superior energy and environmental technologies and solutions for its licensees, global partners, customers and local, regional, national, and global governments through engineering, design, research, and development. www.r4ventures.biz.

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R4 Ventures LLC