Take on Tomorrow: GRC All-in-One Immersion Cooling Server Systems Powered by Dell Technologies

GRC’s All-in-One Immersion Cooling Server Systems, powered by Dell Technologies, will help data center operators quickly procure, deploy, and scale best-in-class server/
immersion cooling combinations virtually anywhere – including the edge.

Two-Phase Versus Single-Phase Immersion Cooling

Data center challenges are mounting fast. These are fueled both by the rise of nextgen applications, super-hot, largely GPU-driven applications like AI, and the fact that business and IT growth must increasingly move in lockstep. Not surprisingly, as temperatures rise inside data centers, operators are scrambling to find workable, more power efficient alternatives to traditional air-cooling.

When Does Liquid-Immersion Cooling Make Sense? – Part 2

Life is full of must-haves and just nice-to-haves. Brakes on a car? Gotta have ‘em. Seat warmers? Totally optional. Given the challenges data center operators face now and in the future, liquid immersion cooling is well on its way to becoming a must have to keep ICT (Information and Communications Technology) from overheating.

GRC + HPE: Faster. Cooler. Farther. Together

Data center operators everywhere can now get everything they’ve come to expect from HPE products – innovation, acceleration and exceptional reliability – protected by the most advanced and proven server cooling technology available today – all from a single source.

GRC’s ICEraQ® System Cools New Frontera

Supercomputer.

When two pioneering, forward-looking companies team up with the right mindset, great things are sure to happen. That’s definitely the case when it comes to our recent collaboration with monster chip-maker NVIDIA. To be sure, one of our premiere projects is already having a huge impact – one that promises to benefit mankind.

The Global Artificial Intelligence Race is Heating Up

Depending on whom you talk to, the term Artificial Intelligence (AI) triggers a wide range of reactions. Doomsayers conjure images of autonomous machines rebelling and taking control of the world. Businesses dream of working at yet unimaginable levels of efficiency, or delivering hyper-personalized products and customer service. But when the subject of AI arises in government circles people often grow silent and swallow hard – for good reason:

ICEraQ™ Micro – The New Standalone Immersion Cooling Technology That Stands Apart

While we were all binge-watching Game of Thrones, next-gen applications driven by GPU-accelerated servers snuck in and sparked a heatwave in data centers around the world, pushing the boundaries of infrastructure in the process.

The Increasing Use of GPU Acceleration – What it Means for Data Center Cooling

Back in the day, being a server was a relatively easy gig. Depending on your line of work, front-end systems kept you and your CPU fairly busy. Every once in a while, you had to kick it up a notch and close out year-end accounting or run a few COBOL apps. Overall, you could look forward to pretty good job security.

When Does Liquid-Immersion Cooling Make

Sense? – Part 1

You may have heard about liquid-immersion cooling, at least in theory, and thought it might be right for your data center. Perhaps you've even done some reading and tucked away a few facts and figures. But, as with any major investment, you likely don't press the buy button until you have a clear understanding that it can solve your specific challenges.

In this first of a three-part series, we'll tap into our 10 years of industry-leading technological development and client installations to provide a real-world view of what our groundbreaking proven solutions offer.

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10 Years of Supercomputing Achievements

People believed the Earth was flat for hundreds of years. Though the comparison is not quite as weighty, GRC finds that many infrastructure and operations professionals hold misplaced ideas about liquid-immersion cooling that linger to this day.