GRC and Intel: Partnering for a Cooler Tomorrow

Several factors are making immersion cooling an inevitable solution for data centers hoping to thrive amid the new IT realities.

Power density trends are pushing air cooling beyond is thermodynamic limits. The rise of edge computing has I & O professionals scrambling to find cooling solutions that work well in remote, often harsh environments. And sustainability has become a worldwide concern as companies seek to reduce energy usage, energy waste, and limit their impact on the environment.

See What the Future has in Store – Watch Our Video

GRC is proud to partner with Intel® and other trusted industry-leaders to address these challenges. Watch the video below and you'll hear from Mohan J. Kumar, Intel's Data Platform Group Fellow, and GRC's CEO Peter Poulin. They'll discuss how, working together, the two technology innovators are striving to perfect the entire immersion cooling ecosystem in terms of fluid compatibility, native server design, energy usage, and more.JTNDZGl2JTIwc3R5bGUlM0QlMjJwYWRkaW5nJTNBNTYuMjUlMjUlMjAwJTIwMCUyMDAlM0Jwb3NpdGlvbiUzQXJlbGF0aXZlJTNCJTIyJTNFJTNDaWZyYW1lJTIwc3JjJTNEaHR0cHMlM0ElMkYlMkZwbGF5ZXIudmltZW8uY29tJTJGdmlkZW8lMkY2NDcwODg2NTYlM0ZoJTNEZGNlZmM5MzkwNCUyNmFtcCUzQmJhZGdlJTNEMCUyNmF1dG9wYXVzZSUzRDAlMjZhbXAlM0JwbGF5ZXJfaWQlM0QwJTI2YW1wJTNCYXBwX2lkJTNENTg0NzklMjBmcmFtZWJvcmRlciUzRCUyMHBhY3R1cmUtaW4tcGljdHVyZSUzRCUyMHNjcmVlbiUzQiUyMHBpY3R1cmUtaW4tcGljdHVyZSUzQiUyMGZ1bGxzY3JlZW4lM0UlM0MlMkZpZnJhbWUlM0UlMEJTIycG9zaXRpb24lM0FhYnNvbHV0ZSUzQnRvcCUzQTAlM0JsZWZ0JTNBMCUzQndpZHRoJTNBMTAwJTI1JTNCaGVpZ2h0JTNBMTAwJTI1JTNCJTIyJTIwdGl0bGUlM0QlMjJHUkMlMjAlMjZhbXAlM0JhbXAlM0IlMjBJbnRlbCUyME9uJTIwUGFydG5lcnNoaXAlMjIlM0UlM0MlMkZpZnJhbWUlM0UlMEJzcmMlM0RodHRwcyUzQSUyRiUyRnBsYXllci52aW1lby5jb20lMkZhcGklMkZwbGF5ZXIuanMlM0UlM0MlMkZzY3JpcHQlM0U=

Experience What Immersion Cooling Can Do for Your Data Center

Email us at ContactUs@grcooling.com or call **+1.512.692.8003**.

Supporting IT Infrastructure in an Immersed Environment

Organizations across the globe are starting to pay attention to the financial, environmental, and ancillary benefits of immersion cooling (IC) technology. Adoption of IC is being driven by multiple factors, among these are significant financial benefits and the capability of processing big data at the edge.

Immersion Cooling is Crucial for

Driving Future ICT Growth in the Middle East

Years ago, certain technology services were nothing but a fantasy, except thanks to the continuous technical innovations, it became reality. There is no doubt the non-stop technological evolution has changed our lives to a degree that technology has become indispensable in most if not all areas of life.

How Liquid Immersion Cooling Benefits Sustainability

Cooling a data center never used to be this hard. But IT and data center professionals have watched the thermal design power (TDP) of chips rise almost 50% in the last decade, generating more heat and using more power than ever before. Rack density has grown. And hot GPUs are becoming the weapon of choice for tackling high-performance computing (HPC) requirements.

Upgrading Air-Cooled Data Centers to Immersion Cooling is Simpler Than You Think

Upgrading an air-cooled data center to an immersion cooling solution is a lot simpler—and less stress-inducing—than most people imagine.

Data Center Capacity Planning – An Alternate Approach

When it comes to accurately and reliably undertaking a capacity planning initiative, the challenge can be daunting. Do you recall how much planning, effort, and time went into your last attempt? You needed to forecast the necessary compute to meet your mid-term business needs, as well as project your long-term growth requirements, while trying to keep budgets in line. Skillfully and successfully doing all this is no simple task.

Data Center Cold Wars – Part 4:

Single-Phase Immersion Cooling Versus Rear-Door Heat Exchangers

Things are really heating up out there. Even conventional computing operations are frequently pushing the 30 kW/rack barrier now. HPC apps like AI are becoming commonplace. And because IT is such an integral part of business growth, IT execs are under renewed pressure to have a fail-proof game plan for scaling up.

Data Center Cold Wars – Part 3: Single-Phase Immersion Cooling Versus Cold Plate

Cooling a data center never used to be this hard. But IT and data center professionals have watched the thermal design power (TDP) of chips rise almost 50% in the last decade, generating more heat and using more power than ever before. Rack density has grown. And hot GPUs are becoming the weapon of choice for tackling high-performance computing (HPC) requirements.

When Does Liquid-Immersion Cooling Make Sense? Part 3

The third installment of our “When Does Immersion Cooling Make Sense?” blog series focuses on edge deployments, integrating high-density racks, and adding more capacity to your data center when you can’t move to the cloud.

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.