

Ensure a seamless  
ICE Cube Air  
deployment with  
SGI Professional  
Services

#### SERVICE HIGHLIGHTS

Thorough assessment of physical installation site to identify potential risks to deployment

Convenience of a single provider for all site preparation services

Connect and test power and cooling systems to ensure proper operation of IT assets

## ICE Cube® Air Deployment Services

ICE Cube Air Modular Data Centers (MDCs) bring the latest data center technology to a location of your choosing. The air-cooled and expandable design makes ICE Cube Air deployable to nearly any location in any environment. But despite the capability to bring compute power anywhere, an MDC deployment requires planning, preparation and specialized knowledge from experts with decades of data center experience.

Together with our experienced partners, SGI Professional Services can ensure a smooth and seamless modular data center deployment. Based on our combined experience with MDC deployments, SGI Professional Services offers a suite of services designed to help you plan, prepare and power up your ICE Cube Air—no matter where that might be.



### Step 1: Planning for Deployment

The first step to a problem-free deployment is to conduct a survey of the installation site. Our *Site Readiness Assessment* will address all the relevant aspects of the installation site to uncover any hidden risks and outline all improvements and preparations required for a smooth deployment. SGI will assess:

- Site access requirements
- Physical placement, clearance and structure support
- Power and cooling feasibility
- Ongoing maintenance and support planning
- Weather and geologic considerations

### Assessment Deliverables

1. A detailed assessment of proposed deployment site
2. Narrative scope of work for required site and infrastructure upgrades
3. High level schematic design
4. (Optional) Pricing for any identified site preparation services



# ICE Cube® Air Deployment Services

## Step 2: Preparing the Site

Our *Site Preparation* service is a custom service based on the outcomes of the Site Readiness Assessment. With a clear understanding of the requirements from the site assessment, SGI partners with experienced data center construction partners to ensure a coordinated construction process, resulting in a smooth deployment.

## Step 3: Installation and Commissioning

When you're ready to deploy, our *Installation & Commissioning* service is designed to ready the ICE Cube Air for IT equipment load. SGI Professional Services will oversee the delivery of the assembled MDC units, connect power and water, and perform integrated system testing to verify all mechanical and electrical systems are operating as designed. The Installation & Commissioning service includes:

- Onsite program management throughout delivery and off-loading of the assembled ICE Cube Air unit, and supervision of electrical & mechanical scope of work
- Provide and install copper wire from provided switch to main input breaker on MDC
- Provide and install copper piping to connect the water service to the water inlet of the MDC
- Performance of functional test procedures
- Provide test results and a final commissioning report

## Learn More

- Learn more about ICE Cube Air – the expandable Modular Data Center  
[http://www.sgi.com/products/data\\_center/ice\\_cube\\_air/](http://www.sgi.com/products/data_center/ice_cube_air/)
- For additional information, contact your local Professional Services Engagement Manager
- For services beyond the scope of the deployment offerings described here, SGI Professional Services can design a custom solution to meet your data center needs



An ICE Cube Air modular data center is unloaded as part of the Installation & Commissioning service.

SGI Professional Services delivers a unique convergence of technology, innovation and expertise to accelerate business results.

### Corporate Headquarters

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