Rahi Systems

MIGRATION SERVICES

Changing business requirements and ever-increasing IT demands are taxing many data center infrastructures. Organizations find themselves short of physical space, electrical power or cooling capacity — and in some cases all three. Given a limited set of options, moving to a new facility with the capacity to support continued growth is often a good choice.

Mergers, acquisitions and organizational restructuring may also precipitate a data center migration, as well as the need to move to or from a co-location provider. In addition, data center migrations provide an opportunity to consolidate the infrastructure, improve resource utilization and optimize performance.

No matter what the reason, a data center migration is one of the toughest challenges IT teams face. A migration project requires significant manpower and precise execution to ensure successful completion within the scheduled downtime window.

Rahi Systems has extensive experience planning and executing migration projects for customers worldwide. Our proven processes and best practices approach help to mitigate risk and meet your business objectives.

THE RAHI DIFFERENCE

Turnkey Services

Proven Methodology

Experienced Experts

Fully Insured

Global Presence

Phase 1: Assessment, Discovery and Planning

Before beginning a data center migration project, it's important to understand where you are going and why. The Rahi Systems team has the expertise to help you assess your current environment and design an infrastructure that meets your short- and long-term needs.

With that basic roadmap in place, we will work with you to plan the data center migration. The first step is to conduct a detailed review of the infrastructure so that we understand the technical dependencies. We will also document the physical, logical and operational relationships between every component and application in the environment.

Next, we will compare the current state of affairs with your identified goals. What needs to be consolidated or upgraded? How will these changes impact the production environment? We will meet with application and device owners, as well as operational and support teams, to validate the design and ensure success.

The final step of this phase is to determine the available downtime window and develop a detailed project plan. In many cases the migration is done in a phased approach to minimize business impacts.

Phase 2: Migration and Validation

Our migration team includes skilled technicians capable of executing the project plan in the available time frame. Working rack by rack, we will complete a detailed physical inventory with rack elevations and port and cable maps. Every component and cable is carefully labeled with origin and destination details.

Once everything is ready, we will shut down each device and remove the equipment from the rack. We will also oversee the packing of the equipment for transport by a third-party logistics provider.

Once the equipment arrives at the new data center, we will unpack it and install it in the appropriate racks and cabinets. We will then power on the equipment and validate that it is working properly. Should a device fail, we can assist with troubleshooting the issue or procuring a replacement.

DATA MIGRATION

Organizations seeking to migrate applications and data to new platforms face a number of challenges. For example, storage devices from different vendors may have different protocols, file systems and administration.

Rahi Systems can perform storage, database and application migrations. As with a physical data center migration, we will analyze contingencies and create a plan that minimizes the risk of downtime and data loss.

Ensuring Success

Moving even a few racks requires significant planning, while a full-blown data center relocation is a large-scale project that can touch virtually every department within an organization. IT managers must ensure that the move is executed with precision and that all deadlines are met in order to prevent disruption of mission-critical business processes.

At Rahi Systems, we understand why data center migration projects fail, and have developed a proven methodology that helps ensure success. Our services help to ease migration pain through our proven expertise and careful attention to detail.

To learn more, visit **www.rahisystems.com** or call 855-RAHI-SYS.

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