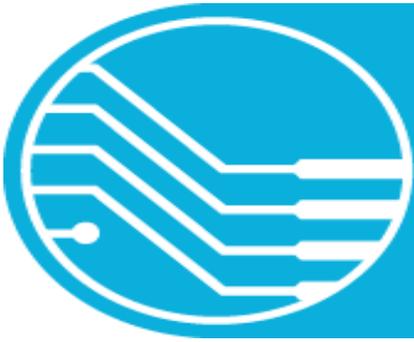


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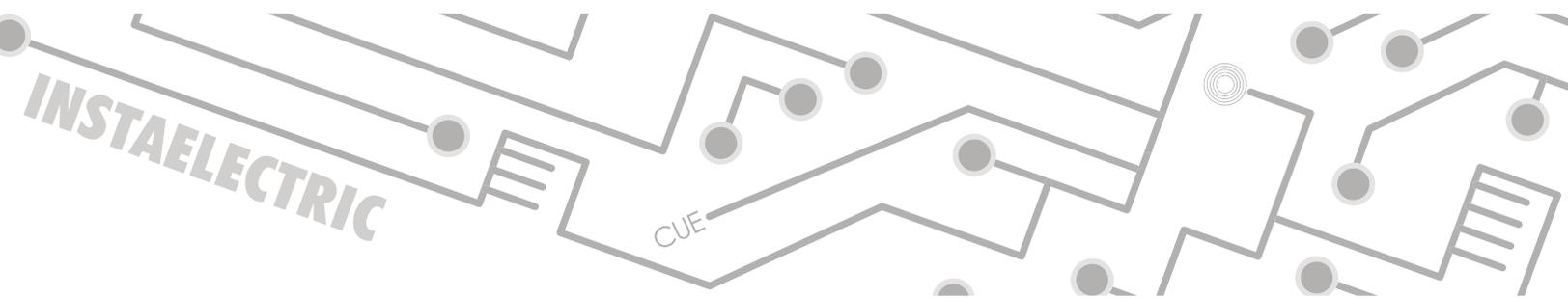
white papers



Achieving a sustainable operation in your center

By: Gabriela Manrique

The need for a data center high availability requires an operational infrastructure capable of rapid and effective response. You need to make an assessment of the organizational structure and behavior to achieve continuous improvement center procedures, so that this does not negatively impact your operation.

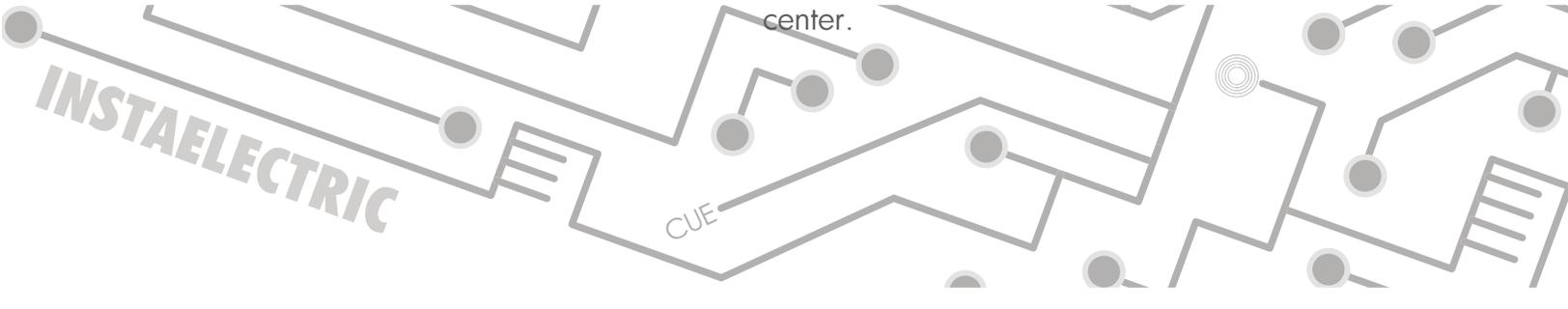


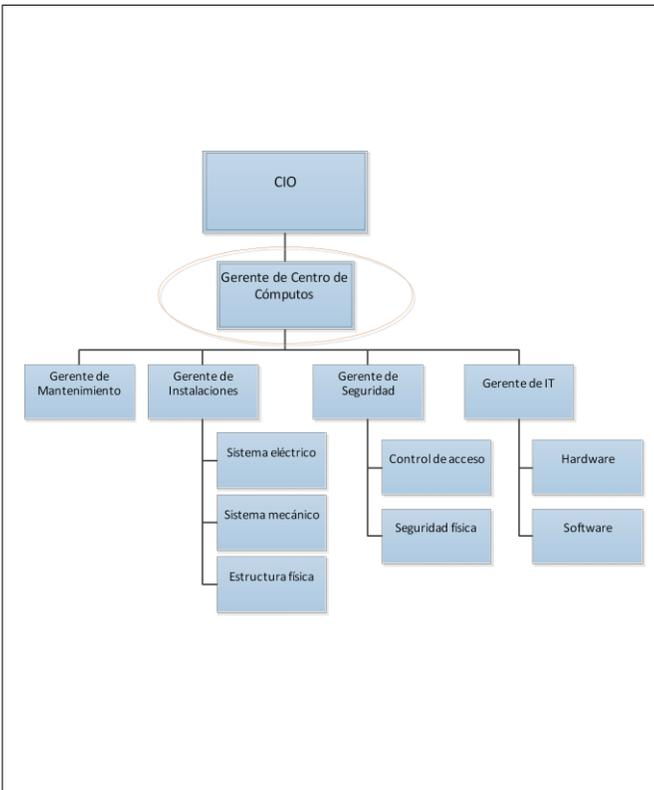
Beyond a robust, redundant equipment and energy efficient infrastructure, operational infrastructure maintenance center impacts the availability and efficiency of it causing the organization does not meet your business objectives. Instaelectric offers a solution, where through a study of the methods of its facilities is possible to evaluate the gap between operations and suggested by international standards (such as the Uptime Institute).

According to the Uptime Institute, 70% of faults occurring in data centers are caused by human error, 30% at fault for damage to equipment. Most centers do not have adequate resources and trained, lacking processes and procedures, and maintenance programs are ineffective; thus increasing the risk of heart failure by erroneous behavior of the staff.



Generally, centers that are part of an organization that its operations are not done hosting to others, lack a central figure datacenter manager can make decisions on other departments. This creates a bureaucracy for making decisions (even when these are urgent) risking center availability. The computer centers that work most successfully are those where there is an integrated environment critically and procedures of personnel management and maintenance, and even your workout, do not depend on an external administration center.





We have the ability and accreditation to assess the current infrastructure of the center, and to suggest a plan of evolution in their procedures to minimize human error in all critical environments. The goal is to convert a high reliability organization and anticipate failures that are expected.

The presence and training of personnel directly depend on the Tier. The management and organizational structure of the center are key factors that significantly impact the sustainable operation. The number of qualified personnel, their presence 24/7 and proper organization define success center.

It is necessary to develop a method of procedure that contains the details of operation and maintenance activities of all equipment of the center. You must have all the steps, tools and parts required work.



Finally, an integral staff training program should be as rigorous as their tier topology requires. The lack of this program is doomed to failure from the center. While the organization requires greater availability of its center, there is an increased requirement for the presence and training of personnel, and integration with the rest of the organization.

Following our suggestions based on Uptime Institute standards, allows you to determine the appropriate procedures and justify the qualified personnel required to operate the center effectively and reduce the failure rate.

“ Called to action (an event that captures the attention of the public) having a proactive staff trained and informed have much impact on the availability of the center as the physical infrastructure tier ”



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