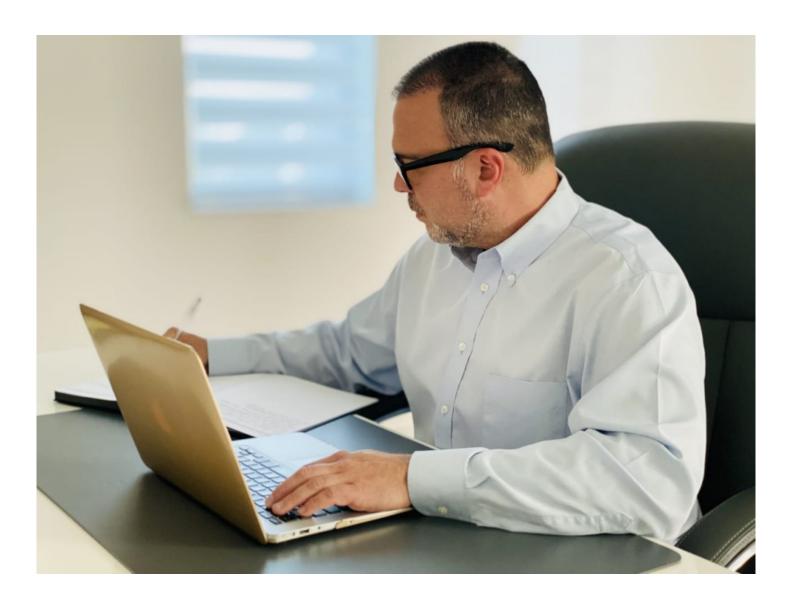# Cloud Computing During a Pandemic Presents Both Opportunities and Challenges | Joaquin Fagundo

Florida, Orlando, Feb 11, 2021 (Issuewire.com**)** - While the rate of adoption of cloud computing by businesses and organizations has been accelerating over the past decade, the arrival of the coronavirus has sent that rate into overdrive. But though it has never been easier to move operations into the cloud, the move is fraught with potential problems.

Managing the transfer from traditional computing to cloud computing is challenging, notes information technology expert **Joaquin Fagundo**, but, he says, in most cases, the rewards make adoption worthwhile.

"Through many personal experiences implementing cloud strategies, meetings with leading cloud

providers such as Amazon (AMZN), and my experience in consulting services with many large global organizations such as Johnson Controls (JCI), I've learned many lessons in implementing cloud architecture and the migration approach of legacy environments and the risk it can present to any company if not properly planned," said **Joaquin Fagundo**.

First, he notes, the term "cloud" itself can have many variations of its meaning. To most, the cloud is simply a technology that enables an organization to move its applications to a service provider and eliminate the need of managing the complexity that comes with day-to-day support and the cost of ownership, especially for applications that are considered the end of life and support.

According to **Joaquin Fagundo**, who has 20+ years of IT experience, "Moving applications to a cloud solution requires careful thought processes and an understanding of how an application behaves in such environments. Below are a few of my observations on this topic and the approach that should be considered when planning any cloud strategy."

Cloud can provide significant benefits — pay per use, scalability, reduced infrastructure, and centralized management — but it can also be a dangerous proposition if you don't thoroughly understand its characteristics and purpose.

"A deep analysis must be performed and a clear strategic roadmap aligning to the long-term objectives needs to be designed into any cloud solution," said **Joaquin Fagundo**. "I have seen in many cases an extensive requirement for application modernization due to latency issues and non-support of WAN, significant levels of virtualization needed and a thorough understanding of how the process must be defined (ways of working). I have been fortunate to play a critical role in several cloud outsourcing agreements where I've held the responsibility to define the strategy, business roadmap, analysis of the environments, and drive the migration approach and can honestly say that there is no single source of a cloud strategy.

"The organization's business model, the complexity of its revenue source, and the above-mentioned points will define if you are a candidate for public, private, or hybrid deployment," he added.

Joaquin Fagundo notes that potential alternatives to Cloud when considering risk vs. benefit can be a Hyper-Converged Infrastructure (HCI) solution, which delivers integrated bundles of computing, storage, and network resources, as well as the software that, can manage those environments. There are other similar solutions such as "Data Center in a Box" that works similar to an HCI model and can live within your own data center giving you full control over the environment and the data.

"The deciding factor lies in the understanding of the company objectives," cautioned **Joaquin Fagundo**. "The short- and long-term plan, the financial standing and available capital to invest in such solutions, and a clear roadmap of how to get to the end state.

"There is no single answer," he said, "there is no single approach or solution but having the right skills, knowledge, and team can greatly increase your success factor."

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