



## Managing Information Systems 3 Inc. - Specialized in IT Modernization



*Dhiva Navaratnam,  
VP of Infrastructure Solutions*

### *About the VP Infrastructure Solutions*

*Dhiva Navaratnam* is the VP of Infrastructure Solutions. He is responsible for the strategy and technology stack under the Next Generation Infrastructure practice at MIS3 Inc. North America wide; His role is primarily identifying new and innovative technologies to address MIS3's client requirements. Next-generation infrastructure technologies are selected to adhere to MIS3's secure digital transformation framework to address modernizing technology architecture goals, simplify workflows and processes, reduce data center footprint, increase automation and orchestration. It enables clients to become more efficient consumers of technology.

Dhiva has hands-on experience with complex, large-scale IT projects as a solution architect and systems engineer in 3 tier and hyper-converged architecture, cloud-based platforms (private, public, and hybrid), and data center networking. The expertise provides him a strong background in understanding clients' business and technical requirements. He develops and manages a team of consultants and skillsets to deliver relevant technologies, including Nutanix, Rubrik, Cloudian, f5, Iguazio, D2IQ, Rancher Labs, HashiCorp, Virtana, etc.

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*We have been searching for a true business partner for a while that can help us understand which technologies can serve us and our business owners better. We found a real business and technology partner in Mis3,” VP of IT, a Not-for-profit organization.*

In a world where technology is becoming more and more adopted by the masses, IT modernization has become an absolute necessity. IT modernization allows clients to go from a current legacy state of IT operations and architecture to a modernized state, in the form of SaaS, Public

Cloud, and On-Premise. The MIS3 Inc. CEO believed all organizations were about to embark on a major transformation that would force them to reimagine their business. Thus, it led to the formation of the company in 2017. We had a conversation with Dhiva Navaratnam, VP of Infrastructure Solutions at MIS3 Inc.

### ***How do you contribute to business transformation through IT Modernization?***

In my role as VP of Infrastructure Solutions, I am responsible for driving and executing the Next Generation Infrastructure strategy with a focus on new and innovative solutions that enable clients to achieve their business goals. MIS3 incorporates a step-by-step consultative framework to assist clients in their secure digital transformation journey as they transition their workloads and applications to a private or public cloud, implement SD-WAN infrastructure, and modernize their existing infrastructure and Security around the private and public cloud. Successful Digital Transformation requires in-depth knowledge of existing infrastructure, processes, and workflow before making accurate transforming business decisions. As such, my focus is on identifying partners with technologies that align with our digital transformation framework. I lead a team of experienced consultants in providing thought leadership and professional services to assist clients in their journey.

### ***What are your innovative, disruptive technologies, and how are they relevant to every organization?***

Our Secure Digital Transformation framework drives the technologies we partner with. We believe the process of securely transforming includes moving to HCI, SD-WAN, Cloud (Private/Public), Application Integration and Orchestration, with a secure focus in every aspect. We partner with both established market leaders such

as Nutanix, Rubrik, SilverPeak, Virtana, HashiCorp, along with many others. Every technology we partner with is either disruptive or more efficient within its vertical and offers clients the ability to meet business requirements more efficiently. For example, Nutanix offers unapparelled simplicity, automation, and orchestration out of the box, all required if a client is to modernize and transform from 3 tier architecture. In the backup space, Rubrik offers immutable backups, a necessity in today's IT environment where ransomware is a driving concern for all clients. Virtana offers a real-time and detailed view of a client's environment, from the application stack down to the LUN level and every data path in between in real-time, information that is not readily available to most businesses yet critical to all for all business decisions. We believe SilverPeak offers clients a compelling solution to modernizing their WAN infrastructure and clients with a cloud-first approach securing the extended application environment while also integrating with on-prem application security. Each technology we partner with is disruptive in some sense and relevant to every organization for their secure digital transformation journey.

### ***Explain your managed services.***

MIS3 offers FAaaS (File Archive as a service), BaaS (Backup as a service), and DRaaS (Disaster Recovery as a service) managed services to our clients. FAaaS provides high-efficiency, low-cost storage for redundant and irrelevant files while adhering to compliance regulations. Data can be safely stored in our partner data centers in Canada, in

the cloud, or using a hybrid solution. BaaS offers an easy-to-manage, reliable cloud backup-as-a-service solution that fits client's needs. Managed BaaS removes the need to rotate storage devices, manually move data off-site or perform integrity checks and deduplication. DRaaS offers affordable and efficient replication of physical or virtual servers and data by providing failover in the event of a natural or man-made disaster. Our managed services provide secure, user-friendly, and financially efficient options to clients to offload IT systems/processes with data security and locality built-in for clients.

### ***What is unique about Hyper-Converged Infrastructure, and why should people adopt it?***

HCI allows for the modernization of 3 tier architecture into a more modern and efficient platform, on a much smaller footprint incorporating the latest in software and hardware capabilities. MIS3 partners with Nutanix for HCI. Nutanix has a software-defined approach allowing for the deployment of Nutanix on commodity HW on-prem and across multi-cloud, allowing for the same look and feel, be it on-prem or in the cloud. Nutanix also provides their own Hypervisor – Acropolis Hypervisor, which provides 95% of other market-leading hypervisors' feature set at no additional cost. Moving to Nutanix HCI allows for automation and orchestration of workloads, bursting of workloads from on-prem to the cloud, virtualization of the network stack allowing for micro-segmentation for greater Security across an enterprise, and lowering cost by utilizing AHV as the hypervisor of choice.