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Cloud Migration and Implementation: A Case Study

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Learning Objectives

- **Learning Objective 1:** Reasons why a design firm will be more collaborative by migrating their firm to a private cloud infrastructure.
- **Learning Objective 4:** Financial benefits and gains by migrating to the cloud will be discussed.
- **Learning Objective 3:** Security: The lessons we have learned and why the cloud has increased our security posture.
- **Learning Objective 2:** The pitfalls to learn from when migrating your firm to a cloud environment.

Description

Join Adam Glass from Advance2000, Andre Voss from CGL Companies and Michael McCaslin from Lanier and Associates as they highlight the benefits, pitfalls and successes firms can experience when partnering with a cloud provider. As the workplace or "Cloud Space" continues to grow and evolve; Architecture, Engineering, Design and Construction firms are experiencing real tangible benefits. Real-time collaboration, unlimited scalability, global mobility and increased security after migrating to a cloud infrastructure. These case studies will walk you through their migration, struggles, and overall successes with the cloud.

Speaker(s)

Adam Glass

Adam has been a Technologist for thirty years, the last nine years with Advance2000. During that time, he has worked in technology design, sales and management roles. As a Sr. Technologist with Advance2000, Adam works with companies to employ and take advantage of available technology to better position their company's goals. Adam has experience in the Architectural, Engineering, Healthcare as well as K-12 and Higher Education markets.



Last year, Adam started Cloud Space as a platform to talk about how the "cloud" has evolved from a consumer data storage utility into the hyper-speed, ubiquitous universe that it has become. While everyone employs the cloud every day, (whether you realize it or not) it is still a very confusing and evolving topic.



Andre Voss

I have always viewed the architect as a holistic professional and found most rewarding experiences in the diversity of our daily experience - perpetually learning, continually teaching: advancing communities, building a sustainable environment, serving client's needs, leading teams, managing projects, mentoring colleagues, while always striving become a better practitioner.

Born, raised, and educated in Germany, my path is very much based in the balance of tradition and modernity: on the one hand the "Baumeister" –master builder– the practitioner responsible for every aspect of the project, on the other hand the Art and Crafts movement, Bauhaus, and the visionaries of modernism.

The third influence in my life is a fervent believe that any human activity in this day and age must be based on long-term considerations for environmental sustainability and human health and welfare.



Exposed to emerging technologies as early as the mid-1990s, I realized these innovative concepts enable designers and builders of all disciplines to interact on a more fundamental level. Building my expertise in design, sustainability, and technical architecture, I've been using these tools to foster better reintegration of the responsibilities that have been siloed into specialists' tasks.

<https://www.andre-voss.com/>

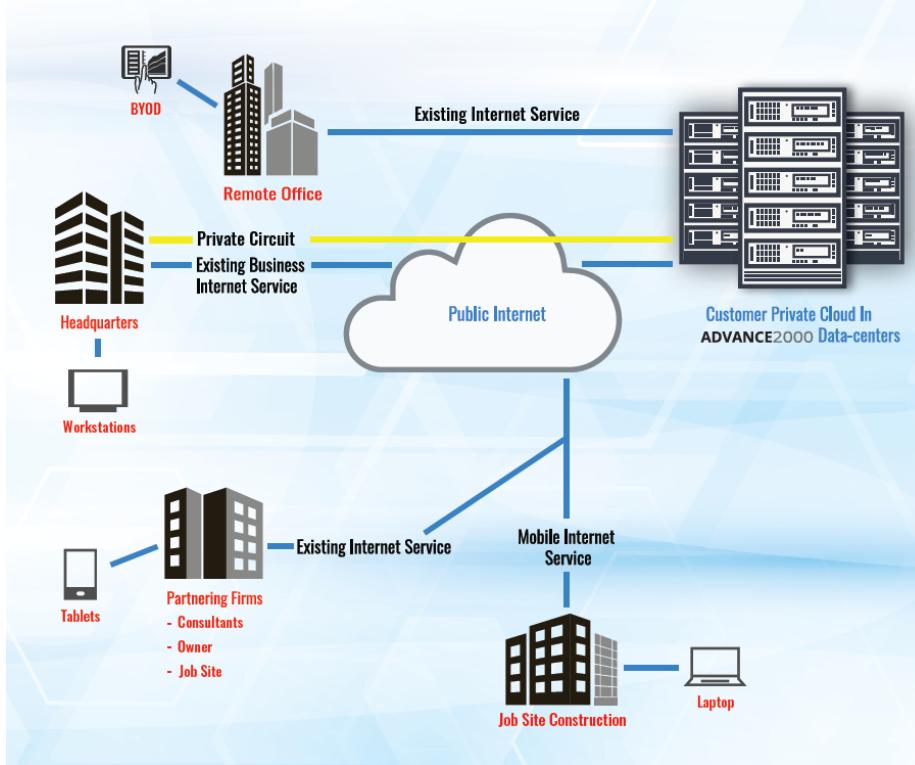
Throughout this session, Adam, Andre and Michael will be discussing real-life examples of two firms that have made the decision to migrate to the cloud – how they selected their provider and why.

Reasons why a design firm will be more collaborative by migrating their firm to a private cloud infrastructure.

Migrating to the cloud is inevitable. The major decision is going to be whether to partner with a public or private cloud vendor. The options for cloud vendors is growing so it is critical to select a vendor that best fits your business needs and understands your applications, industry and day-to-day operations.

Check out our ebook for more detailed information on why partnering with a private cloud provider can be the best decision your firm makes. [Moving to a Private Cloud: Advantages, Disadvantages and Cost Factors](#)

For more information on how Advance2000 builds and supports your cloud infrastructure, stop by booth AE508 or contact Adam Glass at 732-245-3294 or aglass@advance2000.com



Financial benefits and gains by migrating to the cloud will be discussed.

Choosing a cloud provider that brings all the different tools into one platform is a game changer. Being able to turn your IT from capital expense to predictable operational expense, will ensure you reap the benefits.



Anytime you have premise-based equipment, there will be a cost to install, configure, maintain, and manage it. Using cloud-based infrastructure greatly simplifies your local network. We don't have to deal with network access, internet access, updates, backups, files, data locations, etc.

A cloud service-provider model provides many benefits. You have hot spare virtual desktops on standby. New desktops can be provisioned and decommissioned quickly and easily, software licensing is taken care of, and managing your network is easier. In addition to desktops, a cloud service provider can also host your email, phones, and wireless connection.

Security: The lessons we have learned and why the cloud has increased our security posture.

Cybersecurity is an ever-evolving threat putting critical business operations at risk. It's not if, but when you will be compromised. Believe it or not, the cloud provides increased security.

All your technology is in a single zone of control. It's kept in a single location in a data center, with a single controlled point of access. None of your data is stored on premise or on mobile devices, tablets, or laptops so it's only accessible from the data center. If a laptop or tablet is stolen, your data is secure in the data center.

It's not hard to spend a lot of time and money on security. As a company, you decide how much money to spend, and what's important to secure – the cloud makes that easier and less expensive to do.

The pitfalls to learn from when migrating your firm to a cloud environment.

When moving to the cloud or dealing with IT in any capacity, there are always going to be issues, frustration and pitfalls.

One thing, we at Advance2000 see more than not, is the lack of research when partnering with a cloud provider or companies that have waited too long and lost their data to hacking. It is crucial to partner with a firm that knows your industry, uses your applications, staffs employees that have the knowledge to support those applications and that is experts in the AEC industry. If they are not, other than providing all the parts to the cloud, you are on your own to build that cloud and support it; and we have seen that over and over.

Additional Resources:

- Advance2000 Previous Autodesk University Speaking Engagements
 - [AU 2021 Breakout-Session- Remote Working Using Virtual Desktops \(VDI\) Powered by NVIDIA & VMware](#)
 - [AU 2020 Webcast: Henderson Engineering – Private Cloud Powered by Advance2000](#)
 - [AU 2020 Webcast- A Private BIM Cloud: Live Demo](#)
 - [AU 2020 Webcast – How Do We Move Forward in the “New Norm”](#)



- Follow Adam and Cloud Space for more industry talk, tips & tricks and the opportunity to join him on his next minisodes!
 - [Determining Your Security Posture](#)
 - [How to Get Your Architectural, Engineering and Construction Firms into the Cloud](#)
 - [Cloud Space & Reducing Your IT Spending](#)

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