

# BIOS IT to showcase Optimised Cloud for FinTech at FIA Chicago

Submitted by: BIOS IT

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Financial leaders are facing business transformation pressures from multiple fronts, including new and evolving applications, regulatory requirements, security threats, business accountability, and line-of-business relationships. The adoption of innovative and disruptive technologies such as cloud and AI has allowed fast-moving organisations within financial services to quickly gain traction in the market and challenge the incumbent.

At BIOS IT, we're seeing a rise within financial institutions seeking private cloud solutions to fulfil their requirements. A private cloud offering nullifies the issue of latency that arises with public cloud offerings, boosts the availability of resource, avoids data movement costs and allows our customers to provision and scale at the touch of a button - all while reducing costs and raising profitability.

At FIA Chicago (<https://bios-it.co.uk/events/2019/FIA2019.aspx>), BIOS IT will showcase vScaler (<https://bios-it.co.uk/PartnerFocus/vScaler.aspx>) - an optimised cloud platform for finance workloads. vScaler offers its financial customers a secure, scalable and regulatory-compliant cloud platform including fully managed service packages based around tailor-made service level agreements. Featuring containerised and batch-based environments, and optimised for both development and production workloads, vScaler brings the agility and cost savings of the cloud on-premise within your secure facility, without compromising performance.

Artificial Intelligence (AI) has proved to be a critical tool in remaining afloat in the highly competitive finance world and the use of AI has increased massively across applications such as analytics, security and anti-fraud. The NVIDIA® DGX-2™ (<https://bios-it.co.uk/GPU/NvidiaDgx.aspx>) recently smashed a previous benchmark result by backtesting approximately 20 million trading simulations (<https://bios-it.co.uk/blog/2019/05/28/dgx2.aspx>) in an hour. vScaler recently integrated an NVIDIA® DGX-2™ based AI Management system into its cloud offering, enabling finance houses with a scalable, cost-effective AI reference architecture.

With support for both GPU and FPGA in its private cloud appliance, designed to accelerate computational workloads including Quantitative Risk modelling and Portfolio valuation, vScaler can integrate accelerated analytics systems as part of your cloud-based infrastructure out of the box and its database optimised platforms can include accelerated storage and flash technology.

For more information visit [www.bios-it.com](http://www.bios-it.com) (<http://www.bios-it.com>) or contact us (<https://bios-it.co.uk/about/contact>) to discuss your FinTech requirements.

## About BIOS IT

BIOS IT is a global design house, systems builder and integrated solution provider for enterprise performance computing. We construct bespoke clusters and appliances by handpicking the best components and newest technologies based on specific customer goals. We support well-known organisations at the top of their research fields, across science, engineering, academia and finance disciplines. Our comprehensive range of products and services include: high-performance enterprise servers, storage and networking, on-premise or in the cloud, with associated services, support, hosting and software.

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