



5 TECHNOLOGY ADVANTAGES AMDOCS JUST GAINED WITH ITS OPENET ACQUISITION

In July 2020, Amdocs announced its acquisition of Openet and, here at VoltDB, we were thrilled and proud to hear the news. We're thrilled because we've partnered with Openet for many years, and have witnessed first-hand as they evolved to become a global leader in 5G charging, policy and data management – capabilities that Amdocs CEO, Shuky Sheffer, cited as core reasons for the acquisition. It's a well-deserved outcome for such an innovation leader. We're proud because Openet has long used VoltDB to power its best-in-class digital and 5G business support systems.

Openet founder and CTO, Joe Hogan, said, “We all look forward to the combined technology strengths of Openet and Amdocs creating new opportunities for service providers at this exciting time of 5G adoption”.

With that in mind, here's our own summary of the technology strengths Amdocs will gain as a result of this acquisition:

> 1. MODERN, CLOUD-NATIVE PLATFORM

The Openet platform was built from the ground up to take advantage of modern technology enablers such as containerization, to offer their customers an ‘out-of-the box’ experience and a faster path to 5G transformation. Many legacy providers are attempting to adapt to this new world by simply moving existing applications and associated data to a cloud platform. Openet, by contrast, designed and built a new platform to meet today's exacting requirements around speed, flexibility, invisible recovery, virtualization, and elastic scalability.

> 2. PRECISE, REAL-TIME DECISIONING

The Amdocs acquisition of Openet demonstrates their recognition of 5G opening up new monetization and growth opportunities beyond traditional markets. Taking advantage of these opportunities requires utilizing the near zero-latency data transfer promise of 5G, without compromising on data accuracy. Powered by VoltDB, Openet applications have the ability to address the entire spectrum of 5G requirements: ultra-low latency, predictable scalability, cloud-native architecture, intelligence - with accuracy and precision.

> 3. NETWORK AND IT CONVERGENCE

Much has been written about how 5G will enable a definitive shift from human end users to smart and not-so-smart devices. Compared to humans, these devices will be vast in number, act in milliseconds instead of seconds, and be intolerant of outages or SLA breaches. The market, however, wants to expand current techniques and methodologies out to the very edge of the network. This creates a whole new set of challenges and opportunities. Openet's extensive experience in network monetization, charging, and policy control, allowed them to foresee the complexities that would inevitably emerge, and devise a VoltDB-backed product line that simultaneously meets 5G standards and the demands of a machine-to-machine connected enterprise world.

> 4. AGILITY & RESPONSE

Openet realized early that 5G will require a more agile and nimble micro-services oriented architecture (rather than a monolithic application architecture) in the policy and charging space, to allow accelerated launching of new products, APIs, and platforms. By rewriting their platform and using VoltDB as the underlying storage & decision engine, they are able to provide template code that can be easily customized to support a wide range of applications and enable them to respond quickly to changing customer requests and requirements.

> 5. MANAGEABLE COSTS

Out of control costs have been a major factor in the explosion of new (and often 'free') database products introduced in recent years. But businesses are now learning that lower up-front investment can quickly become irrelevant, forcing artificial hardware footprint bloat while still not meeting the core requirement of low latency event processing. Eliminating overly expensive licensing fees, applications powered by VoltDB require no costly specialized hardware, involve significantly less maintenance, and use resources far more efficiently.

5G WITHOUT COMPROMISE

Over the years that VoltDB has worked with Openet, we've watched them be selected by multiple tier 1 CSPs, who - as Niall Norton, Openet's CEO stated in the press release - chose Openet to help bring fast value to their 5G plans. Each one of those service providers understands the value of Openet not simply reskinning existing applications for the cloud, but instead redesigning from the ground up, and building a new platform to meet the exacting demands of 5G, cloud-native, edge-designed deployments, without compromise. VoltDB is the technology underpinning these fundamentals.

While many vendors are still trying to "make things work", Openet took the bold step of building what 5G requires and has been reaping the benefits through new business acquisition. We at VoltDB are very proud to be the underlying data platform of their solution and partnering with Openet over the past 7 years. Amdocs has now shown their appreciation of this thoughtful leadership in the industry.

ABOUT VoltDB

VoltDB empowers global organizations to leverage emerging 5G latency standards to power new revenue opportunities, transform their business and operational support systems, or develop strategic integrations for their enterprise customers. The platform instantly derives value from anomalous events captured across multiple streams of fast data, directly influencing in-the-moment monetization, preventing digital fraud, and supporting digital transformation initiatives. VoltDB is purpose-built to address application-specific scale and latency challenges and augment previous big data and messaging investments to enable businesses to evolve from big data analytics to fast data decisions.