

Authentication & fraud prevention, Customer engagement

Client Insights & Intel, part 1: BNY Mellon discusses multi-channel fraud detection and layering authentication in the evolving world of COVID-19

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28 July 2020



This week I sat down with Chuck Gallant, Director of Digital and Data Products at BNY Mellon, in the latest installment of our virtual fireside chat series. Chuck's job is to oversee the development and delivery of digital capabilities in the investor servicing space at BNY Mellon. He and his team support millions of investors with back office services including answering incoming calls and various other office processing tasks. "As you might imagine," he says, "in a retail environment like that which we're supporting, fraud is a significant issue that we have to combat."

The challenges of fighting fraud across multiple channels

I started by asking Chuck about the overlap between the challenges he faces and those of companies like Fidelity and Prudential. He agreed that those institutions face many of the same challenges when servicing retail investors advisors but pointed out that because BNY Mellon are serving multiple clients on behalf of the investor, Chuck and his team have to fight account takeover, identity theft, and other forms of fraud across multiple channels.

In this context, I was particularly interested to get Chuck's perspective on managing fraudster watchlists. He explained that because fraudsters typically attack groups of investment companies, BNY Mellon is in a great position to share fraudster watchlists across these companies. This way, he says, if a fraudster attacks company A, they could see that fraudster on a watchlist from company B.

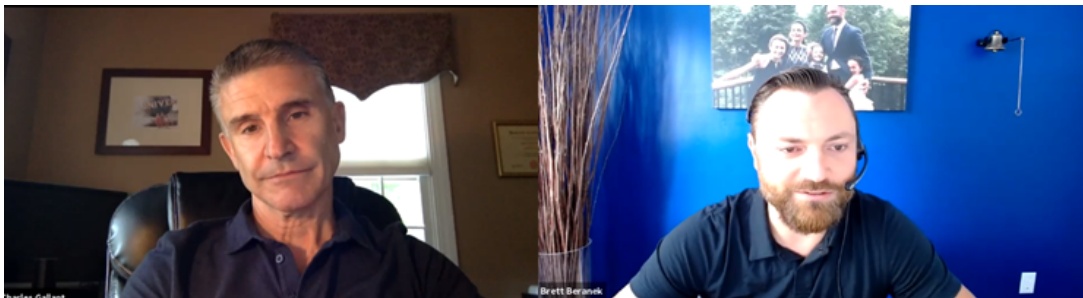
Layering authentication factors for better security

BNY Mellon is a leader in adopting innovative tactics towards authentication and fraud prevention so I was very interested to hear Chuck talk about his vision on that front.

To address their multichannel problems, Chuck and his team are developing a product they call Fraud Hub. Fraud Hub includes a number of components, including Nuance's biometric authentication and fraud prevention solutions. The goal is to prevent fraud by doing things like multifactor authentication, establishing digital identities, sending text alerts, and more.

What these efforts (and others) all lead to, Chuck says, is expanding on Nuance's own risk scoring engine to incorporate multiple other factors, such as when someone's trying to complete a transaction, how many transactions they've attempted recently, and whether they've been unsuccessful before.

I was thrilled to hear Chuck talk about this, because this type of multi-factor approach is exactly what's needed to address this type of cross-channel fraud problem.



Challenges associated with fighting fraud in the era of COVID-19

Interestingly, when I asked Chuck about how his thought process had potentially changed on the topic of fraud in the pandemic era, he said that his thinking hadn't changed significantly. They have seen some fraud schemes trying to take advantage of the crisis. But overall, the amount of fraud is about the same.

Beyond that, they've faced some big challenges associated with rushing to get tens of thousands of people working from home. As part of this process, BNY Mellon worked very closely with Nuance to craft a detailed plan for moving their voice biometric authentication capabilities with their agents. "Anybody that sees this plan is amazed at the amount of detail," Chuck says. "So, I think planning and training, especially with the agents working from home, is critical."

This is a critical element to the success that BNY Mellon is having with voice biometrics: It's not just about the technology, it's also about how you get it implemented and leveraged by your employees.

Tags: [Fraud prevention](#), [Customer success story](#), [Voice biometrics](#)



About Brett Beranek

Brett Beranek is responsible for overseeing the security and biometric line of business at Nuance, a Microsoft company. In this role for the past 12 years, Beranek has brought Nuance to a leadership position in the biometric authentication and biometric fraud prevention space. A thought leader in the field of biometrics, Beranek is a frequent contributor in industry events and the media on the topic of AI technology and its use by the fraud community, and how society can mitigate against these evolving threats. Prior to Nuance, he held various leadership positions in the biometrics and security industry. He has earned a Bachelor of Commerce, Information Systems Major, from McGill University as well as an Executive Marketing certificate from Massachusetts Institute of Technology's Sloan School of Management. Beranek is also a certified Master Fraud Prevention Black Belt professional.



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