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# Hybrid IT Modernization For The Mainframe

Virtual Roundtable Report



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## Virtual Roundtable Report

### IN THIS EBOOK

What Modernization Means for the Mainframe

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Discussion

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Key Learnings

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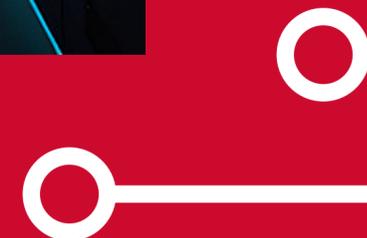
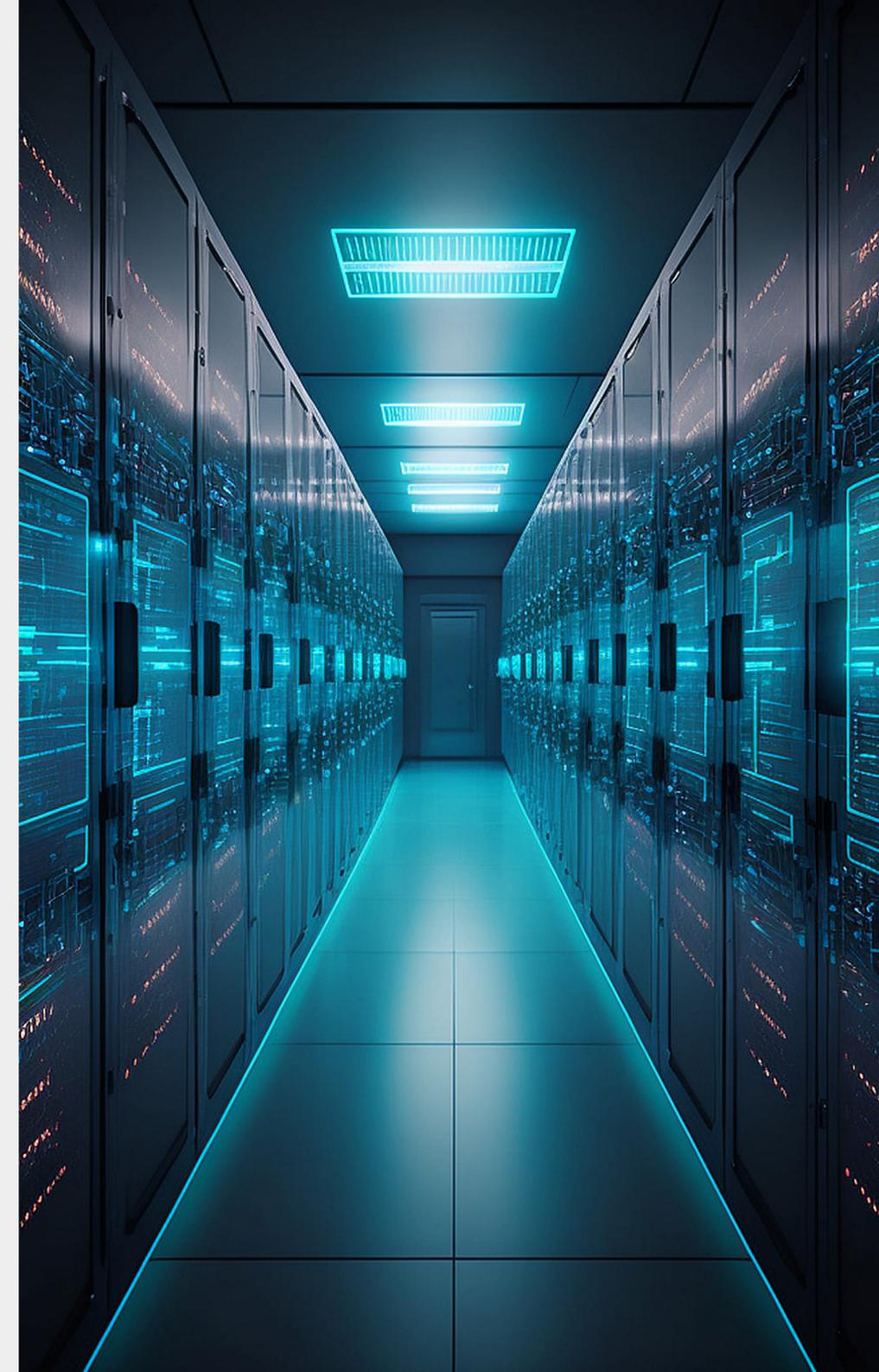
## What Modernization Means for the Mainframe

# What Hybrid IT Modernization Means for the Mainframe

**Explore modernization through a series of executive conversations led by Broadcom and Meet the Boss, focusing on business transformation and modernization.**

Technology leaders from leading global brands, including Citi, J.P. Morgan, Deloitte, Equifax, and Verizon, converged in these virtual roundtable sessions to share how they're progressing through the latest phases of digital transformation, where they believe the most important technology investments lie, and how they view the evolving role of the Mainframe.

Transformation is indeed happening at an accelerated pace, prompted in large part by shifting customer demands and workforce transformations. Organizations everywhere are undertaking upgrades of technology, maneuvering through migrations of data, and ratcheting up rationalization efforts to rid the enterprise of technology bloat. But amid all the change, IT leaders say the Mainframe will be a mainstay, continuing to play a crucial role in technology infrastructure.



## Discussion

# It's Not "Either/Or" It's "And"

The resounding consensus among business and IT leaders on these roundtable sessions is that modernization and the Mainframe go hand-in-hand. The platform has earned its status as an enterprise workhorse. Thanks to its reliability, the Mainframe remains a critical platform for businesses, even as they expand to the cloud.

"We're trying to modernize our core banking platform. I think a lot of banks are exploring this right now," stated Chris Kennedy, SVP of Strategic Initiatives, Technology and Operations from Regions Bank. "But it doesn't mean moving away from Mainframes."

"It is one of the stablest systems that we have seen in the world," declared Rakesh Sarin, Vice President of Financial Services at HCLTech. He told fellow panelists how firmly he believes in its reliability and longevity. "Even my grandchildren might be working on Mainframes."

Of course, executives are seeing cloud becoming a critical part of business today. But it's not a total imperative. There's an acute focus on shifting the right workloads, not just replicating complexities from the analog world into digital. "If you digitize bad processes," observed one panelist, "they will be bad digital processes."



**"We're trying to modernize our core banking platform. I think a lot of banks are exploring this right now. But it doesn't mean moving away from Mainframes."**

**Chris Kennedy**  
SVP of Strategic Initiatives, Technology and Operations from Regions Bank

## Discussion

While cloud may be imperative for some workloads, it's not the answer for every workload, says Greg Lotko, SVP and General Manager of Broadcom's Mainframe division. As he shared on the panel, "we've seen this through the history of IT. For the last 50 years, every time a new technology comes out, everybody thinks it's the panacea." He says it's up to IT leaders to guide their enterprise modernization with a tempered approach, not just shifting to the latest tech trend.

"The mistake is everybody tries to apply that next new technology to everything, and the focus really needs to be on the business value first," said Lotko. "I don't think the conversation is about cloud or the Mainframe; it's about cloud and the Mainframe."

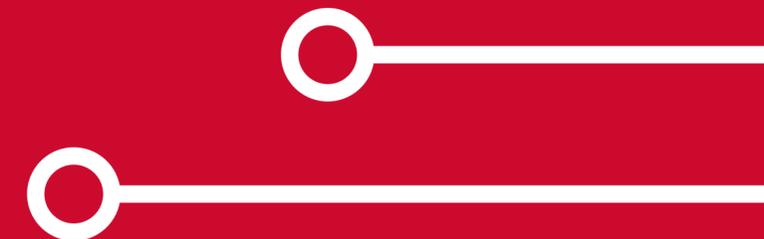
"That's what we're trying to do," echoed Simon Hunt, who served as EVP of Cybersecurity at Mastercard. "Explore the new, but not to be obsessed by the new, and not buy it because it is new. A huge balance."



**The mistake is everybody tries to apply that next new technology to everything, and the focus really needs to be on the business value first.**



Greg Lotko  
SVP and General Manager,  
Mainframe Software Division, Broadcom



## Discussion

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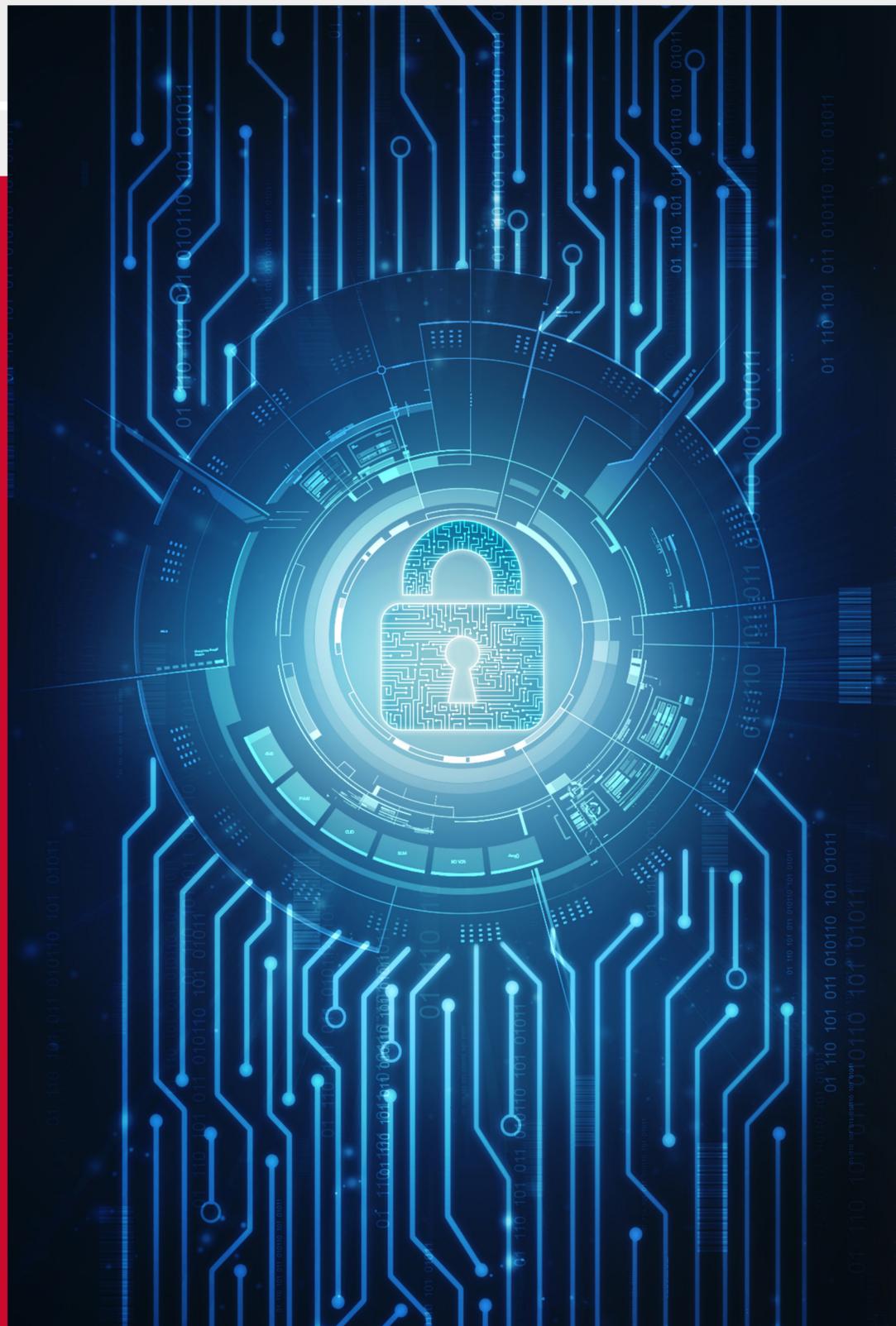
# Security Is a Bigger Concern Than Ever Before

Regardless of where data is, on or off-premises, executives on these roundtables said security, privacy, and compliance have never been more at the forefront of business conversations.

Companies are exposed to a lot more risk with new hybrid and work-from-home models and they are often forced to accelerate their modernization due to changing competitive landscapes and continually evolving regulations. Adapting to new technology is inevitable and introduces additional risk and regulatory compliance requirements.

This was especially true in healthcare, said Todd Kirchhoff, who worked with hospitals throughout those trying years, while serving as Senior Director of Technology at Cerner Corporation. “Healthcare is probably as complicated as it gets when it comes to security concerns and threat risk,” Kirchhoff told the panel, and he’s seen the industry make big changes. “Five years ago, I couldn’t get providers to have a complex password,” Kirchhoff shared. “Now, we’re moving toward multi-factor authentication.”

But no platform is inherently more secure than another, the experts concluded, and risk exists in the cloud and the Mainframe, so security teams must be focused on all of it with a comprehensive strategy.



## Discussion

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# Cultural Resistance to Modernization

Of course, whenever senior IT leaders discuss transformation, conversation turns toward culture.

“It’s always about the culture. It’s always about the training,” said Rajesh Indurthi, Vice President of Technology at Equifax. “How do you really train your workforce to kind of get into this whole zone of modernization and transformation?”

Not an easy task, agreed panelists, blending old mindsets with the new technologies and their frameworks.

“What we’re trying to do,” stated Hunt from Mastercard, “is not get into a trap of, ‘well, we’ve always done it this way, therefore, we’ll continue doing it this way.’”

Puneet Bhargava, Chief Architect of Securities Services Technology at Citi, called today’s IT environment a “coexist architecture,” where the Mainframe is an important component, but businesses are also exploring cloud and other emerging platforms.

“So that coexist architecture needs a mindset very removed from our old ways of doing things,” Bhargava said, “to a new, agile, DevOps, Dev Security Operations, SRE, that sort of mindset. And I think that, to me, is a very, very big part of transformation.”

As attendees discussed, transparent communication about the end goals and benefits of transformation is crucial here.

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Simon Hunt  
EVP of Cybersecurity,  
Mastercard

Key Learnings

# Hybrid is the Future

Bottom line: culture must shift and embrace a hybrid model in order to optimize business performance. “Not only is the future of cloud hybrid,” asserted Lotko from Broadcom, “that’s where we are today.”

“Most of the world uses the Mainframe in a hybrid fashion,” said Broadcom’s Lauren Valenti, Director of Mainframe Education & Customer Engagement. “It’s about cloud and

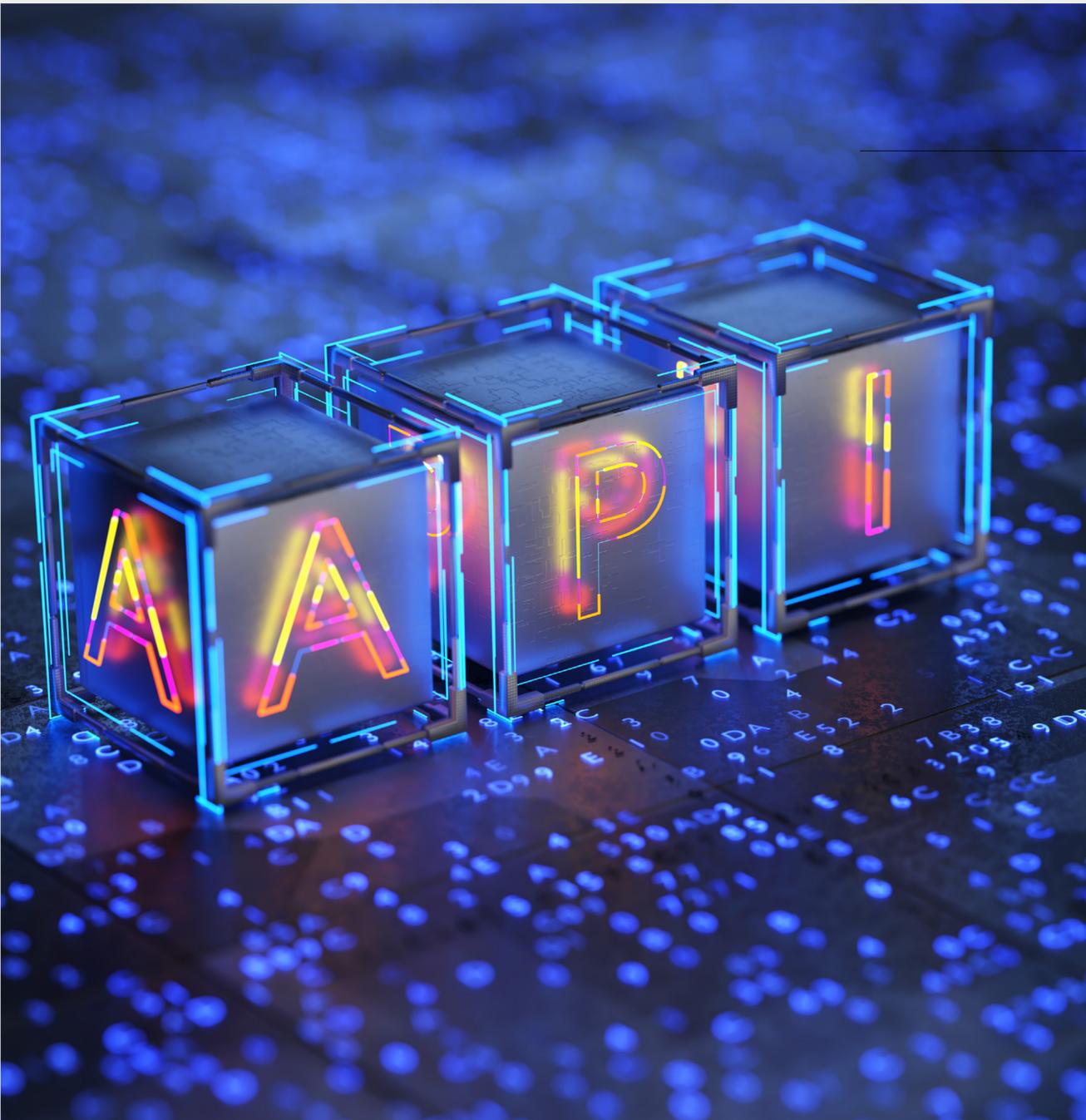
the Mainframe. Or distributed servers, or any of these other technologies, and the Mainframe.”

It’s the best approach, says Valenti, to provide value to the business. “It’s really about us blending these technologies together so that we can consistently deliver the value of new technology investments as well as the existing technologies.”

**“It’s really about us blending these technologies together so that we can consistently deliver the value of new technology investments as well as the existing technologies”**

Lauren Valenti  
Director of Mainframe Education and Customer Engagement, Broadcom





## Key Learnings

# Open-first is the Way Forward

To fully tap into the best of all the tech, APIs will be key. Integration is everything when it comes to companies leveraging value across the portfolio, not only for today, but many years to come.

As Phil Horn, Head of Digital Transformation and Innovation at Verizon, told fellow panelists, it's all about virtualizing and automating wherever possible, and making everything software-defined. It's advice he also gives Verizon customers. "Don't bring anything into your infrastructure that doesn't

have an API, so you can actually bring it together and create end-to-end digital experiences."

Broadcom's Lotko echoed the same. "Open technology and APIs are absolutely the answer for most things. It's the recognition that we are always going to have multiple technologies and we are always going to need to connect those in the most effective and efficient way possible."

## Key Learnings

# Getting Customer-Focused Is Imperative

As panelists talked transformation, they came back again and again to the customer, and the importance of establishing a customer-centric philosophy.

“It’s all about creating that human-centered view, and the building of a good experience,” said a senior Digital Product executive from Citi.

Executives across the series of roundtable discussions agree: it’s crucial for companies to continuously consider how their technology investments impact customer engagement. In addition to the tech itself, that will be a key driver of successful modernization.



Trust in the expertise of Broadcom, a partner to help you make the most of your Hybrid IT modernization efforts.

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Content and quotes have been sourced from a series of Broadcom and Meet the Boss Roundtable sessions

