

# Innovation and Modernization for Banking Using the Transformative Power of AI

Revolutionary solutions for the bank empowered by AI from Dell Technologies and NVIDIA

## AI empowers banks to deliver better outcomes

**\$1 trillion**

In additional value delivered annually to AI-enabled banks.<sup>1</sup>

**94%**

Agree that AI is critical to success over the next five years.<sup>2</sup>

**76%**

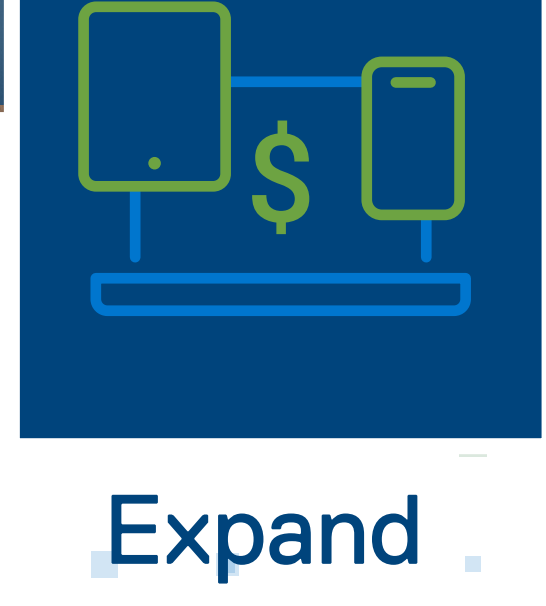
Plan to increase investments in AI to gain more benefits.<sup>2</sup>

## How will you utilize AI to gain the greatest outcomes for your bank?

AI along with HPC and analytics transforms your bank and empowers you to identify key insights and automate routine tasks to:



**Increase productivity**



**Expand services**



**Reduce risk**



**Improve customer service**

## Create competitive advantage with AI as a platform from Dell Technologies

Anti-money laundering and identify verification

Empowered by Dell solutions for AI, HPC and analytics, banks can deploy and utilize transaction monitoring programs more quickly and easily.

Reduced costs  
Improved regulatory compliance  
Better customer satisfaction

**ARTIFICIAL INTELLIGENCE**

Money laundering schemes

Sophistication of criminals

Banks investing billions to fight financial crime

Up to **\$2 trillion**

laundered globally each year<sup>3</sup>

Dell solutions for AI, HPC and analytics can help you process massive amounts of data in milliseconds to train increasingly accurate fraud-detecting AI models.

Transactional fraud prevention

**\$48 billion**

Expected online fraud losses annually by 2023<sup>4</sup>

Digital assistants and chatbots

With automated AI systems from Dell Technologies, banks are empowered to deliver personalized and consistent service regardless of a customer's preferred channel.

**\$7.3 billion**

In savings anticipated from integrated AI banking chatbots in 2023<sup>5</sup>

## Simplify and speed AI with Dell Validated Designs and NVIDIA AI Enterprise

Designing and deploying a system for AI, HPC and analytics with the performance and scalability required can be complex. Make adoption simpler with Validated Designs, enabling you to get faster, deeper insights — delivered with proven expertise from Dell Technologies and NVIDIA.

### Dell Validated Designs for AI

Drive faster time to value  
Build with confidence  
Enable business without boundaries

**20%**

Faster time to value<sup>6</sup>

**183%**

Return on investment<sup>6</sup>

Up to **70%**

faster performance<sup>7</sup>

Up to **20x**

more cost effective<sup>7</sup>

### NVIDIA® AI Enterprise

Optimized for production AI  
Certified to run everywhere  
Enterprise-class support for NVIDIA AI

## Establish a flexible foundation with Dell APEX as-a-Service solutions

Get more value from Dell Technologies innovation all delivered as-a-Service, so you can take advantage of cloud, where and when you need it, whether that is infrastructure, platforms, or next-level solutions.

### Dell APEX for AI

Fast-track innovation  
Leverage the right data faster  
Create measurable value

**60%**

Faster to deploy new IT resources<sup>8</sup>

**12%**

Faster development life cycles<sup>8</sup>

## Partner with Dell and NVIDIA

Prepare for solution evolution by developing foundational AI capabilities to realize the benefits of the AI-empowered bank.

[Learn more](#)

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<sup>1</sup> Quantum Black AI by McKinsey, *The Executive's AI Playbook*, accessed December 2022.  
<sup>2</sup> Deloitte, *Fueling the AI transformation: Four key actions powering widespread value from AI*, right now, October, 2022.  
<sup>3</sup> United Nations Office on Drugs and Crime, *Money Laundering*, accessed December 2022.  
<sup>4</sup> Insider Intelligence, *Applications and benefits of AI in finance*, April 2022.  
<sup>5</sup> Hubtype, *Banking Chatbots 101: Benefits, Use Cases, and Statistics*, May 2022.  
<sup>6</sup> Forrester, *The Total Economic Impact™ Of Dell Validated Designs For AI*, August 2022.  
<sup>7</sup> Using NVIDIA AI Enterprise Suite with NVIDIA RAPIDS™, compared to similar CPU-only configurations. Source: NVIDIA solution overview, *NVIDIA AI Enterprise*, December 2022.  
<sup>8</sup> IDC, *The Business Value of Dell Technologies APEX as-a-Service Solutions*, August 2021.

Dell Technologies believes the information in this document is accurate as of its publication date. The information is subject to change without notice.