



NCR Edge Compute Solutions featuring Microsoft Azure Arc and Azure Stack HCI

Retail Banking

NCR can help you take execute the latest Edge Compute Solutions to enable greater flexibility, increase business insights, and drive higher availability across your hybrid environment

Situation

Retail banks have embraced new business initiatives to deliver a more personalized experience and greater value at an unprecedented pace. With increased demands around connecting physical and digital experiences to better serve customers in new and more customized ways, it's vital that your IT infrastructure has the scalability, resiliency, storage capacity and performance to make sure mission critical applications operate with the highest availability.

Complication

Retail banks operate in diverse locations often with limited space for IT infrastructure and limited IT support,. In addition, data is often dispersed across multiple sources, most of which are not connected or easily combined for much needed business insights.

Implication

The retail banking industry is undergoing significant transformation with the rise of omnichannel banking. To remain competitive, banks must invest in technology to drive innovation and a more personalized experience for customers. Cloud technology can help, but not all retail banking workloads and data can live in the public cloud. Using edge technology and running modern apps on Azure Stack HCI, processing can be done at the point of data collection. Insights derived from edge analytics can help drive improvements across the customer experience.

Proposal

With coverage in 160 countries and 20,000 service professionals including remote support and technical specialists, NCR can expertly scope, design, deploy and manage Microsoft® Azure™ Stack HCI and other IoT and edge devices around the globe. What sets NCR apart? Our unique ability to manage large deployments, install at the edge and leverage Azure Arc™ services (monitoring, backup, and site recovery) to help ensure mission critical applications stay up and running.

To speak with someone or for more information, visit us at <https://www.ncr.com/telecom-technology>.



Benefits

Through the application of edge devices and advanced analytics, retail banks can deliver a more personalized experience to better serve customers in new and more customized ways. The insights derived from Edge analytics can help banks develop services specifically tailored to meet customers current and future needs in the physical, digital and mobile marketplace.

NCR can help your company deploy, monitor, and manage at the Edge:

- Provide hybrid-cloud ready and validated solutions with Azure Arc enabled services for Azure Monitor, Azure Backup, Site-Recovery and Stretch Clustering for resiliency and high-availability
- Install and configure Azure Stack HCI, Edge, and IoT devices at scale, supported by a full suite of white glove services delivered by our professional services and field engineering teams
- Deploy modernized microservice applications at the Edge with Azure Kubernetes Service (AKS) running on Azure Stack HCI and managed centrally via the Azure portal
- Choose integrated Edge hardware from an NCR partner that can include anywhere from a single device up to a 16-node cluster with no need for a high-speed switch or external storage
- Provide 24/7 monitoring and remote support of your company's Edge compute infrastructure managed by the NCR Network Operations Center (NOC)

Edge Use Cases for Financial Services

Source: <https://stlpartners.com/articles/edge-computing/edge-use-cases-for-financial-services/>

Edge use case 1: Hyper-personalization of customer engagement

Edge use case 2: Advanced data analytics for real-time cybersecurity

Edge use case 3: Real-time facial recognition for fraud detection and prevention

Edge use case 4: High-frequency algorithmic trading (HFT)

Edge use case 5: Data sovereignty for compliance

Action

To speak with someone or for more information, visit us at ncr.com/telecom-technology/managed-cloud-solutions

Why NCR?

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