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

Hospitality

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

Whether managing customer insights, kitchen quality, or looking to reduce food waste, it's important that your IT infrastructure has the scalability, resiliency, storage capacity and performance to help ensure mission critical equipment and applications have the highest availably.

Complication

Quick service and fast casual restaurants operate in a variety of environments with limited space for IT infrastructure and the challenge of dealing with data dispersed across multiple sources, most of which are not connected or easily combined for insights.

Implication

The restaurant industry is undergoing significant transformation with the connected kitchen and hyper personalization. Online and connected ordering systems are already here in many restaurants. These systems allow customers to order and pay without relying on a staff member. The next step of the connected restaurant space is hyper personalized ordering systems. In an IoT-enabled restaurant space, advanced analytics can be performed at the point of data collection, and the insights derived from edge analytics utilized to help drive hyper personalization and a better 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.

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

Benefits

Through the application of Edge and IoT devices, restaurants can collect data from diverse sources within the smart kitchen and order taking platforms, to run advanced analytics and AI inferencing at the edge, closer to the source data. The insights derived from Edge analytics can then help drive a more personalized order taking experience and better quality and efficiency in the kitchen.

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

- Provide hybrid-cloud ready solutions with Azure services like Azure Arc, Azure Monitor, 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 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).

5 Ways IoT is Transforming Hospitality: Are you ready for the future?

1. Support Mobile Ordering and Contactless Paying

2. Track Trends and Predict Future Events

3. Monitor Staffing Patterns

4. Reduce Food Waste

5. Improve Kitchen Quality, Safety, and Efficiency

Source: https://5 Ways IoT is Transforming Hospitality: Are you Ready for the Future? (securedgenetworks.com)

Action

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

Why NCR?

NCR Corporation (NYSE: NCR) is a leading software and services-led enterprise provider in the financial, retail, hospitality, small business and telecom and technology industries. We run key aspects of our clients' business so they can focus on what they do best.

NCR is headquartered in Atlanta, GA with 34,000 employees and solutions in 141 countries. NCR is a trademark of NCR Corporation in the United States and other countries.