



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

Energy & Utilities

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 you're managing power grids, gas consumption, customer billing or energy trading, it's important that your IT infrastructure has the scalability, resiliency, storage capacity and performance to help ensure mission critical applications operate with the highest availability.

Complication

Energy companies often work in remote locations with aging infrastructures that rely on the electronic exchange of information. With the demand for rapid data processing at the core of the energy and utility business, the use of edge technology is a major draw for an industry with widely distributed operations in far-flung locations.

Implication

To drive transformation across the energy industry, the utility grid is moving from a legacy one-way structure to a dynamic, predictive, data-driven network. Through the application of Edge and IoT devices, companies can measure, monitor and manage energy seamlessly. Smart devices can collect data from diverse sources, and advanced analytics can now be performed at the point of data collection. Edge analytics can then drive automated decisions to drive grid stability and safety in real-time.

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 and IoT devices, energy companies can collect data from diverse sources, and run advanced analytics and AI inferencing at the edge – closer to the source data. Edge analytics can then drive real-time automated, data driven decisions across multiple applications including predictive maintenance, grid stability and safety.

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).

Environment, Health & Safety Expertise

NCR's best-in-class Environment, Health & Safety (EH&S) Management System is a framework of processes used to ensure fulfillment of all tasks relating to HSSE Standards. T&T's EH&S Management System is certified to ISO 45001 (Safety & Health Management System) and incorporates the Plan-Do-Check-Act (PDCA) methodology. The management system covers:

1. Leadership & Commitment
2. Policy & Objectives
3. Organization, Responsibilities and Resources
4. Risk Assessment & Control
5. Planning & Processes
6. Implementation & Performance Monitoring
7. Auditing
8. Management Review

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.

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