Reliant Platform for Hospitality

Don't Be Left Behind: Bring the Power of the Edge to Your Restaurants

As businesses moved applications to the cloud for the benefits of reliability and agility at lower costs, they still found significant limitations. Edge Computing represents an optimal efficiency for hospitality operators to deploy and manage applications in their restaurants. Critical applications often need to be run close to your guests for necessary reliability and speed. This is defined as edge computing and the cloud's edge is actually the network within your restaurants.

Are you going to be able to support the delivery and management of applications to existing and new restaurants as you grow? **Don't continue to implement yesterday's technology.** Many leading restaurant operators have recognized they are at an inflection point in digitally transforming their locations, and to bridge the gap they are addressing these needs with an edge computing solution.

The Reliant Platform was developed with this IT architecture in mind. We have over 14,000 deployments and have worked with *many leading hospitality and retail brands.* Reliant Platform delivers:

- Reliability – gain continual operations of critical applications even with a loss of connectivity to the cloud or data center

- Cost Savings – realize substantial savings through consolidation of hardware, fewer resources needed to manage locations, and lower required bandwidth as more data is processed locally

- Security – applications and updates are centrally managed and delivered to reduce the risk of a breach at the local level

- Agility – add new applications or reconfigure existing ones much more rapidly than with older architectures

Whether dozens or hundreds of locations, restaurant operators need reliable computing across the edges of their networks. It's critical that applications like these run at maximum uptime and with edge computing this can be achieved by placing automated control in each restaurant rather than depending on connectivity to the cloud:

- Point of Sale
- Networking
- Sensors
- Payments
- Kiosks
- Digital signage
- Video cameras
- Kitchen display systems

This can be achieved by running all or part of each application at the restaurant, rather than depending on connectivity to the cloud.

Reliant Platform for Hospitality

With central management, the Reliant Platform assists restaurants that have little or no on-site IT staff. There is no need for complex installations in every location since our edge computing platform is basically plug and play. All it requires is someone to plug it in and bring the system on-line. Your team can remotely manage everything going forward. Additionally, these systems are easily scalable as you add new locations or applications.

With many applications running on the edge, the Reliant Platform delivers the critical resiliency, scalability, security, and high availability that your operation needs.

Rapidly growing organizations don't have time for data to travel to and from the cloud. They need quick and instant access to data. Edge computing provides reduced latency providing faster transactions.

How it Works

Reliant Platform is a software solution that provides central management and can run in your cloud or one that Reliant manages. Using virtualization and a web-scale DevOps infrastructure, we automate the delivery and management of applications, networking, and security controls.

Applications are delivered using Docker containers and are centrally managed. Each container has only the minimum required components necessary to perform its' function. Containers are lightweight, easily packaged, and offer a seamless way to manage and control the variety of microservices that the Reliant Platform manages.

With the Reliant Platform, systems are consolidated into multiple virtual machines and applications delivered in lightweight containers. The overall network configuration and security controls are centrally managed through the cloud as is application and system orchestration, including installation, updates, and patches are similarly centrally managed through the cloud. This level of automation is what allows you to deploy thousands of systems if needed.

Professional Services

Reliant has a professional service organization that collaboratively works with your team to design and implement an edge computing solution that meets your requirements to manage the appropriate applications to deliver superior customer experiences in your restaurants.

Don't let your IT costs get out of control. Your current application vendors aren't providing you a platform that supports both delivery and management on a single dashboard. Whether you're growing quickly or need digital innovation fast, look no further than Reliant Platform to remain competitive.

About Reliant

Reliant is a leading provider of an Edge Computing platform for hospitality and retail. Reliant's software solution centralizes, automates, and controls application and content delivery, management, and security on-premise, in stores and restaurants. Edge computing compliments cloud computing, providing reduced latency, accelerating digital transformation, and supporting continuous operations.