



Some restaurateurs wonder if the cloud is right for their business. The concern is possible interruption in Internet connection with their database, which could have a negative effect on sales. Lavu Local Server and data redundancy advancements give needed confidence in cloud based POS for restaurant owners.

#### **What is Lavu Local Server (LLS)?**

LLS is a dedicated server installed on a Mac Mini computer. Since the server is setup in-house, your business can continue operating even when there is no Internet connection to the cloud servers, like during an Internet “outage”. As soon as the connection to the cloud server is restored, all of the latest sales data will be automatically uploaded and synced.

#### **Do you need LLS?**

Not every Lavu customer needs LLS. Here are a few reasons you may want to consider it for your business:

- Improved performance due to on-site server
- Fail-safe backup to ensure non-credit card orders are always processed regardless of Internet connection
- Independence from your slow or inconsistent Internet connection
- Your local Internet Service Provider (ISP) occasionally drops your Internet connection.
- The nature of cloud computing is inherently at the mercy of your Internet connections stability and speed.

In addition to speeding up service and bridging the gap during Internet downtime, LLS has other benefits. The LLS Print Q is an upgrade to the LLS. Print Q utilizes the MacMini as a print server and queues print jobs sent to printers, making sure each individual ticket is sent to the printer before sending the next. Alerts from the Lavu software allow you to address a malfunctioning piece of hardware.

#### **Internet Downtime is the Challenge, LLS a Solution**

As a platform, the Internet is not perfect; even a perfectly configured system may experience some form of downtime. Therefore, the challenge for all cloud-based software developers is to protect the flow and processing of data to ensure a business can be productive, even in times of a poor Internet connection.

#### **Understanding the Path from a Business Location to the Cloud**

This “connection” is actually a series of links in a chain, and any one of these “links” can be the culprit that can interfere with business demands. Besides the wireless routers, points of failure can include the business’ Internet Service Provider (ISP) and point of presence (POP), network access points (NAPs), and then multiple DNS servers and the network routes and server to the final servers, etc.

#### **Other Ways Lavu Bridges the Internet Downtime Gap**

In addition to LLS, Lavu has improved their service by allocating resources to the following:

- Multiple disc redundancy (Raid5)
- Nightly data backups
- Load-balanced servers
- Database replication

Essentially this means that all data is backed up and protected constantly, on the highest quality servers.

#### **Lavu Local Server is Available**

LLS is currently available from Lavu Inc, who recommend contacting a Certified Lavu Distributor to install.