



How much does your server cost you monthly?

Many companies today when evaluating if they should go Cloud do not take into consideration the monthly cost of on-premises servers. Published industry average states an on-premises server typically cost \$150 to \$300 per month (\$1,800 to \$3,600 annually). This quick guide was designed to help our customers understand the details of everything that goes into a server.

What is a Server?

A centralized dedicated computer that is on all the time that provides a service or shares resources.

What goes into a Server?

All the items listed below are what is required for a server to operate:

Centralized Items:

- Physical Hardware
- Virtual Software (VMWare, Hyper V, etc.)

Per Server Items:

- Windows licensing
- VM licensing
- Antivirus/End Point Security/Malware
- Data Backup
- IT support/Labor

Physical Items:

- Electrical
- Cooling
- Physical Space (should be secured)
- Backup Power (UPS/Generator)

Requirements for Users Accessing a Server:

- VPN
- Multi-Factor Security
- Ports Open (huge security risk)
- Remote Access Tools (such as MS RDP/Terminal Services, Citrix, LogMeIn, etc.)
- WAN (for companies with multiple locations)

Other Considerations:

- Disaster Recovery/High Availability

What happens to your business if that server goes down?

Pros & cons of using a print server:



Pros:

- **Centralized Printer Management:** allows IT to make configuration changes centrally
- **Print Driver Repository:** drivers stored and maintained centrally
- **Print Security:** control who can see and print to each printer
- **Printer Deployment:** whether that is through user self-service or by GPO/script
- **Local Job Spooling:** with local print servers, print jobs are not sent over WAN
- **Printer Queue Management:** manage all jobs from a central queue, delete stuck print jobs holding up a queue, etc.

Cons:

- **Single point of failure risk:** Server goes down and users cannot print.
- **Patching:** Operating system upgrades, weekly OS updates, security fixes, etc.
- **Issues with GPOs/Scripting:** GPO and scripts can get complicated fast if you don't deal with it every day. Leading to printers not installing properly, not removing old printers, etc.
- **Driver Issues:** Drivers from different manufacturers causing conflict when installed on the same server, installing 32 bit drivers on a 64 bit print server.
- **Local Print Servers:** Companies with multiple local print servers at each location will need to maintain multiple servers and update all servers when print driver updates are released.
- **Costs:** On average a typical server can cost anywhere from \$150 to \$300 a month to operate.

Centric can implement print, scan, fax, and document workflow solutions that exist in this serverless topology allowing your mobile workforce to have increased features at home as if they are at the office. You will be amazed how far this technology has advanced. *Please reach out to your Centric representative to schedule a meeting* so the only thing you need at your office is an Internet connection.

Solution Recommendations of our Cloud Offerings:

- Secure Follow Me Print
- Print Driver Deployment
- Document Management
- Faxing
- Scanning