VIRUS SCANNERS:

Virus scanners can be installed on the MicroPress hardware but since many organizations have specific requirements for their office we don't certify (or recommend) different security packages so it's difficult to make a statement as to if a specific brand will work on the MicroPress server without fail. We do recommend however that the virus scanner software not be configured to scan "real" time. Scheduled scanning or manual scanning should be OK. As an alternative, the MicroPress directory can be configured as an exclusion for the virus scanner.

All virus scanners will have an adverse affect on the MicroPress due to the way virus scanners operate. When virus programs are configured to scan everything – all the time – whenever a file is accessed by any program on the server, the process is interrupted because the file must be scanned prior to allowing the application access to the file.

For most of the products we support, the timing of the data going to the printer is critical. The specifications of the print engines require that we send image data to video interface with an accuracy of milliseconds, and for color machine we must supply 6 GB of data a minute to the engine for a color print job to run at speed. When the virus scanner interrupts this process, the printer can be starved for data and an issue could develop.

Whichever virus scanner you decide on choose to either exclude the MicroPress directory or use scheduled scanning to minimize any potential issues.

WINDOWS UPDATES
It is recommended that the following Operating System features be **disabled**:
- Automatic Updates
- Windows Firewall

PORTs
The following tcp ports should not be put under protection:
35
515
721 - 731
135 - If True Edit Remote is needed.
161-SNMP for engine status
1600-Canon WinAccessor (MicroPress version 7.0.0.0 and previous with Canon printers)
9100-Data port
9101-Data port
9102-Data port
9103-Data port
9201-Data port
9202-Data port
51916-Canon Accessor (MicroPress version 7.0.0.1 and later with Canon printers)
3101 Ricoh/Hitachi printers
ftp ports
All LPR ports

Virtual Machine Software (Vmware)
It is unknown if Vmware is compatible with the current MicroPress product because it is not currently tested with the product and therefore we do not officially support it. The product design requires that the license key (dongle) be connected to the system registry on which the MicroPress is installed. Many of the MicroPress components will not run properly if the license key is configured remotely. This is already known to be the case with the MicroPress RIP. For example

the RIP will not launch with Remote Desktop even though the dongle is configured properly, additionally the software design may also prevent Vmware from working so it may not be just a dongle issue. But the fact remains that since Vmware is not tested with the product EFI cannot support the configuration which could lead to severe difficulty with troubleshooting and resolving issues on the product. If an issue develops Tech Support may require that the MicroPress be restored to the factory configuration in order to isolate the issue otherwise EFI may not be able to resolve the issue.