



Citrix Certification Information

September 2003

Are the KM drivers Citrix certified?

This question is quite often asked by our customers and the answer is quite simple: NO, because according to our investigations and contact to Citrix such kind of official certification does not exist. A few competitors may claim that their drivers are certified, but that's not true to our knowledge. What Citrix does indeed, is to certify applications and modules of third party vendors.

According to our findings Citrix (same as Microsoft for the Windows Terminal Server) simply states that it is recommended to use drivers based on the Microsoft driver architecture. More complex drivers or printing systems, like KX driver or our competitors drivers, should not be used in MetaFrame environment due to the high risk of blue screens and system lockups. MetaFrame is simply not adapted to these drivers capabilities and will cause random problems.

Nevertheless, our mini (classic) drivers work well because they comply with Citrix requirements as they are based on Microsoft sources. This has already been internally confirmed by Citrix developers.

Which KM Products can be used with Citrix?

All Kyocera Mita products are supported by mini drivers which follow the Microsoft recommendations. Many of these so called 'classic' drivers have already passed the certification process at Microsoft and are therefore equipped with a digital signature for

- Windows 2000
- Windows XP
- Windows Server 2003

Please contact your local sales company or our internet web site for more details on the currently available Microsoft certified drivers.

Can the KX driver be used with Citrix?

Basically, the KX driver does not require bi-directional communication with the connected machine itself, but the KX driver installation introduces bi-directional components into the system which may cause problems in MetaFrame 'Thin Client' environments. Furthermore, the KX driver needs quite a lot of machine resources when printing which doesn't always comply with the available resources of a thin client.

If a KX driver installation is absolutely necessary and Citrix is mainly used as application server, the driver should be installed on both server and clients locally. Detailed

information is available in the KTDE Document **KTDE0327A-KX_Citrix_NT2k.pdf**, which describes installation of KX drivers in NT4 and W2k environments.

In case that the clients are real thin clients (Citrix ICA architecture), no other drivers than classic drivers (either PCL or KPDL) should be used.

Summary

In general we can state that Kyocera Mita products are compatible with Citrix MetaFrame as well as with Windows Terminal Server provided that our classic (mini) drivers are used. An official certificate from Citrix does not exist, not for us and also not for our competitors.