Product Information

Title: DXUIP II Multiple Operation Modes

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Summary: This document explains the multiple operation modes of DXUIP II units.

More Information

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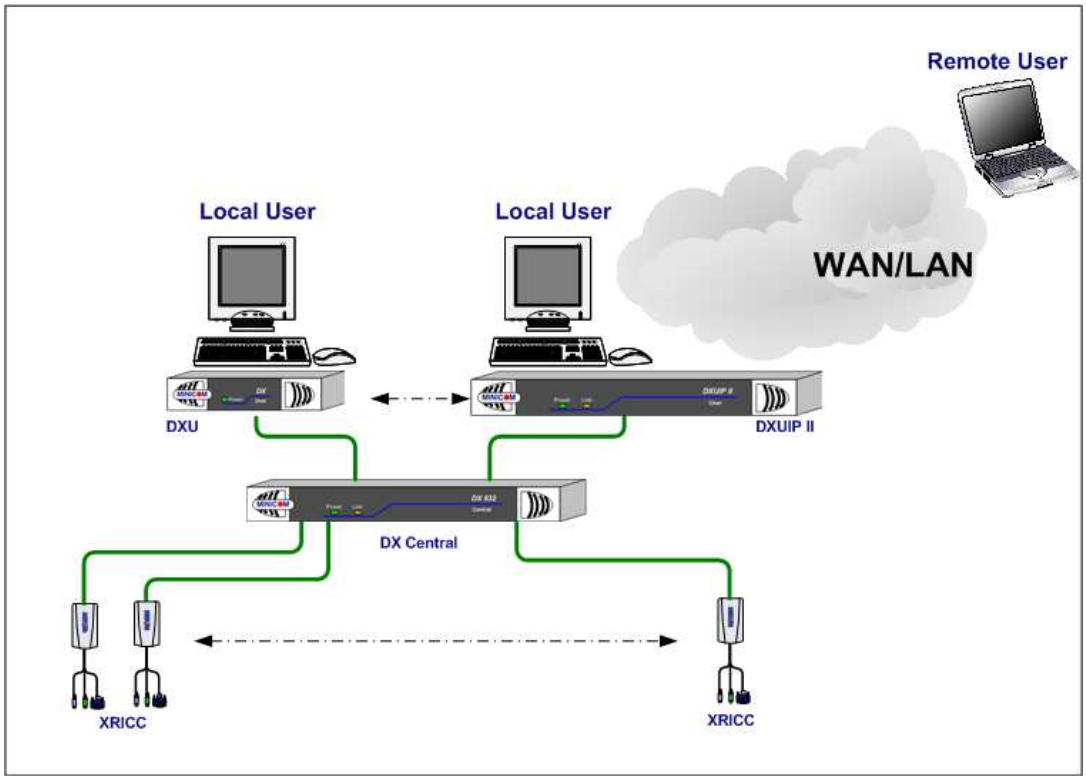
The DXUIP II can be operated in three different modes:

- Standalone mode
- KVM.net Enabled mode
- KVM.net Managed mode

Standalone mode

Standalone mode refers to using the DXUIP II as part of the DX System only. Users will have to login to DXUIP II web interface and then login to the DX AIM interface. Remote users over IP will either use AIM or ActiveX Toolbar for remote KVM access & control (without KVM.net). Local Users will use AIM interface for KVM access and control.



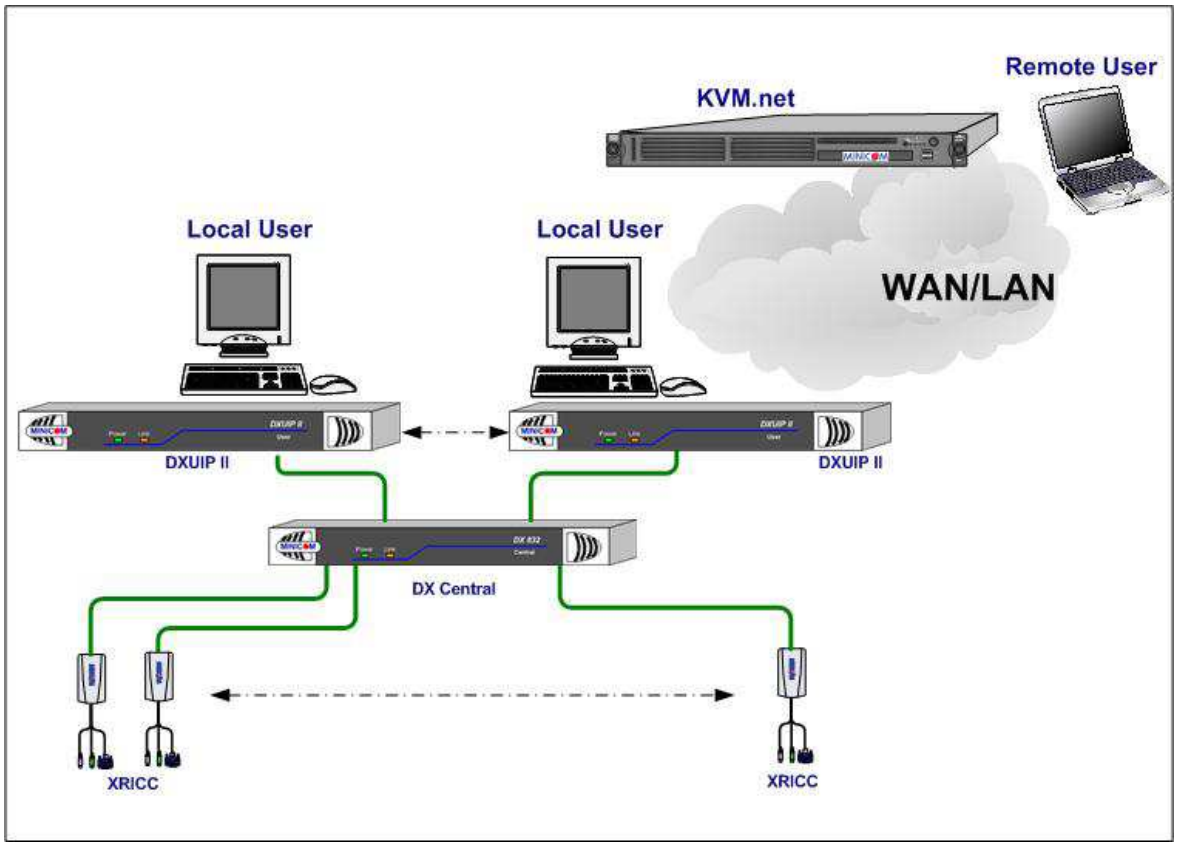
Local Users which are located near the DXU or DXUIP II will log into the DX system by using a local console. After gaining access to the DX AIM interface they will be able to select and control the servers.

Remote users over IP will connect to one of the DXUIP II units. They will be required to pass the DXUIP web authentication and then login to the AIM interface with their DX User account in order to connect and control the servers. Switching between servers will be done using the IP client interface toolbar. The IP client will show all KVM ports which are configured in the DX System, accessing the servers depends on the user permissions.

Note: In order to preserve the DX System local security, both Remote and Local Users will need to logout from the DX AIM interface after they finish their work. A special switch file is available for download which will logout the remote users from the DX AIM interface after they disconnect the remote session.

KVM.net Enabled mode

KVM.net Enabled mode means that Remote Users can connect to the servers from the KVM.net interface but the DX is still capable of working in standalone mode.



Local Users that are using a local console at the DXUIP II unit will login to the DX system with their DX System account. After login to the DX AIM interface they will be able to select and control the permitted servers. Local Users can also manage the servers' power through a Power Distribution Units (PDU) attached to the DX system.

Remote Users over IP will be able to connect and control the servers through the KVM.net web interface. When they login to the KVM.net web interface, they will see the list of servers they have permission to access. By clicking on the server name they will be redirected to the available DXUIP II unit and will open a Remote KVM session. They will have to login to the DX AIM with their DX System user name and password and then switch to the selected server again. Remote Users will have to login to the DX System with their DX credentials only once during the remote session. To switch between the servers, the Remote Users can select another server in the KVM.net web interface or select the required server from the server list in the ActiveX Toolbar.

Remote Users may also operate the serial devices which are connected to the DX System. These serial devices can be configured in the KVM.net web interface as regular 'target servers'.

Note: Remote Users can also operate the PDUs connected to the DX System through the DX AIM interface.

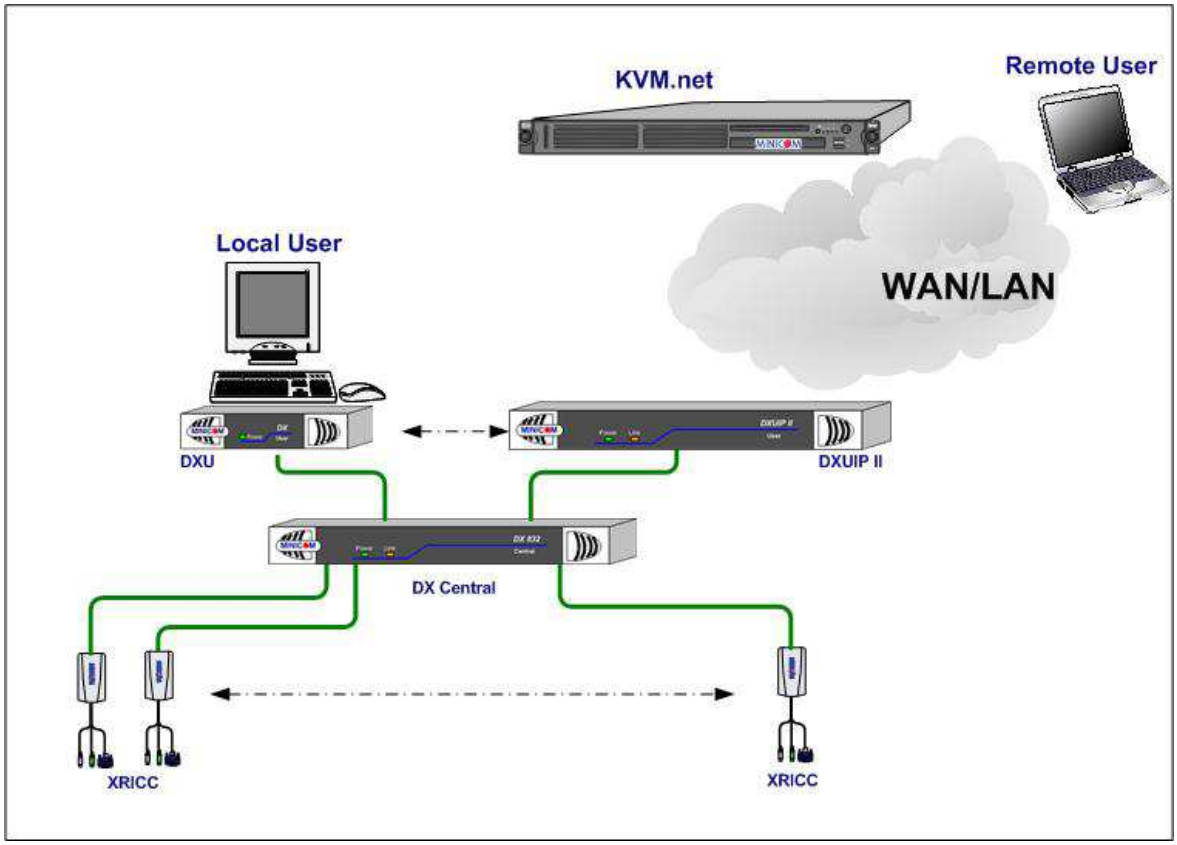
Note: It is advisable to create the same user names and passwords in the DX System and in the KVM.net System in order to ease the user's access.

Note: In order to preserve the DX System's local security, both Remote and Local Users will need to logout from the DX AIM interface after they finish their work. A special switch file is available for

download which will logout the remote users from the DX AIM interface after they disconnect the remote session.

KVM.net Managed mode

KVM.net Managed mode means the DXUIP II unit is fully managed and controlled by the KVM.net system. Access to the AIM interface is blocked but can be achieved for management purposes when needed by using a special hotkey combination.



Local Users which are located near the DXU's will login to the DX System by using a local console. Once they login to the DX AIM interface they will be able to select and control the servers. A server which is controlled by a Local User will be indentified in the KVM.net as an open local session.

Remote Users will connect and control the servers through the KVM.net web interface. When they login they will see the list of the servers that they have permission to access and by clicking on the server name, they will be redirected to the available DXUIP II unit. The remote KVM session will open and users will get access to the servers without need for the DX System login. To switch between the servers, the remote users may select another server in the KVM.net web interface or select the required server in the ActiveX Toolbar. The DX AIM interface is disabled for remote users.

Local access to the DXUIP II is disabled and the local monitor will display a message that this User Unit is managed by the KVM.net System. Local User may gain access to the AIM for maintenance purposes by using a special hotkey combination.

List of Features for Each of the DXUIP II Operation Modes

	Standalone	KVM.net Enabled	KVM.net Managed
Optional Local User	Yes	Yes	No
Remote User Server Access	IP Toolbar or AIM	KVM.net server list, IP Toolbar or AIM	KVM.net server list, IP Toolbar
Hotkey switching	Ctrl-Ctrl	Ctrl-Ctrl	Print-Screen
Number of servers	256	256	256
Support X-RICC RS232	Yes	Yes	No
Local User indication to Remote User	No	No	Yes
DX PDU control	In AIM	In AIM	No
User Database	DXUIP II + Central unit	KVM.net + Central unit	KVM.net

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