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                                linux.inf.txt
; MS-Windows driver config matching some basic modes of the
; Linux-USB Ethernet/RNDIS gadget firmware:
;
; - RNDIS plus CDC Ethernet ... this may be familiar as a DOCSIS
;   cable modem profile, and supports most non-Microsoft USB hosts
;
; - RNDIS plus CDC Subset ... used by hardware that incapable of
;   full CDC Ethernet support.
;
; Microsoft only directly supports RNDIS drivers, and bundled them into XP.
; The Microsoft "Remote NDIS USB Driver Kit" is currently found at:
;   http://www.microsoft.com/whdc/hwdev/resources/HWservices/rndis.msp

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[Version]
Signature           = "$CHICAGO$"
Class               = Net
ClassGUID           = {4d36e972-e325-11ce-bfc1-08002be10318}
Provider           = %Linux%
Compatible         = 1
MillenniumPreferred = .ME
DriverVer          = 03/30/2004, 0.0.0.0
; catalog file would be used by WHQL
;CatalogFile       = Linux.cat

```

```

[Manufacturer]
%Linux%             = LinuxDevices, NT.5.1

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[LinuxDevices]
; NetChip IDs, used by both firmware modes
%LinuxDevice%      = RNDIS, USB\VID_0525&PID_a4a2

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[LinuxDevices.NT.5.1]
%LinuxDevice%      = RNDIS.NT.5.1, USB\VID_0525&PID_a4a2

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[ControlFlags]
ExcludeFromSelect=*

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; Windows 98, Windows 98 Second Edition specific sections -----

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[RNDIS]
DeviceID           = usb8023
MaxInstance        = 512
DriverVer          = 03/30/2004, 0.0.0.0
AddReg             = RNDIS_AddReg_98, RNDIS_AddReg_Common

```

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[RNDIS_AddReg_98]
HKR, , DevLoader, 0, *ndis
HKR, , DeviceVxDs, 0, usb8023.sys
HKR, NDIS, LogDriverName, 0, "usb8023"
HKR, NDIS, MajorNdisVersion, 1, 5
HKR, NDIS, MinorNdisVersion, 1, 0
HKR, Ndi\Interfaces, DefUpper, 0, "ndis3, ndis4, ndis5"
HKR, Ndi\Interfaces, DefLower, 0, "ethernet"
HKR, Ndi\Interfaces, UpperRange, 0, "ndis3, ndis4, ndis5"
HKR, Ndi\Interfaces, LowerRange, 0, "ethernet"

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HKR, Ndi\Install,      ndis3,          0, "RNDIS_Install_98"
HKR, Ndi\Install,      ndis4,          0, "RNDIS_Install_98"
HKR, Ndi\Install,      ndis5,          0, "RNDIS_Install_98"
HKR, Ndi,              DeviceId,       0, "USB\VID_0525&PID_a4a2"

[RNDIS_Install_98]
CopyFiles=RNDIS_CopyFiles_98

[RNDIS_CopyFiles_98]
usb8023.sys, usb8023w.sys, , 0
rndismp.sys, rndismpw.sys, , 0

; Windows Millennium Edition specific sections -----

[RNDIS.ME]
DeviceID      = usb8023
MaxInstance   = 512
DriverVer     = 03/30/2004,0.0.0.0
AddReg        = RNDIS_AddReg_ME, RNDIS_AddReg_Common
Characteristics = 0x84 ; NCF_PHYSICAL + NCF_HAS_UI
BusType       = 15

[RNDIS_AddReg_ME]
HKR, ,          DevLoader,          0, *ndis
HKR, ,          DeviceVxDs,         0, usb8023.sys
HKR, NDIS,      LogDriverName,       0, "usb8023"
HKR, NDIS,      MajorNdisVersion,    1, 5
HKR, NDIS,      MinorNdisVersion,    1, 0
HKR, Ndi\Interfaces, DefUpper,       0, "ndis3,ndis4,ndis5"
HKR, Ndi\Interfaces, DefLower,       0, "ethernet"
HKR, Ndi\Interfaces, UpperRange,     0, "ndis3,ndis4,ndis5"
HKR, Ndi\Interfaces, LowerRange,     0, "ethernet"
HKR, Ndi\Install, ndis3,             0, "RNDIS_Install_ME"
HKR, Ndi\Install, ndis4,             0, "RNDIS_Install_ME"
HKR, Ndi\Install, ndis5,             0, "RNDIS_Install_ME"
HKR, Ndi,        DeviceId,           0, "USB\VID_0525&PID_a4a2"

[RNDIS_Install_ME]
CopyFiles=RNDIS_CopyFiles_ME

[RNDIS_CopyFiles_ME]
usb8023.sys, usb8023m.sys, , 0
rndismp.sys, rndismpm.sys, , 0

; Windows 2000 specific sections -----

[RNDIS.NT]
Characteristics = 0x84 ; NCF_PHYSICAL + NCF_HAS_UI
BusType        = 15
DriverVer      = 03/30/2004,0.0.0.0
AddReg         = RNDIS_AddReg_NT, RNDIS_AddReg_Common
CopyFiles      = RNDIS_CopyFiles_NT

[RNDIS.NT.Services]
AddService = USB_RNDIS, 2, RNDIS_ServiceInst_NT, RNDIS_EventLog

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[RNDIS_CopyFiles_NT]

; no rename of files on Windows 2000, use the 'k' names as is
usb8023k.sys, , , 0
rndismpk.sys, , , 0

[RNDIS_ServiceInst_NT]

DisplayName = %ServiceDisplayName%
ServiceType = 1
StartType = 3
ErrorControl = 1
ServiceBinary = %12%\usb8023k.sys
LoadOrderGroup = NDIS
AddReg = RNDIS_WMI_AddReg_NT

[RNDIS_WMI_AddReg_NT]

HKR, , MofImagePath, 0x00020000, "System32\drivers\rndismpk.sys"

; Windows XP specific sections -----

[RNDIS.NT.5.1]

Characteristics = 0x84 ; NCF_PHYSICAL + NCF_HAS_UI
BusType = 15
DriverVer = 03/30/2004, 0.0.0.0
AddReg = RNDIS_AddReg_NT, RNDIS_AddReg_Common
; no copyfiles - the files are already in place

[RNDIS.NT.5.1.Services]

AddService = USB_RNDIS, 2, RNDIS_ServiceInst_51, RNDIS_EventLog

[RNDIS_ServiceInst_51]

DisplayName = %ServiceDisplayName%
ServiceType = 1
StartType = 3
ErrorControl = 1
ServiceBinary = %12%\usb8023k.sys
LoadOrderGroup = NDIS
AddReg = RNDIS_WMI_AddReg_51

[RNDIS_WMI_AddReg_51]

HKR, , MofImagePath, 0x00020000, "System32\drivers\rndismpk.sys"

; Windows 2000 and Windows XP common sections -----

[RNDIS_AddReg_NT]

HKR, Ndi, Service, 0, "USB_RNDIS"
HKR, Ndi\Interfaces, UpperRange, 0, "ndis5"
HKR, Ndi\Interfaces, LowerRange, 0, "ethernet"

[RNDIS_EventLog]

AddReg = RNDIS_EventLog_AddReg

[RNDIS_EventLog_AddReg]

HKR, , EventMessageFile, 0x00020000, "%SystemRoot%\System32\netevent.dll"
HKR, , TypesSupported, 0x00010001, 7

; Common Sections -----

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[RNDIS_AddReg_Common]

```
HKR, NDI\params\NetworkAddress, ParamDesc, 0, %NetworkAddress%
HKR, NDI\params\NetworkAddress, type, 0, "edit"
HKR, NDI\params\NetworkAddress, LimitText, 0, "12"
HKR, NDI\params\NetworkAddress, UpperCase, 0, "1"
HKR, NDI\params\NetworkAddress, default, 0, ""
HKR, NDI\params\NetworkAddress, optional, 0, "1"
```

[SourceDisksNames]

1=%SourceDisk%, , 1

[SourceDisksFiles]

```
usb8023m.sys=1
rndismpm.sys=1
usb8023w.sys=1
rndismpw.sys=1
usb8023k.sys=1
rndismpk.sys=1
```

[DestinationDirs]

```
RNDIS_CopyFiles_98 = 10, system32/drivers
RNDIS_CopyFiles_ME = 10, system32/drivers
RNDIS_CopyFiles_NT = 12
```

[Strings]

```
ServiceDisplayName = "USB Remote NDIS Network Device Driver"
NetworkAddress      = "Network Address"
Linux                = "Linux Developer Community"
LinuxDevice          = "Linux USB Ethernet/RNDIS Gadget"
SourceDisk           = "Ethernet/RNDIS Gadget Driver Install Disk"
```