

NPCOMM ver 1.50 Online Manual
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NPCOMM(Network Pseudo Communication port, Ì—ª), Í AWindowsfVfXfef€, É<[Ž
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インストール

NPCOMMは、ポートサーバ、モデム、その他のシリアル制御機器を、LANに接続して、PC1、PC2、PC3と通信するためのソフトウェアです。

インストールには、以下の手順に従ってください。

1. PC1、PC2、PC3にNPCOMMをインストールします。

2. PC1、PC2、PC3をLANに接続します。

3. PC3にポートサーバ、モデム1、モデム2、その他のシリアル制御機器を接続します。

4. PC1、PC2、PC3のIPアドレスを設定します。

5. PC1、PC2、PC3のポート番号を設定します。

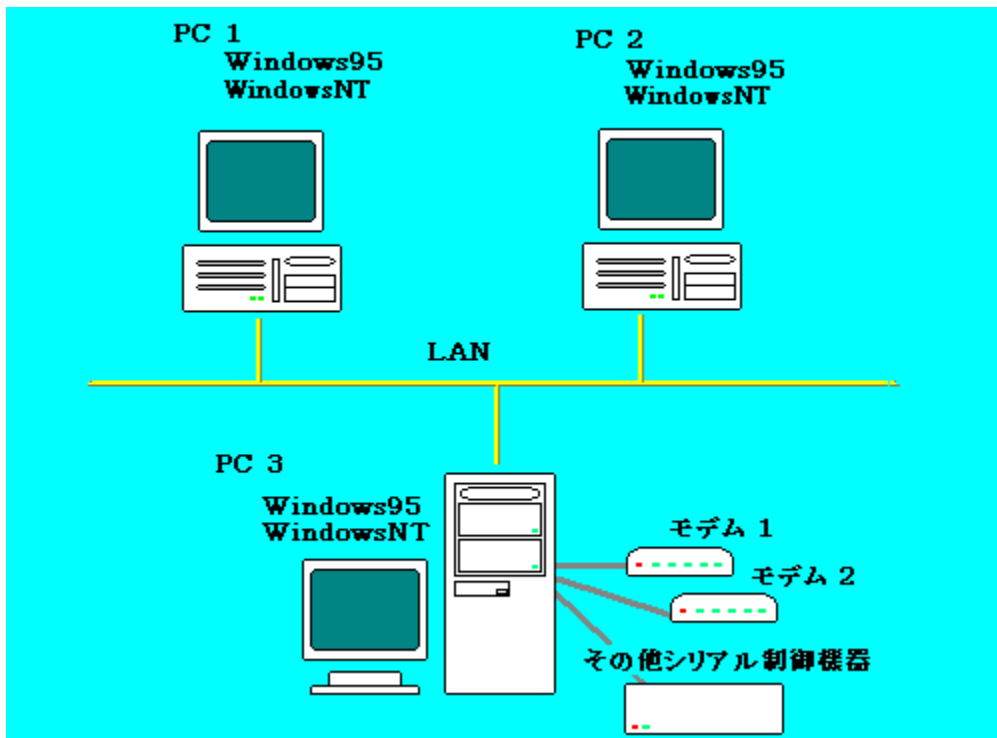
6. PC1、PC2、PC3の通信速度を設定します。

7. PC1、PC2、PC3の通信プロトコルを設定します。

8. PC1、PC2、PC3の通信モードを設定します。

9. PC1、PC2、PC3の通信パラメータを設定します。

10. PC1、PC2、PC3の通信テストを行います。



PC3にポートサーバ、モデム1、モデム2、その他のシリアル制御機器を接続し、NPCOMMをインストールして、PC1、PC2と通信するための設定を行います。

インストールには、以下の手順に従ってください。

1. PC3にポートサーバ、モデム1、モデム2、その他のシリアル制御機器を接続します。

2. PC3にNPCOMMをインストールします。

3. PC1、PC2、PC3のIPアドレスを設定します。

4. PC1、PC2、PC3のポート番号を設定します。

5. PC1、PC2、PC3の通信速度を設定します。

6. PC1、PC2、PC3の通信プロトコルを設定します。

7. PC1、PC2、PC3の通信モードを設定します。

8. PC1、PC2、PC3の通信パラメータを設定します。

9. PC1、PC2、PC3の通信テストを行います。

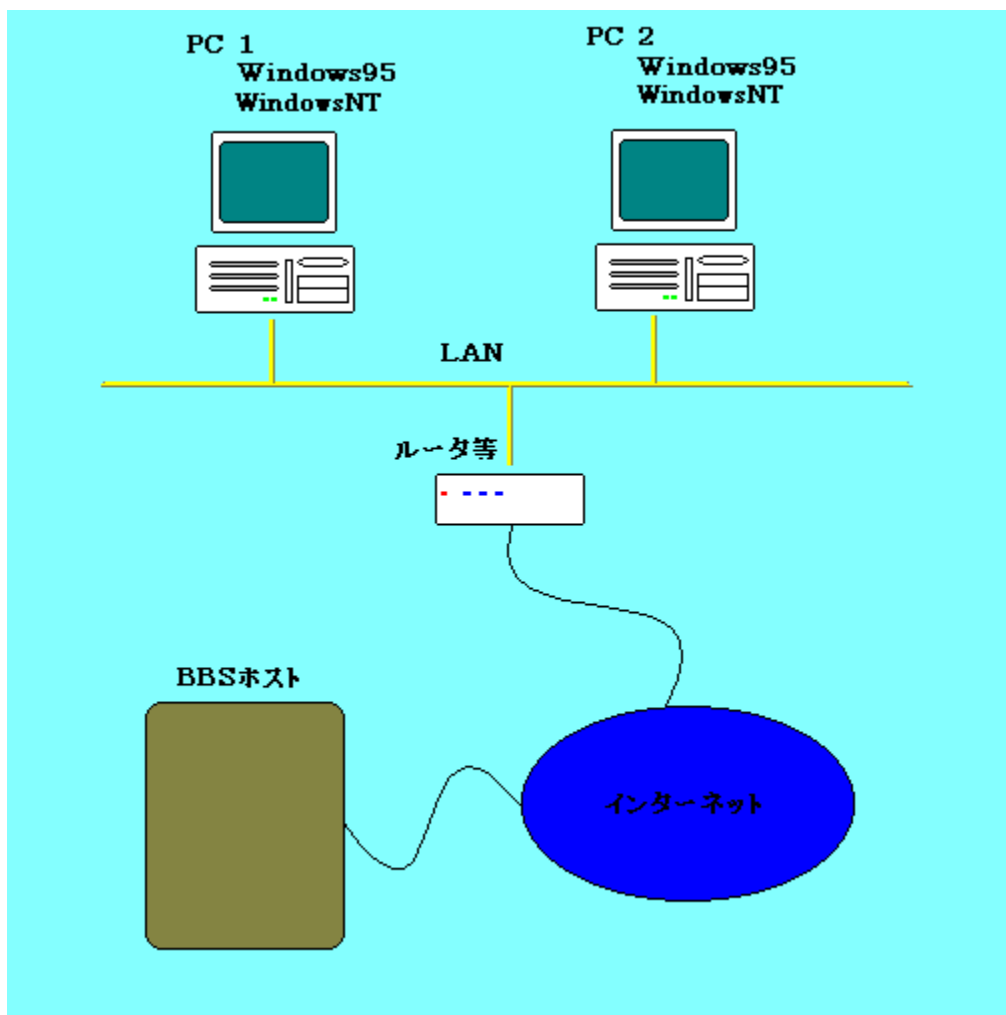
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, ±, ìf%ofWf|f{f^f“, ðOn, É, È, Á, Ä, ç, é, Æ, «, Í ANPCOMM, í< ^ Ž — COMf| [fg, Ö, ì“ü□o—
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NPCOMM“® òì'†, ìf[]fbfZ[][fW,ª•\Žì,³,ê,Ü,·

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インストールと起動

インストールと起動



インストールと起動

Remote Host Name, IP Address, Port Name, etc. (Example)

```

> IP Address: 192.0.0.1
> Port Name: COM2
> Alias:
>
> IP Address: 192.0.0.1
> Port Name: COM1
> Alias:
>
> IP Address: 133.210.10.20
> Port Name: COM1
> Alias:
>
> IP Address: 192.0.0.1
> Port Name: COM1
> Alias:
>
  
```

Remote host name, IP Address, Port Name, etc. (Example)

Remote host name, IP Address, Port Name, etc. (Example)

PortServ,ª%oÒ“® ,µ,Ä,ç,éf}}fVf“,lfAfhfŒfX,ðŸ'è,µ,Ü,·B
flfbfgf[]fN,ìŠÂ«Ÿ'è,ÅAfzfXfg-¼,©,çIPfAfhfŒfX,ªS,,èo,¹,éŸ'è,É,È,Á,Ä,ç
,éê‡,íA,±,±,ÉzfXfg-¼,ð“ü,ê,é,±,Æ,ªo—^,Ü,·B
,»,α,Ä,È,çê‡,íAIPfAfhfŒfX,ð“ü,ê,Ü,·B

PortServ, a%oÒ“ ®, μ, Ä, ç, éf}fVf“ ã, ìA, ±, ÿ, ç, ©, çŽg—p, μ, ½, çCOMf| [fg, ì-
¼ ì, ð AfŠfXfg, ©, ç ‘ ð, μ, Û, · B

,±
,lf`fFfbfNf{fbfNfX,đf`fFfbfN,·,é,Æ□A□Ú'±fefXfg,đ□s,¤□Ů,É□AŽw'è,μ,½fT□[fo□ă,
ìCOMf|□[fg,³CE»Žž“_„ĂŽg—p%oÂ”\,©,đfefXfg,μ,Û,·□B

, ±, lf {f^f", ðfNfŠfbfN, ·, é, Æ AfT [fo, lf AfhfCEfX, ÅŽw'è, µ, ½f |
 [fgfVfFfAfT [fo, É Ú' ± % Å" \, ©, Ç, x, ©, ð'², x, Ü, · B
 f [fg, lfefXfg, à s, x, af` fFfbfN, ³, è, Ä, ç, é, Æ AfT [fo, lf AfhfCEfX
 , ÅŽw'è, µ, ½COMf [fg, aCE» YŽg—p% Å" \, ©, à A, , í, ¹, Ä` fFfbfN, µ, Ü, · B
 fefXfg, ìCE<% È, í%º, ìfefLfXfgf {fbfNfX, É·\Ž', ³, è, Ü, · B
 ·\Ž', ³, è, é"à—e, í A

OK!

f [fgfVfFfAfT [fo, É Ú' ±, Å, «, é, ±, Æ, ðŽ', µ, Ü, · B
 f [fg, lfefXfg, à s, x, af` fFfbfN, ³, è, Ä, ç, é, Æ A, ±, ìCEã, ë, É4CE..., ì" Žš, a·\
 Ž', ³, è, Ü, · B
 , ±, è, ìfŠf, [fg, ìCOMf [fg, ìf, fff€f% ofCf", ìó'Ô, Å A¶, ©, ç CTS, DSR, RI, CD
 , Å, · B

Already connected!

, ·, Å, É, ±, ìNPCOMM, af [fgfVfFfAfT [fo, Æ Ú' ±, µ, Ä, ç, é, ±, Æ, ðŽ', µ, Ü, · B

No response!

Žw'è, µ, ½f [fgfVfFfAfT [fo, É Ú' ±, Å, «, È, ©, Á, ½, ±, Æ, ðŽ', µ, Ü, · B

Port occupied!

f [fgfVfFfAfT [fo, É, í Ú' ±, Å, «, ½, aAŽw'è, µ, ½COMf [fg, íŽg—
 p, Å, «, È, çó'Ô, Å, , é, ±, Æ, ðŽ', µ, Ü, · f [fg, lfefXfg, à s, x, af` fFfbfN, ³, è, Ä, ç
 , é, Æ, «, ì, Ý B
 , ì, x, ç, ì, Ç, è, ©, Å, · B
 CE<% È, a·Ô, Á, Ä, é, Ü, Å, É A Å'·, Å5·b'ö'Ò, ½, ³, è, é, ±, Æ, a, , è, Ü, · B

Šef`fFbfN,đ□s,Á,½Œ<%oÊ,ª•\Ž|,³,ê,Û,·□B

, ±, ì€-Ú, ðf`fFbfN, μ, Ä, ", , Æ A'èŠú"l, Éi-ñ1.5 • b jŽw'è, μ, ½fT [fo, ÖÚ' ±%oÂ"\
, ©, Ç, x, ©Ž©"®"l, Éf`fFbfN, μ, Ü, ·B
ft [fo, ìfAfhfCEfX, ÅŽw'è, ³, ê, ½f}fVf", ÅPortServ, a"®ì, μ, Ä, ç
, È, çêñ, âAfŠf, [fg, ìf [fg-¼, ÅŽw'è, μ, ½f| [fg, ð'¼, ìf}fVf"ã, ìNPCOMM, aŽg
—p, μ, Ä, ç, é, Æ, «, íANPCOMM, ìfAfcRf", a, ì—l, É•i%o», μ, Ü, ·B

LAN ă, Å%Ò“ ®, μ, Ä, ç, éPortServ, ìó‘Ô, ð’², x, Ü, ·B
CE<%oÊ, í%oº, ìfefLjXfgf{fbfNfX, É•\Ž!, ³, ê, Ü, ·B

, ±, ìf{f^f", ðfNfŠfbfN, ·, é, Æ □ ALAN □ ã, Å%oÒ" ®, μ, Ä, †
, éPortServ, ð'T, μ, Ä □ ACE ©, Ä, ©, Á, ½fT □ [fo, ìfAfhfCEfX, ð □ ã, ìfRf"f{f{fbfNfX, ÉfZfbfg
, μ, Ü, · □ B

Œ»Ÿ, ìfT[fó, ìfAfhfŒfX, ÆŸAfŠf, [fg, ìf|[fg-¼, ìŸ'è, ð%º, ìŸ'èŠfXfg, É'Ç
%ºÁ, µ, Û, ·B

%º,ìÝ'èŠfXfg,Å'ì'ð,³,ê,Ä,ç,é€-Ú,ðAfŠfXfg,©,çíœ,μ,Û,·B

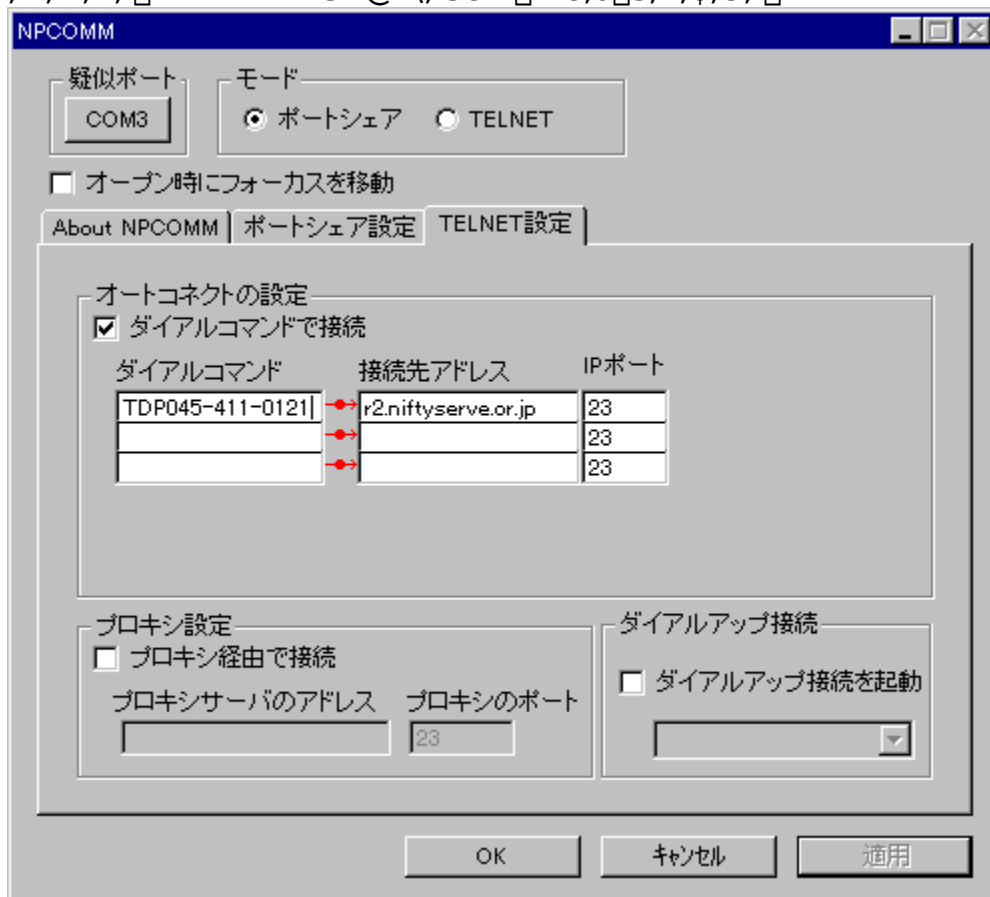
fT[f0,lfAfhfŒfX,ÆfŠf,[]fg,lf|[]fg-¼,ìŸ'è,lfŠfXfg,Å,·B
,±,lfŠfXfg,ì't,É, ,é€-Ú,íAf|fbfvfAfbfvf[]fj...[][É•Ž!,³,êA,»,±,©,ç'l'ð,·,é,±
,Æ,ª,Å,«,Ü,·B

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TELNET setting

TELNET setting dialog box

TELNET setting dialog box



TELNET setting dialog box

TELNET setting dialog box

,±,lf`fFbfNf{fbfNfX,af`fFbfN,³,ê,Ä,ç,é,Æ[Af_fCfAf<fRf}]f“fh []
[], []Ú'±[]æfAfhfÆfX •iŠ·<@"\,ªOn,É,È,è,Ü,·[]B

f_fCfAf<fRf}f“fh □□,, □Ú‘±□æfAfhfĀfX •İŠ·<@“\,ªOn,É,È,Á,Ä,ċ
,é,Æ,«□ANPCOMM,Í,±,lfefLfXfgf{fbfNfX,É□Ý’è,³,ê,½•¶Žš—ň,đŠÄŽ<,μ,Û,·□B
fAfvfŠfP□[fVf‡f“,©,ç<[Ž—COMf|□[fg,É’—□o,³,ê,½•¶Žš—ň,ª,±,±
,É□Ý’è,³,ê,½•¶Žš—ň,Æf}fbf`,μ,½,Æ,«□A’î%ož,·,é**Destination**
Address,lfefLfXfgf{fbfNfX,ÉŽw’è,³,ê,½fAfhfĀfX,É□Ú’±,μ,Û,·□B
Dial Command ,ÆDestination Address,Ì’g,ÍŽO,Â,Û,Ä□Ý’è,Â,«,Û,·□B

Ú' ± æ, ìzfXfg, ìfAfhfÇfX, ð, ±, ±, ÉÝ'è, µ, Ü, ·B
¶, ì **Dial Command**, ÉÝ'è, ³, ê, ½ • ¶Žš—ñ, ¶fAfvfŠfP[fVf#f“, ©, ç'—
o, ³, ê, é, ÆA, ±, ìfefLfXfgf{fbfNfX, ÉÝ'è, ³, ê, ½fAfhfÇfX, ÉÚ' ±, µ, Ü, ·B

fvf□fLjVfT□[fo,lfAfhf☉fX,đŽw'è,μ,Ü,·□B

TELNET,ÉŠ,,è“-,Ä,ç,ê,Ä,ç,é[]Afvf[]fLfv,lf|[]fg”Ô[]t,đŽw’è,μ,Ü,·[]B

fCf“f^[]fifbfg,Éfvf[]fLjVfT[]foEo—R,Å[]Ú‘±,μ,Ä,ç,é[]ê[]#[]A,±
,ì`fFfbfNf{fbfNfX,ðf`fFfbfN,μ,Ü,·[]B

Server Address,Æ[]**AIP-PortNumber**,ð[]Ý’è,·,é,±

,Æ,É,æ,è[]Afvf[]fLjVfT[]foEo—R,Å,ÌTELNETfAfNfZfX,ª%oÅ”\,É,È,è,Ü,·[]B

,±,ìf`fFfbfNf{fbfNfX,ðf`fFfbfN,μ,Ä,¨,,Æ□A**Connection Name**,ÅŽw'è,μ,Ä,ç
,éf_fCfAf<fAfbfvflfbfgf□□lfN,Ö,ì□Ú'±,ª□s,í,ê,Ü,·□B

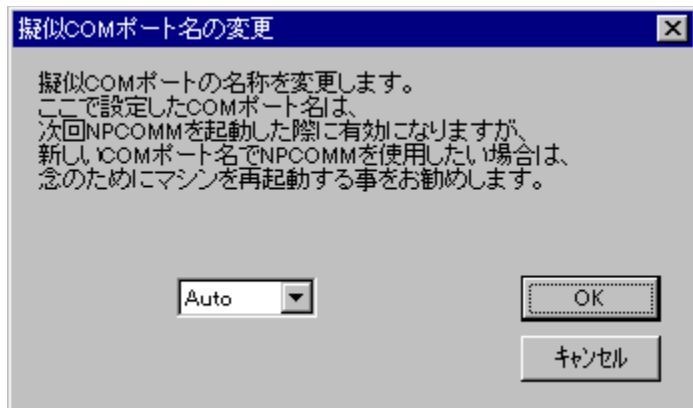
f_fCfAf<fAfbfvflfbfgf[]fN,ìÚ'±-¼,đ'í'đ,μ,Û,·B
Kick Ras ,âf`fFbfN,³,ê,Ä,ç,È,ç,Æ,«,í-³CEø,Å,·B

Ú'±,·,éÛ,ìPfl[fg"Ô±,žw'è,μ,Û,·B
ffftfHf<fg,Å23iTELNET,ìf[fg"Ô±j,É,È,Á,Ä,ç,Û,·B
,±,ì"Ô±,ž23^ÈŠO,ì'l,É•ïX,·,é,ÆANPCOMM,íTELNET fvf[fgfRf<,ì^—,žs,í,È,-
,È,è,Û,·B
TELNET^ÈŠO,ìT[frfX,ÉÚ'±,μ,½,çê±,í,±,±,ì'l,ž•ïX,μ,Ä,,¾,³,çB

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Local port setting

Windows 95/98/NT/2000/XP/ME/2003/Vista/7/8/10
日本語



日本語

, ±, ±, Å □ A < [Ž — COM f | □ [f g , ì - ¼ □ ì , ð • ĩ , , , é , ± , Æ , ¢ □ o — ^ , Ü , · □ B
Auto, ð ' ĩ ' ð , · , é , Æ □ ANPCOMM < N “ ® Ž ž , É Ž © “ ® , Å COM f | □ [f g -
¼ , ¢ Æ ^ ' è , ¢ , è , Ü , · (f f t f H f < f g) □ B

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NPCOMM, Ì“ ® ìf, ò[fh

NPCOMM, Í Af| ò[fgfVfFfA<@“\, ð’ ñ<ÿ, ·, éf, ò[fh, Æ òATELNET•İŠ·<@“\
, ð’ ñ<ÿ, ·, éf, ò[fh, Ì“ ñ, Â, Ì“ ® ìf, ò[fh, ðŽ ò, Á, Ä, ç, Ü, · òB
f|fbfVfAfbfVfòffj... ò[, Å òA" f| ò[fgfVfFfAf, ò[fh" , ð’ Ì’ ð, ·, é, Æ òif òffj... ò[€-
Ú, Ì ò¶, Éf` fFfbfN, ·t, «, Ü, · òj NPCOMM, Íf| ò[fgfVfFfA<@“\, ð’ ñ<ÿ, ·, éf, ò[fh, É, È, è, Ü, · òB
"TELNETf, ò[fh", ð’ Ì’ ð, ·, é, Æ òANPCOMM, ÍTELNET•İŠ·<@“\
, ð’ ñ<ÿ, ·, éf, ò[fh, É, È, è, Ü, · òB

NPCOMM, ðŽg—p, ·, é òÛ, É, Í òAŽ © ·ª, ÌŽg—p, µ, ½, ç“ ® ìf, ò[fh, ðŠÔ^á, Ì, È, ç, æ, x
, É’ Ì’ ð, µ, Ä, ¨, ç, Ä, , ¾, ³, ç òB

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OS,É,æ,é^á,ç

NPCOMM,íAWindows95ã,ÅŽg—p,·,éêë,ÆAWindowsNTã,ÅŽg—p,·,éêë,Æ,ÅA^È%º,ì,æ,æ,È^á,ç,ª,è,Û,·B

1. <[Ž—COMf] [fg,ì“o~^,Æííœ

Windows95ã,Å,íANPCOMM.exe,ì—§,¿ã,°Žž,É<[Ž—COMf] [fg,ðvfXfef€
,É“o~^,µ,Û,·B

WindowsNTã,Å,íAlnstnp.exe,Å<[Ž—COMf] [fgfhf
%ofCfo,ðfXf^ [fg,^{3,1,1/2}Û,ÉA<[Ž—COMf] [fg,ªvfXfef€,É“o~^,^{3,1,1/2}Û,·B
<[Ž—COMf] [fg,íííœ,íAWindows95ã,Å,íNPCOMM.exe,ðí—
^{1,3,1,1/2}Û,Éííœ,^{3,1,1/2}Û,É^í,µAWindowsNTã,Å,íA<[Ž—COMf] [fgfhf
%ofCfo,ð^âž~^{3,1,1/2}Û,é,©AfAf“fCf“fXfg [f<,µ,É,ç,Æ<[Ž—COMf]
 [fg,íííœ,^{3,1,1/2}Û,ñB

2. <[Ž—COMf] [fg,ì-¼í

Windows95ã,Å,íA<[Ž—COMf] [fg,ì-¼í,íANPCOMM,ì—
§,¿ã,°Žž,ÉŽ©“®“l,ÉY’è,^{3,1,1/2}Û,·B
-”ANPCOMM.exe,ì‘€í,Å<[Ž—COMf] [fg,ì-¼í,ðÄY’è,·,é,±,Æ,ªo—
^,Û,(Localport settingŽQÆjB
WindowsNTã,Å,íA<[Ž—COMf] [fg,ì-¼í,íAlnstnp.exe,ÅY’è,µ,Û,·B

3. “®í,ì^á,ç

Windows95,ÆENT,Å,íA<^Ž—COMf] [fgfhf%ofCfo,ìŽÀÆ»•û-
@,ª^Û,È,é,1/2,ßAfTf] [fg,·,éAfvfŠfP [fvf#f“,É,àX^á,ç,ª—L,è,Û,·B

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PortServ, ĩfCf“fXfg ĩf<

f ĩ ĩfgfVfFfA<@“\,đ—~—p,·,·,é,É,Í ĩ AfVfFfA,μ,½,¢COMf ĩ ĩfg,ª—
L,éf}fVf“ ĩ ĩ, ĩfT ĩ ĩfofvf ĩ ĩOf%of€€,đ—š,ĩ ĩ ĩ,°,é•K—v,ª—L,è,Ü,· ĩB

-{fŠfŠ ĩ ĩfX,Ā,Í ĩ Af ĩ ĩfgfVfFfAfT ĩ ĩfofvf ĩ ĩOf%of€
,Æ,μ,Ā ĩ APortServ.exe,ÆPSS.exe,đ’ñ<Ÿ,μ,Ā,¢,Ü,· ĩB
,Ç,ĩ,ç,à<@“\“l,É,Í‘S,“~“,ŋ,Ā,· ĩB
,²Žg—p,İŠĀ<«“™,É%ž,ŋ,Ā ĩ A,Ç,ĩ,ç,©,đ—š,ĩ ĩ ĩ,°,é,æ,ɤ,É,μ,Ā%ºº,³,¢ ĩB

,È,“ ĩ APortServ,đŽg—p,·,·,é,½,β,É,Í ĩ Af}fVf“,ÉTCP/IP,ªfCf“fXfg ĩ ĩf<,³,ê,Ā,¢,é•K—
v,ª, ,è,Ü,· ĩB

NPCOMM, ĩfA ĩ ĩfjCfu,đ%đ“€€,μ,½,ç ĩ AfTf@fCf<,đ’S,ĀfT ĩ ĩfo,Æ,μ,Ā%º^—
p,μ,½,¢f}fVf“,ÉfRfs ĩ ĩ,μ,Ā,,¾,³,¢ ĩB
ĩi,È,é,x,f ĩ ĩ ĩfj<fffBfXfN,ÉfRfs ĩ ĩ,μ,Ā,,¾,³,¢ ĩ
PortServ“ɤ,Ā,Í•K—v,É,¢fTf@fCf<,à, ,è,Ü,·,ª ĩ A-Ê“ ĩ
,È,ì,ĀŽæ,èŠ, ,ı, ,‘S,ĀfRfs ĩ ĩ,·,é,±,Æ,É,μ,Ü,· ĩB

fTf@fCf<,đfRfs ĩ ĩ,μ,½,ç ĩ APortServ,đ—š,ĩ ĩ ĩ,°,Ü,· ĩB

instps.exe,đŽg—p,μ,Ā ĩ AfT ĩ ĩfofvf ĩ ĩOf%of€€,đfCf“fXfg ĩ ĩf<,·,é ĩ ĩ ĩ

PortServ.exe,đŽè“® ,Ā<N“® ,·,é ĩ ĩ ĩ

^È%ºº ĩ A•â’« ĩ ĩà-¾

PortServ,Æ,μ,Ā%º^—p,·,·,é,ì,É•K—v,ÈfTf@fCf<,Í^È%ºº,ì’È,è,Ā,· ĩB

PortServ.exe

Windows95, WindowsNT,ĀŽg—p,Ā,«,éfT ĩ ĩfofvf ĩ ĩOf%of€€,Ā,· ĩB

PSS.exe

WindowsNT, ĩfT ĩ ĩfX,Æ,μ,Ā<N“® ,·,·,éfT ĩ ĩfofvf ĩ ĩOf%of€€,Ā,· ĩB
fTf@fCf<f}f ĩ ĩ ĩfWff“™,©,ç’¼ ĩ ĩĀ<N“® ,³,¹,éŽ-,Í ĩ o—^,Ü,¹,ñ ĩB

Instps.exe

PortServ.exe, PSS.exe,đfT ĩ ĩfX,Æ,μ,ĀfVfXfef€€,É“o~^,·,·,éfvf ĩ ĩOf%of€€,Ā,· ĩB
DOSfVf ĩ ĩ“fVfg,©,çŽg—p,μ,Ü,· ĩB

Windows95, ĩf}fVf“,đf ĩ ĩfgfVfFfAfT ĩ ĩfo,Æ,μ,Ā%º^—p,μ,½,¢ ĩ ĩ ĩ

PortServ.exe,ì,ŸŽg—p,Ā,«,Ü,· ĩB

,±,ì,Æ,« ĩ A•t’® , ĩ instps.exe,đŽg—p,·,·,éŽ-,É,æ,è ĩ Af}fVf“,É’N,àf ĩ ĩOfCf“,μ,Ā,¢
,È,¢ ĩ ĩó’Ô,Ā ĩ APortServ.exe,ª<N“® ,μ,Ā,¢,é,æ,ɤ,É ĩ Ÿ’è,·,éŽ-,ª ĩ o—^,Ü,· ĩB

WindowsNT, ĩf}fVf“,đf ĩ ĩfgfVfFfAfT ĩ ĩfo,Æ,μ,Ā%º^—p,μ,½,¢ ĩ ĩ ĩ

PortServ.exe, PSS.exe, ĩ—¼•û,ªŽg—p,Ā,«,Ü,· ĩB

f}fVf“,É’N,àf ĩ ĩOfCf“,μ,Ā,¢,È,¢ ĩ ĩó’Ô,Āf ĩ

ĩ ĩfgfVfFfAfT ĩ ĩfo,Æ,μ,Ā“® ĩ,³,¹,é ĩ ĩ ĩ ĩ ĩ APSS.exe,đŽg—p,·,·,éŽ-,É,È,è,Ü,· ĩB

,±,ìê‡,Å,àA•t'® ,linstps.exe,đŽg—p,μ,ÄÝ'è,μ,Û,·B

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PortServT[f]rfX,ì“o~^

instps.exe,đŽg—p,μ,ÄAfT[f]ofvf[f]Of%of€,đfT[f]rfX,Æ,μ,ÄfvfXfef€,É“o~^,.,é,±,Æ,ªo—^,Ü,·B

Windows95,ìê†

E“K”-
,ÈftfHf<f_,ÉPortServ.exe,Æinstps.exe,đ’u,«ADOSfvf[f]“fvfg,đŠJ,«,Ü,·B

EDOSfvf[f]“fvfgã,ÅAPortServ.exe,Æinstps.exe,ª—
L,éfffBfÇfNfgfŠ,És,«A

instps↵

,ÆfRf}f“fh,đ“ü—í,μ,Ü,·B

Service installed.

To take effect this installation, please restart Windows.

,Æ•\Ž|,³,ê,Ü,·BŽÿ%oñ,ìWindows,ìÄ<N“®ŽŽ,©,çAÝ’è,ª—
LÆø,É,È,èAPortServ.exe,íŽ©“®“l,É—š,ìã,ª,è,Ü,·B

PortServ.exe,ªŽ©“®“l,É—š,ìã,ª,ç,È,ç,æ,æ,É,.,é,É,íA
DOSfvf[f]“fvfg,ÅA

instps remove↵

,Æ“ü—í,μ,Ä%oº,³,çB

WindowsNT,ìê†

E“K”-
,ÈfffBfÇfNfgfŠ,ÉAPSS.exe,Æinstps.exe,đ’u,«ADOSfvf[f]“fvfg,đŠJ,«,Ü,·B

EDOSfvf[f]“fvfgã,ÅAPSS.exe,Æinstps.exe,ì—L,éfffBfÇfNfgfŠ,És,«A

instps↵

,Æ“ü—í,μ,Ü,·B

Installing PortServ as NT service...Done.

,Æ•\Ž|,³,ê,Ü,·B,±
,ìó’Ô,ÅAPSS.exe,ìNT,ìfT[f]rfX,Æ,μ,Ä“o~^,³,êA<N“®,μ,Ä,ç,Ü,·B

PSS.exe,đNT,ìfT[f]rfX,©,çíœ,.,é,É,íA

instps remove

,Æ“ü—Í,μ,Ä%°°,³,çB
PSS.exe, PortServ.exe,ì—L,éfffBfCEfNfgfŠ,đ•ïX,μ,½ê‡A
^ê“x

instps remove

,Æ,μ,Ä,©,çA,à,æ^ê“xV,μ,çfffBfCEfNfgfŠ,Å

instps



,Æ,μ,Ä%°°,³,çB

fAf“fCf“fXfg[f<,·,é,Æ,«,íA

instps remove

,đŽÀs,μ,ÄA%°°đ“€,μ,½ftf@fCf<,đ,·,×,Äíœ,μ,Ä%°°,³,çB
PortServ,đ—š,¿ã,°¼,·,Æ,«,à“~,¶‘€ì,đs,É,ç,Û,·B

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PortServ.exe, ẽŽè“® , Å<N“® , , , é



PortServ.exe, ẽŽè“® , Å<N“® , , , é, ±, Æ, É, æ, è, »A, » , ìf}fVf“ , ðf|

□[fgfVfFfAfT□[fo, Æ, , , é, ±, Æ, æ, è, »A, » , ìf}fVf“ , ðf|

“Á, É, Ý”è, ð, s, É, æ, K—v, Í, , è, Ü, ¹, ñ□B

fAf“fCf“fXfg□[f<, , , é, Æ, «, Í□A%øð“€ , µ, ½ftf@fCf<, ð, , , x, Ä□í□œ, µ, Ä%øø, ³, ç□B

Windows95□AWindowsNT4.0□ã, ÅxfGfNfXfvf□□[f

%ø“™ , ©, ç, ¼□Ú<N“® , µ, ½□ê□#□AfVfXfef€fgfCEfC, ÉPortServ, ìfAfCfRf“ , æ“o~^ , ³, ê

□Af|fbfvfAfbfvf□fjf...□[, æŽg—p%øA“\ , Æ, É, è, Ü, , □B

PortServ, ì□|—¹“™ , Í□A, ±, ìf|fbfvfAfbfvf□fjf...□[, ©, ç□s, Á, Ä, , ¾, ³, ç□B

WindowsNT3.51□ã, Å<N“® , µ, ½□ê□#□APortServ, ì□[fCf“fRf“fgf□□[f<fpf|f<, æ•\

Ž, ³, ê, Ü, , □B

PortServ, ð□|—¹, ³, ¹, ½, ç□ê□# , Í□A, ±, ìfEfCf“fhfE, ìfVfXfef€f□fjf...□[, ©, ç□s, Á, Ä, -

, ¾, ³, ç□B



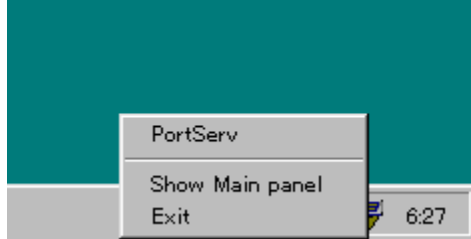
□E□}’t, ðfNfŠfbfN, , , é, Æ□à-¾, æCE© , ç, ê, Ü, , □B

fVfXfef€fgfCfCã,ìA,±,ìfAfCfRf“,đfNfŠfbfN,·,é,ÆAf|fbfvfAfbfvf|fjf...|,ª•\
Ž!,³,ê,Ü,·B

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PortServ.exe, if|fbfvfAfbfvf[]fjf...[]

fVfXfef€fgfCfC[]ã, àPortServ, ifAfCfRf", ðfNfŠfbfN, ., é, Æ[]A^È%º, ì, æ, ¼, Èf|
fbfvfAfbfvf[]fjf...[], °•\Ž|, ³, ê, Ü, ·[]B



[]E[]}t, ðfNfŠfbfN, ., é, Æ[]à-¾, °CE©, ç, ê, Ü, ·[]B

,±,lf□fjf...□[□€-Ú,í□A'í'δ,μ,Ä,à%½,lfAfNfVf†f“,à<N,±,μ,Ü,¹,ñ□B
,±,lf|fbfvfAfbfvf□fjf...□[,ª□APortServ.exe,ì,à,ì,Å, ,é,±,Æ,đŽ|,μ,Ä,ç,Ü,·□B

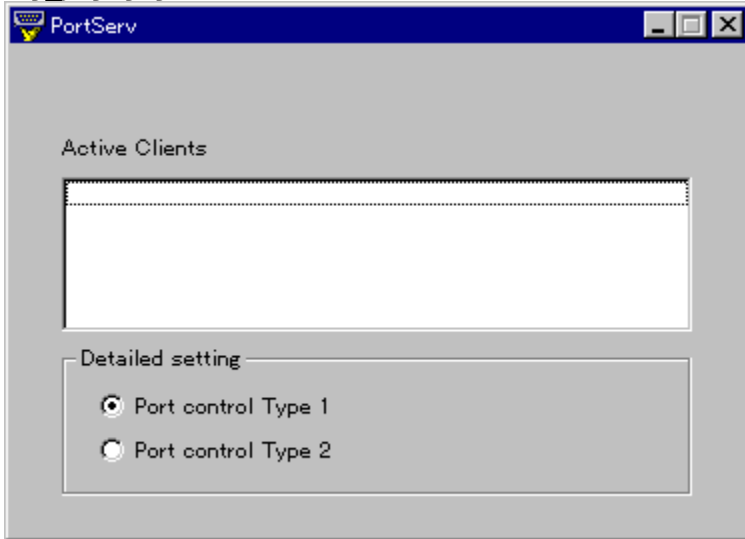
,±,lfjff...[€-Ú,đ'l'đ,·,é,ÆAPortServ.exe,lfCf“fpflfç,ª•\Ž|,³,ê,Û,·B

,±,lf[]ffj...[][]€-Ú,đ'ı'đ,·,é,±,Æ,É,æ,è[]APortServ.exe,đ[]l—^{1,3,1},é,±,Æ,^ä[]o—
^,Ü,·[]B

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PortServ.exe, if you click "fpf" <

flfbfvfAfbfvf... [], ©, ç Show Main panel, ð 'l' ð, ·, é, Æ [A^È%º, ì, æ, x
, Èf_fCfAf_fO, º·\Z|, º, ê, Û, · [B



[E] } 't, ðfNfŠfbfN, ·, é, Æ [à-¾, ºCE ©, ç, ê, Û, · [B

,±,lfEfbf“fhfE,ÉACE»ÝÚ‘±,μ,Ä,ç,éfNf%ofCfAf“fg(NPCOMM),ìó‘Ô,^a•\
Ž!,³,ê,Ü,·B

“Á,É<C,É,·,é•K—v,Í, ,è,Ü,¹,ñ,^a□AŽæ,èŠ,^l,^s **Type1**,É,μ,Ä,“,ç,Ä,^{3/4},³,ç□B

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File Locations

PortServ, IPfT[fXf]fg"t, IPortServ.ini, ENPCOMM.ini, TCP/IPfZfNfVf" IPPortNumber= ,l,AE,μ,ÄÝ'è,³,ê,Ä,φ,Ü,·B

,à,μA, Žg,φ, ŠÂ««, ÅAfT[fXf, IPf]fg"t,ª,Ô,Â,©,éê‡, ÍAPortServ.ini, ENPCOMM.ini, IPPortNumber, l, ð•iX, μ, Ä%º,³, φB

PortServ.ini, ENPCOMM.ini, Í,»ê,¼,êPorServ, ENPCOMM,ªŽÀs,³,ê,éffBfƒfNfgf Š,É—L,è,Ü,·B

(PSS.exe, ÍAPortServ.ini, ð%Windows%system32, l%º,Éi¬, μ, Ü,·j

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Instps.exe

**, ±, ìfvf fOf%of€ , ðWindowsNT ã, ÅŽg—p, , éê ‡, í Administrator, ìCE
CEÀ, ð, È, , ê, ÌŽÀ s, Å, «, Ü, ¹, ñ B**

fRf}f“fhf%ofCf“ , Å<N“ ®, , éfvf fOf%of€, Å, · B
PortServ iPortServ.exe, Ü, ½, ÌPSS.exe j, ðfVfXfef€
, ÈfT [frfX, Æ, µ, Ä“o~ ^, , é, ½, ß, ÈŽg—p, µ, Ü, · B
, ±, ìfvf fOf%of€, ðŽg—
p, µ, ÄPortServ, ðfCf“fXfg [f<, µ, Ä, ”, , î Af}fVf“ , È‘N, àf fOfCf“ , µ, Ä, ç
, È, ç ó‘Ô, Å APortServ, ð—š, ð ã, ð, Ä, Ä, ç, é, æ, æ, È, , é, ±, Æ, ð o—^, Ü, · B

DOSfvf f“fvfg ã, ÅŽg—p, µ, Ä, , ¾, ¾, ç B

[Windows95]

PortServ.exe, ì, , éfffBfCEfNfgfš, Å A
instps ←

fT [frfX Ý‘è, ð%oð œ, , é, Æ, «, Ì
instps remove ←

[WindowsNT]

PSS.exe, ì, , éfffBfCEfNfgfš, Å A
instps ←

fT [frfX Ý‘è, ð%oð œ, , é, Æ, «, Ì
instps remove ←

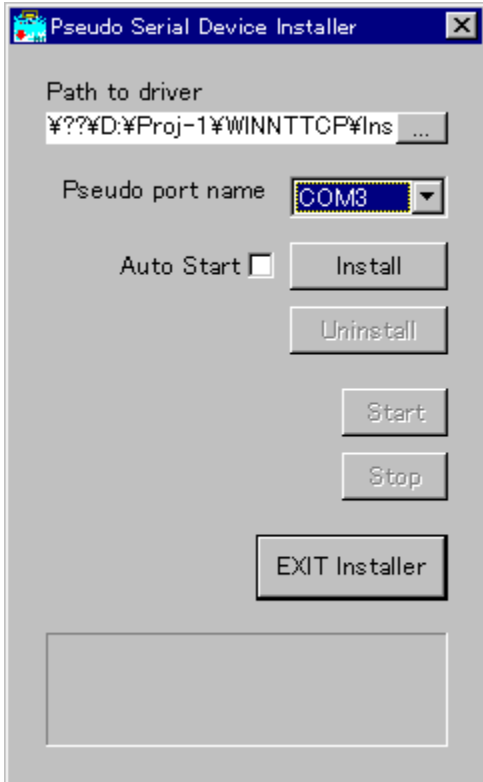
, ±, ìfvf fOf%of€, ðŽÀ s, , é, ±
, Æ, È, æ, è AWindowsfffBfCEfNfgfš, È, Ç, Èftf@fCf<, ðRfs [, ¾, è, é, ±, Æ, Ì, , è, Ü, ¹, ñ B

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Administrator, Administrator

WindowsNT, serial.sys, o~^, é, 1/2, ß, ÉŽg, N"®, , é, Æ^È%º, ì, æ, x, Èf_fCfAf_fO, a•\Ž!, 3, é, Ü, .



Path to driver, Pseudo port name, Auto Start, Install, Uninstall, Start, Stop, EXIT Installer

Instnp.exe, serial.sys, u, ©, é, Ä, ç, éfffBfÇfNfgfŠ, A<N"®, , é, Î Path to driver, à, í, ç, ¶, é•K—v, í, , è, Ü, 1, ñ

Šî-{"I, È"o~^, ÌŽè, í

1. instnp.exe, <N"®
2. Pseudo port name, Ž—f|[fg, Æ, µ, ÄŠ,, è—, Ä, 1/2, ç-1/4'O, ÉÝ'è
3. Install f{f^f", ŠfNfŠfbfN
4. Start f{f^f", ŠfNfŠfbfN
5. instnp.exe, ð|—¹

Ü, 1/2 A"o~^, Ìíœ, í

1. NPCOMM.exe, <N"®, µ, Ä, ç, 1/2, ç|—¹, 3, 1, é
2. Instnp.exe, <N"®
3. Stop f{f^f", ŠfNfŠfbfN

- 4. Uninstall f{f^f“,đfNfŠfbfN
- 5. Instnp.exe ,đ□l—¹

,Æ,É,è,Ü,·□B

Auto Start,đf`fFfbfN,μ,Ä**Install**,·,é,±,Æ,É,æ,è□AŽŸ

%oñWindows<N“®ŽŽ,©,çŽ©“®,Å<[Ž—COMf]□[fgfhf%ofCfo,ª<N“®,·,é,æ,π,
,É,É,è,Ü,·□B

□! **Auto Start** ,đf`fFfbfN,μ,ÄfCf“fXfg□[f<,·,é‘O,É□A□æ,·^ê“x<[Ž—f]
□[fgfhf%ofCfo,đ-â‘è-³,Start□o—^,é,±,Æ,đŠm”F,μ,Ä,,³/₄,³,¢□B

,±,lfvf□fOf%of€,đŽÀ□s,·,é,±

,Æ,É,æ,è□AWindowsfffBfŒfNfgfŠ,È,Ç,Éftf@fCf<,ªfRfs□[,³,ê,é,±,Æ,Í,·,è,Ü,¹,ñ□B

pserial.sys, ð“ü—í, μ, Ü, ·B
%oE, ðfNfŠfbfN, ·, é, ±, Æ, É, æ, èAftf@fCf<f_fCfAfO, ©, ç'l'ð, ·, é, ±, Æ, °o—
^, Ü, ·B

$\langle \check{Z} - \text{COM}f | \square [fg, i^{-1/4} \square \check{i}, \delta, \pm, \pm, \text{Å} \text{E}^{\wedge}, \beta, \ddot{U}, \cdot \square B$

,±,lf`fFbfNf{fbfNfX,đf`fFbfN,μ,Ä"Install",·,é,Æ□A<[Ž—COMf|□[fgfhf
%oofCfo,í□AZŸ%oň,ìWindows—š,¿□ã,°Žž,©,ç□AZ©“® ,ÅXf^□[fg,·,é,æ,æ
,É,È,è,Ù,·□B

<[Ž—COMf|[]fghf%ofCfo,đfVfXfef€,É“o~^,μ,Û,·[]B

<[Ž—COMf|[]fghf%ofCfo,ì“o~^,đí[]œ,μ,Û,·[]B

<[Ž—COMf|[]fghf%ofCfo,đfXf^[]fg,^{3,1},Ü,·[]B

<[Ž—COMf|[]fghf%ofCfo,đ'âŽ~,³,¹,Ü,·[]B

fCf“fXfg□[f%oo,đ□l—¹,μ,Û,·□B

Instnp.exe, ĩfGf%o□[f□fbfZ□[fW, È, Ç, ¢•\Žı, ¢, ê, Û, ·□B

<[Ž—COMf|[]fghf%ofCfo,lfpfX,đ•ĩ[]X,·,é,Æ,«,É[]A,±,lf{f^f“,đ%oŸ,μ,Ä•\
Ž!,³,ê,éftf@fCf<f_fCfAf[]fO,đŽg—p,μ,Ä,,³/₄,³,ϕ[]B

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Resetps.exe

, ±, ÿ, v, f, f, O, f, %, f, €, Í, A, PortServ (PortServ.exe, PSS.exe)

, ð, f, Š, f, Z, f, b, f, g, ·, ·, é, ½, ß, ì, à, ì, Å, ·, B

< N " ®, ·, ·, é, Æ ^ È % ° °, ì, æ, æ, È, f, _ f, C, f, A, f, f, O, ^, ·, \, Ž, |, ^, ³, ê, Ü, ·, B



"Reset PortServ service" f { f ^ f " , ð % ° Ÿ , ·, Æ A, » , ì } f v f " , Å < N " ® , μ , Ä , ç

, é, PortServ, È, f, Š, f, Z, f, b, f, g, ^, Š, |, ©, è, Ü, ·, B

, ±, ê, É, æ, è, A ' S, Ä, Ì, NPCOMM f N f % ° f C f A f " f g , Æ , ì, Ú ' ± , à, Ø, ç, ê, Ü, ·, B

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TCP/IP, ĩfZfbfgfAfbfv

NPCOMM, ĩAfgf%of“fXfĩfg, ĘTCP/IP, đŽg—p, μ, Ā, č, Ů, ·, ĩ, ĀA, “Žg, č, ĩfVfXfef€
ĘTCP/IP, đZfbfgfAfbfv, ·, é•K—v, º—L, è, Ů, ·B
^È%ºA“Á, ĘfĩĩfgfVfFfA<@“\, đŽg—p, ·, éĩéĩž, Ę, Ā, č, Ā—á, đ<“, °, Āĩà—¾, μ, Ů, ·B
PortServ, đ—š, ĩĩã, °, éf}fVf“ĩANPCOMM, đ—š, ĩĩã, °, éf}fVf“, ĩ—¼•û, Ā^Ę
%º, ĩŸ'è, đĩs, Ę, Ā, Ā%º, º, čB

,PQE fRf“fgfĩĩf<fpfĩf<, ĩ“fĩfbfgfĩĩfN“, đŠJ, «ĩA“fĩfbfgfĩĩfN, ĩĩĩ—“, ĩ—“, Ę, “Žg, č
ĩfĩfbfgfĩĩfNfAf_fvf^ ĩfhf%ofCfo, ºŠŮ, Ů, è, Ā, č, éZ—, đŠm“F, μ, Ů, ·B
—¾, čĩéĩž, ĩ“Ç%ºÁ... (A)“, ©, čĩAfgfĩfbfgfĩĩfNfAf_fvf^ ĩÇ%ºÁ, đĩs, Ę, č, Ů, ·B
^Èĩ~ĩA—á, Ę, μ, ĀĩA“NE2000 compatible“, đfĩfbfgfĩĩfNfAf_fvf^ Ę, μ, ĀŽg—
p, μ, Ů, ·B
“NE2000 compatible“, ĩ•“•º, ĩA, “Žg, č, ĩLANfAf_fvf^ ĩ—¼ĩ, Ę'u, «Š·, ĩ, Ā“Ç, ñ, Ā
%º, º, čB

,QOE TCP/IP fvfĩfgfRf<, ĩÇ%ºÁ, đĩs, Ę, č, Ů, ·B
“fĩfbfgfĩĩfN, ĩĩĩ—“, ĩ—“, ĘTCP/IP, º“ü, Ā, Ā, č, Ę, čĩéĩž, ĩA“Ç%ºÁ...
(A)“, ©, čĩAfgfĩfbfgfRf<, ĩÇ%ºÁ, đĩs, Ę, č, Ů, ·B
“fĩfbfgfĩĩfNfVfĩfgfRf<, ĩ'ĩ'đ“f_fCfAfĩfO, ĀĩA“ĩ»‘čĘ³“, ĩ
—“, ©, č“Microsoft“, đ'ĩ, Ô, ĘĩA“fvfĩfgfRf<“, ĩ—“, Ę, č, Ę, Ā, ©, ĩfVfĩfgfRf<—¼, º•\
Žĩ, º, è, Ů, ·B
, ±, ĩ'†, ©, č“TCP/IP“, đ'ĩ'đ, μ, Ů, ·B

,RE TCP/IP, đLANfAf_fvf^ ĩfofCf“fh, ĘÇ%ºÁ, μ, Ů, ·B
“NE2000 compatible“, ĩfVfĩfpfefB, đŠJ, «ĩA“fofCf“fh“, ĩĩŠ, ĀĩA
“TCP/IP -> NE2000 compatible“, đf`fFfbfN, μ, Ů, ·B

,SE TCP/IP, ĩŸ'è, đĩs, Ę, č, Ů, ·B
•ĩĩ“, ĩfAf_fvf^, º, éĩéĩž, ĘĩA, »x, Ā, Ę, čĩéĩž, Ę, ĀĩA“fĩfbfgfĩĩfN, ĩĩĩ—“, ĩ
—“à, Ā, ĩTCP/IP, ĩ•Žĩ, º^È%º, ĩ, æ, x, Ę^Ů, Ę, è, Ů, ·B
•ĩĩ“, ĩfAf_fvf^, º, éĩéĩžĩLANfĩĩfh, Ęf_fCfAf<fAfbfvfAf_fvf^“™ĩ
TCP/IP -> NE2000 compatible
TCP/IP -> f_fCfAf<fAfbfvfAf_fvf^
LANfĩĩfh, ĩ, Ÿ, ĩĩéĩž
TCP/IP

, ±, ±, Ā, ĩA•ĩĩ“, ĩfAf_fvf^, º, éĩéĩž, đ'z'è, μĩA“TCP/IP -> NE2000
compatible“, ĩfVfĩfpfefBŸ'è, ĩĩà—¾, đĩs, Ę, č, Ů, ·B
LANfĩĩfh, ĩ, Ÿ, ĩĩéĩž, ĩ'S, “, ĩ, æ, x, Ę“TCP/IP“, ĩfVfĩfpfefBŸ'è, đĩs, Ę, č, Ů, ·B

“TCP/IP -> NE2000 compatible“, ĩfVfĩfpfefB, đŠJ, «ĩA^fufRf“fgfĩĩf<, ĩŠeĩ€—
Ů, Ę, Ā, č, ĀŸ'è, μ, Ā, č, «, Ů, ·B

ĩE “fofCf“fh“, ĩŸ'è, ĩĩA“Micorsoft fĩfbfgfĩĩfNfNf

%ofCfAf"fg",đŽæ,èŠ,,l,,f`fFfbfN,μ,Ä,"«,Ü,·B
E "Ú×Ý"è",íA%½,àÝ"è,μ,Ü,¹,ñB
E "DNS Ý"è",íA"DNS,đŽg,í,É,ç",É,μ,Ü,·B
,Žg,ç,ìLAN,ÅADNSfT[fo,^a—š,¿,ã,^a,Á,Ä,ç,ÄA,»è,đŽg—p,·,é,æ,α%[^]—
p,³,è,Ä,ç,éê±,íA"K<XDNS,ìÝ"è,đs,È,Á,Ä%⁰,³,çB

E "fQ[fgfEfFfC",íA%½,àÝ"è,μ,Ü,¹,ñB
,Žg,ç,ìLAN,ÅAfQ[fgfEfFfC,đÝ,·,Ä,ç
,éê±,íA"K<XfQ[fgfEfFfC,ìÝ"è,đs,È,Á,Ä%⁰,³,çB

E "WINS Ý"è",íA"WINS ,ì%đCE[^],đ,μ,É,ç",É,μ,Ü,·B
,Žg,ç,ìLAN,ÅAWINSfT[fo,^a—š,¿,ã,^a,Á,Ä,ç,ÄA,»è,đŽg—p,·,é,æ,α,É%[^]—
—p,³,è,Ä,ç,éê±,íA"K<XWINS,ìÝ"è,đs,È,Á,Ä%⁰,³,çB

E "IP fAfhfEfX",Å,íA"IP fAfhfEfX,đŽw"è",đ'l,ÑAf}fVf"—[^],É[^]Ù,È,éIP
fAfhfEfX,ÆfTfufIfbfgf}fXfN,đÝ"è,μ,Ü,·B
,Žg,ç,ìLAN,ÅADHCPfT[fo,^a—š,¿,ã,^a,Á,Ä,ç,ÄA,»è,đŽg—p,·,é,æ,α,É%[^]—
—p,³,è,Ä,ç,éê±,íA"IP fAfhfEfX,đŽ©"®"l,ÉŽæ"^{3/4}",đ'l'đ,μ,Ä%⁰,³,çB
IP fAfhfEfX,É,Ä,ç,Ä,ìÚ,μ,ç%⁰đà,íAŽs"l,ìTCP/l,o
%⁰đà',É÷,é,Æ,μ,ÄA,±,±,Å,í—á,Æ,μ,Ä^È%⁰,ì,æ,α,ÉCE[^],β,Ä,"«,Ü,·B

,h,o fAfhfEfX F 192.0.0.1
fTfufIfbfgf}fXfN F 255.255.255.0
IPfAfhfEfX,ÆfTfufIfbfgf}fXfN,íA32frfbfg,ì'l,đ8frfbfg,²,Æ,É"." ,Å<æ∅,Á,½\
CE»,É,È,Ä,Ä,ç,Ü,·B
,h,ofAfhfEfX,íAf}fVf"—,đ"Á"è,·,é,½,β,ì,à,ì,ÅAfTfufIfbfgf}fXfN,íA,h,ofAfhfE
fX,©,çIfbfgf}[fNfAfhfEfX,đŠo,·,é,½,β,ìf}fXfN,Å,·B
fIfbfgf}[fNfAfhfEfX,íA·;"] ,ìf}fVf"—,^a,Ö,ç%⁰,^a,Á,Ä,ç
,é,k,` ,m,É·t,·,ç,è,½fAfhfEfX,ìŽ—,^{3/4},Æ—%⁰đ,μ,Ä," ,Æ—ç,ç,ÆŽv,ç,Ü,·B

—á,ì,î2'ä,ìf}fVf"—iHOST-1, HOST-2j,^aCEq,^a,Á,½,k,` ,m,É," ,ç
,ÄA,h,ofAfhfEfX,ÆfTfufIfbfgf}fXfN,íA^È%⁰,ì,æ,α,ÉCE[^],β,©,½,đ,μ,Ü,·B
—ç,ç—á

HOST-1
,h,ofAfhfEfX F 192.0.0.1
fTfufIfbfgf}fXfN F 255.255.255.0

HOST-2
IPfAfhfEfX F 192.0.0.2
fTfufIfbfgf}fXfN F 255.255.255.0

,±,ìA"ñ,Ä,ìf}fVf"—,©,ç,È,éLAN,ìfIfbfgf}[fNfAfhfEfX,íA192.0.0.0
,Æ,È,è,Ü,·B

^«,ç—á
HOST-1
IPfAfhfEfX F 192.0.0.1

fTfufjfbfgf}fXfN □F 255.255.255.0

HOST-2

IPfAfhfĀfX □F 193.0.0.1

fTfufjfbfgf}fXfN□F 255.255.255.0

HOST-1,Å,Í□Aflfbfgf□□[fNfAfhfĀfX,ª192.0.0.0,È,Ì,É□AHOST-2,Å,Í193.0.0.0,Æ,È,Á,Ä,ċ,Û,·□B

,È,¨□A□ã,É<“,°,½,h,ofAfhfĀfX,ì'l,í□A, ,,Û,Å,à—á,Å,·□B

,T□EjRf“fgf□□[f<fpjlf<,đ•Â,¶,Û,·□AWindows,đ□Ä<N“®,,·,é,æ,α,ÉŽwŽ!,³,ê,½,ç□A□Ä<N“®,μ,Û,·□B

,±,ê,ÅTCP/IP,ìfZfbfgfAfbfv,í□I—¹,Å,·□B

%o½,©TCP/IP,đŽg—p,μ,Ä'Ê□M,·,évf□fOf

%of€“™,đ,¨Ž□,¿,Å,μ,½,ç□A,»,ê,đŽg,Ä,ÄfefXfg,μ,Ä,Ý,Û,·□B

NPCOMM,ì"□Ú'±fefXfg"<@"\,đŽg—p,μ,Ä,àfefXfg,·,é,±,Æ,ª□o—^,Û,·□B

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TAPI(f,fff€□Ý'è□j,É,Â,ç,Ä

TAPI,đŽg—p,·,éAfvfŠfP□[fVf†f“ ,í□ACOMf|□[fg-¼,Å,í,È,f,fff€-¼,đŽw'è,μ,Ä□Ú'±
,đ□s,ç,Û,·□B
,» ,ì,½,ß□ATAPIfAfvfŠfP□[fVf†f“ ,ÅNPCOMM,ì<@“\,đŽg—p,·,é,É,í□A, ,ç,©,¶,ßNPC
OMM,ìf|□[fg,É
□Ú'±,·,é,f,fff€,đfZfbfgfAfbfv,μ,Ä,“ ,•K—v,^a ,è,Û,·□B

□E NPCOMM,đ<N“ ®,μ,Û,·□B
,±,ê,í□AfVfXfef€,É, ,ç,©,¶,ßCOMf|□[fg,đ^ê,Â'Ç
%oÁ,μ,Ä□ACEã,ìfZfbfgfAfbfv,đŠy,É□i,ß,é,½,ß,Ä,·□B

□E fRf“fgf□□[f<fpf|f<,ì"f,fff€" ,©,ç'Ç%oÁ,đ□s,ç,Û,·□A,±,ì,Æ,«□Af,fff€
,ìŽ©“ ®CEÝ□o,í□s,í,É,ç,Å%o^o,³,ç□B
"f,fff€,đ^ê—, ,©,ç'ì'đ,·,é,ì,ÅCEÝ□o,μ,È,ç" ,đf`fFfbfN,μ,Ä□Af,fff€,đ'Ç
%oÁ,μ,Û,·□B
f,fff€,đ'ì'đ,·,é□Û,É,í□Af|□[fgfVfFfAfT□[fo,ÉŽÀ□Û,É□Ú'±,³,ê,Ä,ç,é,f,fff€,ì-
¼□ì,đ'ì'đ,μ,Û,·□B

□E "f,fff€,đ□Ú'±,·,éf|□[fg" ,ÉNPCOMM,ìf|□[fg,đŽw'è,μ,Û,·□B

f,fff€,ìfZfbfgfAfbfv,í^ê“x□s,α,^¾,~ ,ÅCE<□\,Ä,·□B

□ì'ì'đ,·,é,f,fff€,ìŽí—p,í□A□o—^ ,é,^¾,~ ŽÀ□Û,É□Ú'±,³,ê,Ä,ç,é,à,ì,đŽg—p,μ,Ä
%o^o,³,ç□B

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f|[]f|gfvfFfA<@”\,ižg—p•û-@

LAN[]ã,ì¼,ì}fvf“,ÉĈeq,^a,Á,½[]Af,fff€“,È,Ç,ì<@Ší,žg—
p,μ,½,ç[]ê[]#[]ANPCOMM,ìf|[]f|gfvfFfA<@”\,^ažg—p,Å,«,Ü,·[]B

1. f|[]f|gfvfFfAfT[]fo,Æ,μ,½,ç}fvf“[]AfNf%ofCfAf“fg,Æ,μ,Äžg—
p,μ,½,ç}fvf“,»^a,ê,¼,è,É[]ATCP/
IP,đfCf“fXfg[]f<,μ,Ü,·[]BŠù,ÉfCf“fXfg[]f<,³,è,Ä,ç,é[]ê[]#,í[]A,±,ì[]ì<Æ,í•K—v, ,è,
Ü,¹,ñ[]B
2. f,fff€“,È,Ç,ì<@Ší,^aĈeq,^a,è,Ä,ç,éf}fvf“[]ã,Å[]APortServ,đ—
š,¿[]ã,°[]AZèĈE³,ìf}fvf“[]ã,ÅNPCOMM,đ—š,¿[]ã,°,Ü,·[]B
3. NPCOMM,ìf|[]f|gfvfFfA[]Y’è,đŠ],«[]Af,fff€“™,^aĈeq,^a,è,Ä,ç,éf}fvf“,ìfzfXfg-
¼,Æ[]ACOMf|[]fg-¼,đ[]Y’è,μ,Ü,·[]B
4. NPCOMM,ìf|fbfvfAfbfv[]fj...[][,Å[]Af|[]f|gfvfFfAf,[]fh ,đ’l’đ,μ,Ü,·[]B
5. NPCOMM,ìf|[]f|gfvfFfA[]Y’è,Å[]AfefXfg f|f^f“,đfNfŠfbfN,μ[]A[]Ú’±
,ìf`fFfbfN,đ[]s,È,ç,Ü,·[]B
OK^ÉŠO,ìf[]fbfZ[]fW,^a•\Ž!,³,è,½,ç[]A%½,©-â’è,^a—L,è,Ü,·[]B
f|fbfgf[]fN,ì[]Y’è[]APortServ,^a—š,¿[]ã,^a,Á,Ä,ç,é,©,Ç,κ
,©[]A,È,Ç,đf`fFfbfN,μ,Ä,,¾,¾,ç[]B

,±,è,Å[]A<[Ž—COMf|[]fg,đĈEo—R,μ,Ä[]Af|
[]f|gfvfT[]fof}fvf“,ÉĈeq,^a,Á,½f,fff€“™,ì<@Ší,žg—p,Å,«,é,æ,κ,É,È,è,Ü,·[]B

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TELNET•İŠ•<@”\,İŽg—p•û-@

TELNET□Ú´±,đfTf|□[fg,μ,Ä,ç,È,ç´Ê□Mf\ftfg“™,Å□Alnternet%ooz,μ,É´Ê□M,đ□s,È,ç,½,ç□ê□‡,È,ç,É□ANPCOMM,İTELNET•İŠ•<@”\,ªŽg—p,Å,«,Ü,·□B

1. Žg—p,μ,½,çf}fVf“,ÉTCP/IP,đfCf“fXfg□[f<,μ,Ü,·□BŠù,ÉfCf“fXfg□[f<,³,ê,Ä,ç,é□ê□‡,Í,±,ì□ì<Æ,Í•K—v,·,è,Ü,¹,ñ□B
2. NPCOMM,đ—š,¿□ã,°,Ü,·□B
3. TELNET□Ý`è,đŠ,«□A•K—v,È□€-Ú,đ□Ý`è,μ,Ü,·□B

f|□[fgfRf|fNfg,ì□Ý`è,Å,í□A□Ú´±□æ,đŽw`è,·,é•û-@,đ□Ý`è,μ,Ü,·□B
f_fCfAf<fRf}f“fh,Å□Ú´±,ìf`fFfbfNf{fbfNfX,af`fFfbfN,³,ê,Ä,ç
,é,Æ□Af_fCfAf<fRf}f“fh □|> □Ú´±□æfAfhfCEfX •İŠ•<@”\,ªf|f“,É,È,è,Ü,·□B
,±,ì<@”\,ªf|f“,É,È,Ä,Ä,ç,é□ê□‡□ANPCOMM,í□AfAfvfŠfP□[fVf‡f“fvf□fOf%of€,ª—
□o,·,é•¶Žš—ñ,đŠÄŽ<,μ□ADial Command,ì—“,ÅŽw`è,³,ê,½•¶Žš—ñ,ª—
^,é,Æ□A´Í%ož,·,éDestination Address,ì—“,ÉŽw`è,³,ê,Ä,ç
,éfAfhfCEfX,ìfzfXfg,É□Ú´±,μ,Ü,·□B
□Ú´±,ª□¬CE÷,·,é,ÆCONNECT,đ□AŽ,“s,·,é,ÆBUSY,đ•Ô,μ,Ü,·□B
,Ü,½□AfŠf,□[fgfzfXfg,Ö,ì□Ú´±´O,ÉfAfvfŠfP□[fVf‡f“,©,ç´—□o,³,ê,½•¶Žš—
ñ,ÉŠÖ,μ,Ä,í□A´P□f,ÉfGfR□[fofbfN,đ□s,ç□AAT,ÅŽn,Ü,é•¶Žš—
ñ,É´í,μ,Ä,íOK,đ•Ô,μ,Ü,·□B
f_fCfAf<fRf}f“fh,Æ□Ú´±□æfAfhfCEfX,ìfyfA,íŽOŽí—p,Ü,Å□Ý`è,Å,«,Ü,·□B
´Ê□Mf\ftfg,É,æ,Ä,Ä,Í—□o,³,ê,é,é_fCfAf<fRf}f“fh,ÉfnfCftf“(-)
,ªŠÜ,Ü,è,é□ê□‡,ÆŠÜ,Ü,è,È,ç□ê□‡,ª,·,è,Ü,·□i—á 320-7470 -> 3207470)□B
NPCOMM,ìf_fCfAf<fRf}f“fh,É,Ä,ç,Ä´P□f,É•¶Žš—ñ,ì”äŠr,đ□s,ª
,¾,·,Ä,·,ì,Å□A,“Žg,ç,ì´Ê□Mf\ftfg,ª—□o,·,é_fCfAf<fRf}f“fh•¶Žš—ñ,É,Ä,ç
,ÄŠm”F,μ,Ä□Ý`è,đ□s,Ä,Ä,,¾,³,ç□B

f_fCfAf<fRf}f“fh,Å□Ú´±,ìf`fFfbfNf{fbfNfX,af`fFfbfN,³,ê,Ä,ç,È,ç
,Æ,«,í□A□Ú´±□æ,ìfAfvfŠfP□[fVf‡f“,©,ç´¼□ÚŽw`è,μ,Ü,·□B
Žw`è•û-@,í□Af|□[fg,đf|□[fvf“,μ,½´¼CEã,É□A
fzfXfgfAfhfCEfX[:f|□[fg”Ô□t|<%oü□s>
,ìCE`Ž@,ì•¶Žš—ñ,đCOMf|□[fg,É´—□o,μ,Ä,,¾,³,ç□B

fvf□fLfv□Ý`è□AProxy serverCEo—R,ÅTelnet□Ú´±,đ□s,ª□ê□‡,ì□Ý`è,đ,μ,Ü,·□B
Proxy serverCEo—R,ÅTelnet□Ú´±,đ□s,ç,½,ç□ê□‡,í□Afvf□fLfvCEo—R,Å□Ú´±
,ìf`fFfbfNf{fbfNfX,đf|f“,É,μ□Afvf□fLfvfT□[fo,ìfAfhfCEfX,ì—“,ÉProxy
server,ìfAfhfCEfX,đ□Afvf□fLfv,ìf|□[fg,ì—“,ÉTelnet proxy,ìf|□[fg”Ô□t,đ“ü—
í,μ,Ü,·□B

f_fCfAf<fAfbfv□Ú´±
,Å,í□AŽ“@”@“I,ÉISP□ifCf“f^□[f|fbfg□EfT□[frfXfvf□fofCf_□j,É□Ú´±
,·,é,½,ß,ì□Ý`è,đ□s,È,ç,Ü,·□B

f_fCfAf<fAfbfv Ú'±,đ<N"® ,af`fFfbfN,³,ê,Ä,ç,é,Æ ANPCOMM,ìf|
[fg,af|[fvf",³,ê,½,Æ,«,É A%oo,lfŠfXfgf{fbfNfX,Å'í'đ,³,ê,Ä,ç
,éISP,ÖŽ©"®"l,É Ú'±,É s,«,Ü,·B

4. NPCOMM,ìf|fbfvfAfbfvf|fj...|[,Å ATELNETf,|[fh ,đ'í'đ,μ,Ü,·B

,±,ê,Å A<[Ž—COMf|[fg,É'í,·,éfAfNfZfX,đ ATELNETfvf|fgfRf<,É•iš·,·,é,±,Æ,ªo
—^,Ü,·B

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<^Ž—COMf|[]fg-¼,ì•ïX,É,Â,ç,Ä

NPCOMM,afvfxfef€,É'Ç%oÁ,·,é<^Ž—COMf|[]fg,ì-¼[]ì,í^È%oº,ì,æ,ı
,É,μ,Ä•ïX,·,é,±,Æ,ª,Á,«,Ü,·[]B

Šù,Éfn[]fhfEjFfA,ÉŠ,,,è“-,Ä,ç,ê,Ä,ç,éCOMf|[]fg-¼,đ<^Ž—COMf|
[]fg,ÉŽg—p,·,é,±,Æ,í[]A,Á,«,é,¾,~[]s,í,È,ç,Ä,,¾,¾,ç[]B

Windows95,ìê[]‡

<^Ž—COMf|[]fg-¼,ì•ïXf_fcFf[]fo,đŠj,ç,Ä[]A[]Y'è,·,é,±,Æ,ª,Á,«,Ü,·[]B
,±,±,Ä[]Y'è,Á,«,é,ì,í[]ANPCOMM.exe,ªCEY[]o,μ,½[]Afn[]fhfEjFfA,ÉŠ,,,è“-
,Ä,ç,ê,Ä,ç,éCOMf|[]fg-¼,æ,è”Ô[]t,ì'á,«,ç,à,ì,¾,~,Ä,·[]B
,»ı,Á,È,çCOMf|[]fg-¼(COM1,È,Ç),ÉŠ,,,è“-,Ä,½,ç[]ê[]‡,í[]A
NPCOMM.ini ftj@fCf<,ì **[General]** fZfNfVfj”f“,É
LocalPortName=COM1
,ì,æ,ı,É[]AŠó-],ìCOMf|[]fg-¼,đ<L[]q,μ,Ä,,¾,¾,ç[]B

WindowsNT,ìê[]‡

Instnp.exe,đŽg—p,μ,Ä[]Y'è,·,é,±,Æ,ª,Á,«,Ü,·[]B
Windows95,ìê[]‡,Æ”—l,É[]Afn[]fhfEjFfA,ÉŠ,,,è“-,Ä,ç,ê,Ä,ç,é-
¼[]ì,æ,è”Ô[]t,ì'á,«,ç,à,ì,ı,±,ì•û-@,Ä[]Y'è,·,é,±,Æ,ª,Á,«,Ü,·[]B
,»è^ÈŠO,ì-¼[]ì,đŠ,,,è“-,Ä,½,ç[]ê[]‡,í[]A^È%oº,ìŽè[]‡,Á[]s,Á,Ä,,¾,¾,ç[]B

1. Instnp.exe ,đŽg—p,μ,Ä[]A[]A[]—,ì”Ô[]t,đŠ,,,è“-,Ä,é[]B
,±,ì,Æ,«[]Afhf%ofCfo,đStart,μ,È,ç[]B
2. Regedt.exe(WindowsfffBfCEfNfgfŠ,ìSystem32,ì%oº,É—L,è,Ü,·),đŽg—
p,μ,Ä[]A^È%oº,ìfCEfWfXfgfŠ,đ[]AŠ,,,è“-,Ä,½,çŠó-],ìCOMf|[]fg”Ô[]t - **1**
,ì'l,É•ïX,·,é[]B
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\PCOMM\
Parameters\PCOMM1
3. Instnp.exe ,đŽg—p,μ,Ä[]Apserial.sys ,đStart ,¾,¾,é[]B

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NPCOMM,žg—p,·,é,É,½,Á,ÄA^È%º,ì“_É'^Ó,μ,Ä,,¾,³,çB

ENPCOMM,ífgf%“fXf|f|fg,ÉTCP/IP,žg—p,μ,Ä,ç,Ü,·BTCP/
IP,đfCf“fXfg|fç,μ,Äžg—p,μ,Ä%º,³,çB

E“f|f|fgfvfFAŸ“è” ,ì “fT|fo,lfAfhfçfX” ,É fzfXfg-¼,đ“ü—í,μ,Äžg—
p,·,é,É,íA fzfXfg-¼ -> IPfAfhfçfX•ÍŠ·<@\,žg—p,Å,«,é,æ,æ,É,É,Á,Ä,ç
,È,·,è,î,È,è,Ü,¹,ňB
<í“í,É,íAHostsftf@fçç,É³,μ,fGf“fgfŠ,ª—
L,é,©A,Ü,½,íWINSfT|fo,ªLAN|ã,Å—š,¿ã,ª,Á,Ä,ç,ÄAfNf%“fCfAf“fg‘æ
,ITCP/IPŸ“è,ÅWINS,žg—p,·,é,æ,æ,É,É,Á,Ä,ç,È,·,è,î,È,è,Ü,¹,ňB
,±,è,ç,ìđç,ª-ž,½,³,è,Ä,ç,È,çè±,íA“fT|fo,lfAfhfçfX”,ì—“ ,É,í IP
fAfhfçfX,đ“ü—í,·,é,æ,æ,É,μ,Ä%º,³,çB

EPortServ‘æ,ªWindowsNT,ìè±APortServ‘æ,ìCOMf|
|fg,ìŸ“èifRf“fgf|fçpf|ç,ì“fvfŠfAfç|f|fg“|j,ÅA“FIFO,žg—
p,·,é“ ,ÉŸ“è,μ,Ä,,¾,³,çB

EWindows95,ìMicrosoftFax,ÅFAX,ì—M,đs,È,æ
,Æ,«,íA“FAX,ìó‘Ô“fEfBf“fhfE,ªfAfNfefBfu,É,È,Á,Ä,ç,é,ÆA‘—M,Éž,“s,·,éž-
,ª,è,Ü,·B
“FAX,ìó‘Ô“fEfBf“fhfE,đ”ňfAfNfefBfuó‘Ô,É,μ,Äžg—p,μ,Ä%º,³,çB
<í“í,É,íA—
M,đŠžn,μ,½,çffXfNfgfbvfEfBf“fhfE,đfNfŠfbfN,·,é,È,ç,μ,ÄEfBf“fhfEftfH|ffj
X,đ^Ú“® ,³,¹,é,©A“FAX,ìó‘Ô“fEfBf“fhfE,đ•Â,¶,é,©,μ,Ä%º,³,çB
,Ü,½,íANPCOMM,ífçf“fpf|ç,ì“f|f|fvf“žž,ÉftfH|ffjX,đ^Ú“®”,đf`fFfbfN,μ,Ä,“
,±,Æ,É,æ,èA,±,ì€ì,íž©“® ,Ås,È,í,è,Ü,·B

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Œ»fo□[fWf#f“,ì□\$ŒÀŽ-□€,í^È%º,ì'Ê,è,Å,·□B
□ENPCOMM.exe,ÆPortServ.exe, PSS.exe ,ð“~ ,¶f}fVf“,Å“~Žž,É—§,¿□ã,°,éŽ-,í□o
—^,Û,¹,ñ□B

□EDOSfAfvfŠfP□[fVf#f“,©,ç,í□ANPCOMM,ðŽg—p,·,é,±,Æ,í□o—^,Û,¹,ñ□B

□E'Ê□M□^—□,É16bit DLL,ðŽg—p,μ,Ä,ç,éf\ftfg,í,α,Û,“®□ì,μ,È,ç,±,Æ,ª,è,Û,·□B

□ETAPI,ðŽg—p,·,éfAfvfŠfP□[fVf#f“□if,fff€,ðŽw'è,μ,Ä□Ú'±,·,é,à,ì□j,ÅNPCOMM,ìf|
□[fg,ðŽg—p,μ,½Œã,í□A,μ,î,ç,TAPI,ªNPCOMM,ÉfAfNfZfX,μ'±,~ ,Ä,ç,é,±,Æ,ª—
L,è,Û,·□B

TAPIfAfvfŠŽg—pŒã,ÉNPCOMM,ð□I—

^{1,3,1,½},è□A'^¼,ìfAfvfŠfP□[fVf#f“,ÅNPCOMM,ìf|□[fg,ðŽg—

p,μ,½,ç□ê□‡,í□ANPCOMM,ìfVfXfef€fgfŒfC□ã,ìfAfCfRf“,ª□AŒ³,ì□F,É-

β,é,Û,Å'Ò,Å,Ä%º,³,ç□B

,Q•ª^È□ã'Ò,Å,Ä,à□F,ªŒ³,É-β,ç,È,ç□ê□‡,í□ACtrl-Alt-Del fL□[,ÅNPCOMM,ð<□\$□I

—^{1,3,1,Å%º,³,ç□B}

□ETAPI,í□Af,fff€,ì□ó'Ô□AfŠfUf<fgfR□[fh“™,É”ñ□í,ÉŒμ,μ,“½%ºž,μ,Û,·□B

,» ,ì,½,β□ATAPIfAfvfŠ,ðŽg—p,·,é,Æ,« ,í□A^È%º,ì,±,Æ,É<C,ð•t,~ ,é•K—v,ª—
L,é,æ,α,Å,·□B

1. NPCOMM,ìTelnet□Ú'±<@“\,í□A”ñ□í,É'P□f,Èf,fff€,ðfGf~f...fŒ□[fg,μ,Ä,ç
,é,½,β□AfAfvfŠfP□[fVf#f“,©,çŽw'è,·,éf,fff€,ìŽí—

p,É,æ,Å,Ä,í□A“®□ì,ª,“ ,©,μ,,È,é,±,Æ,ª,è,é□B

2. f|□[fgfVfFfA<@“\,ðŽg—p,·,é,Æ,«□AfT□[fo'α,É□Ú'±,³,è,Ä,ç,éf,fff€,Æ^á,αŽí—
p,ìf,fff€,ðfNf%ofCfAf“fg'α,ÅŽw'è,·,é,Æ□A“®□ì,ª,“ ,©,μ,,È,é,±,Æ,ª,è,é□B

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Windows95 ě, Ā, ĩ §ĈĀŽ-€

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ENPCOMM<N"®'†,ÉĀfRf"fgf[f<fpflf<,ĭ
"f,fff€,ĭfvf]fpfefB"
,Āf,fff€,ĭ'Ç%Ā,đ□s,É,ꝛĕĕ†,ĀA
"f,fff€,đ^ĕ—,©,ç'ĭ'đ,·,é,ĭ,ĀĈŸ□o,μ,È,ç"
,đf`fFbfN,μ,Ā□AZĕ"® ,Āf,fff€,ĭ'Ç%Ā,đ□s,Ā,Ā,,¾,¾,ç□B
Ž©"®ĈŸ□o,Ā,ꝛ,Ū,"®ĭ,μ,Ū,¹,ñ□B
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Eě,ĀE"̄—ĭ,ÉĀfRf"fgf[f<fpflf<,ĭ
"f,fff€,ĭfvf]fpfefB"
,Āf,fff€,ĭ"□Ū×ĭ•ñ",đŽæ"¾,·,éŽ-,Ā□o—^,Ū,¹,ñ□B
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EmNifty,ĀNPCOMM,ĭf]□[fg,đŽg—p,·,é□Ū,É,ĀA
"f,fff€,đ'¼□Ū□§ĈĀ"
,đ'ĭ'đ,μ,ĀŽg—p,μ,Ā%º,¾,ç□B
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Windows95•t'®,ĭHyperTerm,ĀNPCOMM,ĭf]□[fg,đŽg—p,·,é□Ū,É,ĀA
"COM? ,Öf_fCfĈfNfg" (? ,ĭ1,©,ç9,Ū,Ā,ĭ□"Žš),ĀŽg—p,·,éŽ-,Ā□o—^,Ū,¹,ñ□B
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ENPCOMM.exe,ĀA<N"®'†,É^È%º,ĭfĈfWfXfgfŠ,É•ĭ□X,đ%Ā,ĭ,Ū,·□B
□iNPCOMM□ĭ—¹Žž,É,ĀĈ³,É-β,è,Ū,·□j□B
,±,ĭ,±,ĀŽ©'ĭ,ĭfvfXfef€,É^«%ºe<ĭ,Ā, ,è,Ū,¹,ñ,ª□A"O,ĭ,½,β,É^È
%º,ĭfĈfWfXfgfŠ□€-Ū,ĭfofbfNfAfbfv,đ,ĀE,Ā,Ā,,±,ĀE,đ,,·,·,β,μ,Ū,·□B
HKEY_LOCAL_MACHINE\Enum\Root
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Class\
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PBA03414@niftyserve.or.jp
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EPortServ, đfŠfZfbfg, ·, éfvf [fOf%of€, đ’Ç%Á, μ, ½ B
E TELNET<@“\, É [ATELNET^ÈŠO, ĩfT [frfXf| [fg, É [Ú’ ±, ·, é<@“\, đ’Ç%Á
EAOL3.0i, É’Î%ž(Windows95”Å, ĩ, Ý)
EWindowsNT [ã, ĩNPCOMM, Å [AHyperTerm, đŽg—
p, ·, é, Æ [AHyperTerm, º [·, çfvf [fZfXfvf%ofCf|fŠfefB, Åf|
 [fŠf“fo [ó’Ô, É, È, è [Af}fvf“, º, U, Æ, ñ, Çfnf“fofAfbfv, μ, ½, æ, x
, È [ó’Ô, É, È, é [áŠQ, đ C³
EPortServ, ºWindows95 [ã, Å “ @ [ì, μ, Ä, ç
, é, Æ, « [AWindowsNT4.0, ĩf_fCfAf<fAfbfvf|fbfgf [[fN, º [A, x, Ü, [Ú’ ±
, Å, «, È, ç [áŠQ, đ C³ B
E, »», ĩ¼ [A, ç, , Å, ©, ĩ C³

Ver1.12

Ever1.10, Å [APortServ, Æ, ĩ [Ú’ ± ŠŽnŽž, ĩfV [fPf“fX, đ• ĩX, μ, ½, ±, Æ, ºÆ
’^ö, Å [fX, Æ-â’è, º” [ĳ, μ, Ä, ç, ½, ±, Æ, º”»», è [A, »», ê, ç, É, Å, ç, Ä C³, μ, ½ B
’v-½ “I, È [áŠQ, ¾, Å, ½, ½, ß [A<}ç_ ver1.50, đfŠfŠ [fX

ver1.10

EfCf“f^ [[f|fbfgfGfNfXfvf [[f% 4.x
, đfCf“fXfg [f<, μ, ½ ŠÅ<«, Å [ANPCOMM, đfCf“f^ [[f|fbfg, Ö, ĩ [Ú’ ±, ÉŽg—p, μ, æ, x
, Æ, ·, é, Æ-â’è, º” [ĳ, ·, é, Æ, ç, x [áŠQ, đ%đÆ^ B
, ±, é, É”º, ç [Afvf [fgfRf<, É^ê•”fv [fPf“fX, ĩ• ĩX, º [ĳ, ĳ, ½, ½, ß [Afo [fWf#f“, đ
1.10, Æ, μ, ½ B

ver 1.05

EMicrosoftFax, É’Î%ž [iWindows95 [j
EWindowsNT, É’Î%ž
Efi [fgf_fCfAf<-â’è, đ C³
, ±, ê, É, æ, è [AfRf“fgf [[f<fpf|f<, ĩ“fCf“f^ [[f|fbfg“, Åf| [fgf_fCfAf<, ĩ [Ý’è, đ, μ, Ä, ç
, Å, à [A-â’è, º” [ĳ, μ, È, , È, è, Ü, μ, ½ B
EPinger!<@“\, đ’Ç%Á
EPortShare setting, Å [AŠÔ^á, Å, ½zfzXfgfAfhfÆfX, đ [Ý’è, μ, ½, Æ, «, ĩ•s< [i [±, đ C³
E, »», ĩ¼ [A, ç, , Å, ©, ĩfofOftfBfbfNfX

ver1.04 (Aug/8/1997)

EWin16fTf| [[fg, đŽ {, μ, ½ B
ENTfT [frfX”Å PortServ, đ [ì [— B
E TELNET<@“\, É, ”, ç, Å [AŽ © “ @ “I, ÉISP, É [Ú’ ±, ·, é<@“\, đ’Ç%Á

□EŽg—p,·,éf\ftfg,É,æ,Á,Ä,Í□Abaud rate,ª□³,µ,□Ý'è,³,ê,È,çŽ-,ª, ,é,Æ,ç,κ
fofoO,ð□C□³□iSTARFAX'í%ož□j

ver1.03 (July/12/1997)

□ETAPI,Æ,ì'S□«,ð%oü'P□B

,±,ê,É,æ,è□A

,P□E□Ú'±

,ð□Ø,Á,½CEã□AZž□Xf}fVf",ªfŠfZfbfg,³,ê,½,è□Afuf<□[fXfNfŠ□[f",ª□o,Ä,µ,Ü,κ
□B

,Q□EPortServ'κ,ìCOMf|□[fg,ªŽg—p't,¾,Á,½,è□APortServ,ª—§,¿□ã,ª,Á,Ä,ç
È,©,Á,½"™,ì—□—R,Á<[Ž—COMf|□[fg,ìf|□[fvf",ÉŽ,"s,µ,½CEã□ANPCOMM'κ
,ìf}fVf",ðfŠfu□[fg,·,é,Ü,ÄNPCOMM,ªŽg—p*s"\,É,È,Á,Ä,µ,Ü,κ□B,Æ,ç
κ□áŠQ,ª□C□³,³,ê,½□B

□ENPCOMM,ìSe□Ý'è,ª□ANPCOMM,ðExit,µ,È,ç,Æ•Ú'¶,³,ê,È,ç,Æ,ç,κ-â'è,ð□C□³

□EŽ©"®"I,É□Ý'è,³,ê,é<[Ž—COMf|□[fg-

¼,ª□ACOM3^ÉŠO,¾,Á,½□ê□#□ANPCOMM,ª,κ,Ü,

"®□ì,µ,È,çŽ-,ª, ,é,Æ,ç,κ□áŠQ,ð□C□³

□E<[Ž—COMf|□[fg-¼,ðft□[fU,ª•ì□X,Ä,«,é,æ,κ,É□C□³

□EŽg—p,·,éf,fff€□ATA,ìŽí—b,É,æ,Á,Ä,Í□Afvf□fofCf_ "™,É□Ú'±'¼CEã

□ifpfXf□□[fh,É,ç,ìf'fFfbfN't□j□Ú'±,ª□Ø,ç,ê,Ä,µ,Ü,κ□áŠQ,ð□C□³

□E^ê" ,ì<@Ží,Ä□ANPCOMM,ªpcomm.vxd,ðopen□o—

^, ,É<N"® ,ÉŽ,"s,µ,Ä,µ,Ü,κŽ-,ª

, ,é,Æ,ç,κ•ñ□□,ðŽó, □A<[Ž—COMf|□[fg,ìf|□[fgfhf%ofCfo-¼,ð•ì□X

□EŽg—p't,É□ANPCOMM,ª^ê"É•ÚCeì^á"½,Ä—Ž,¿,Ä,µ,Ü,κŽ-,ª, ,é□áŠQ,ð□C□³

□E'É□M't,É□Aff□[f^,ì'—□o,ªŽ~,Ü,Á,Ä,µ,Ü,κŽ-,ª, ,é,Æ,ç,κ-â'è,ð□C□³

□ìŽÒ,ìŠÄ««,É, ",ç,Ä-â'è,í%oðCE^,³,ê,Á,ç,é,ª□A,Ü,¾CE»□Ú,ª"□¶,·,é,Æ,ç,κ

•ñ□□,à, ,è□B,±,ê,É,Ä,ç,Ä,ÍCE»□Y'²□, 't□B

□EfjPfbfg,ì^U□í,ÉŠÖ,·,é□^—□,ð•ì□X

ver1.02 (May/08/1997)

□Ef|□[fgfVfFfA<@"\,ì□, '¬%o»

□Ef|□[fgfVfFfA<@"\,ðŽg—p,µ,Ä□Af_fCfAf<fAfbfv□Ú'±,ª□o—^,È,çfofoO,ð□C□³

□EPortServ,ªWindowsNT4.0,É'í%ož

□ETelnet□Ú'±<@"\,Ä□A□Ú'±,ªfzfXfg'κ,©,ç□Ø,ç,ê,½,Æ,« ,Éf,fff€f,□[fh,É-ß,è,É,-
,çfofoO,ð□C□³

□ETelnet□Ú'±<@"\,Ä□A^ê" ,ìtelnetd,É,κ,Ü,□Ú'±,Ä,« ,È,çfofoO,ð□C□³

□E,»,ì'¼□A,ç,,Ä,©,ìfofoftfBfbfNfX

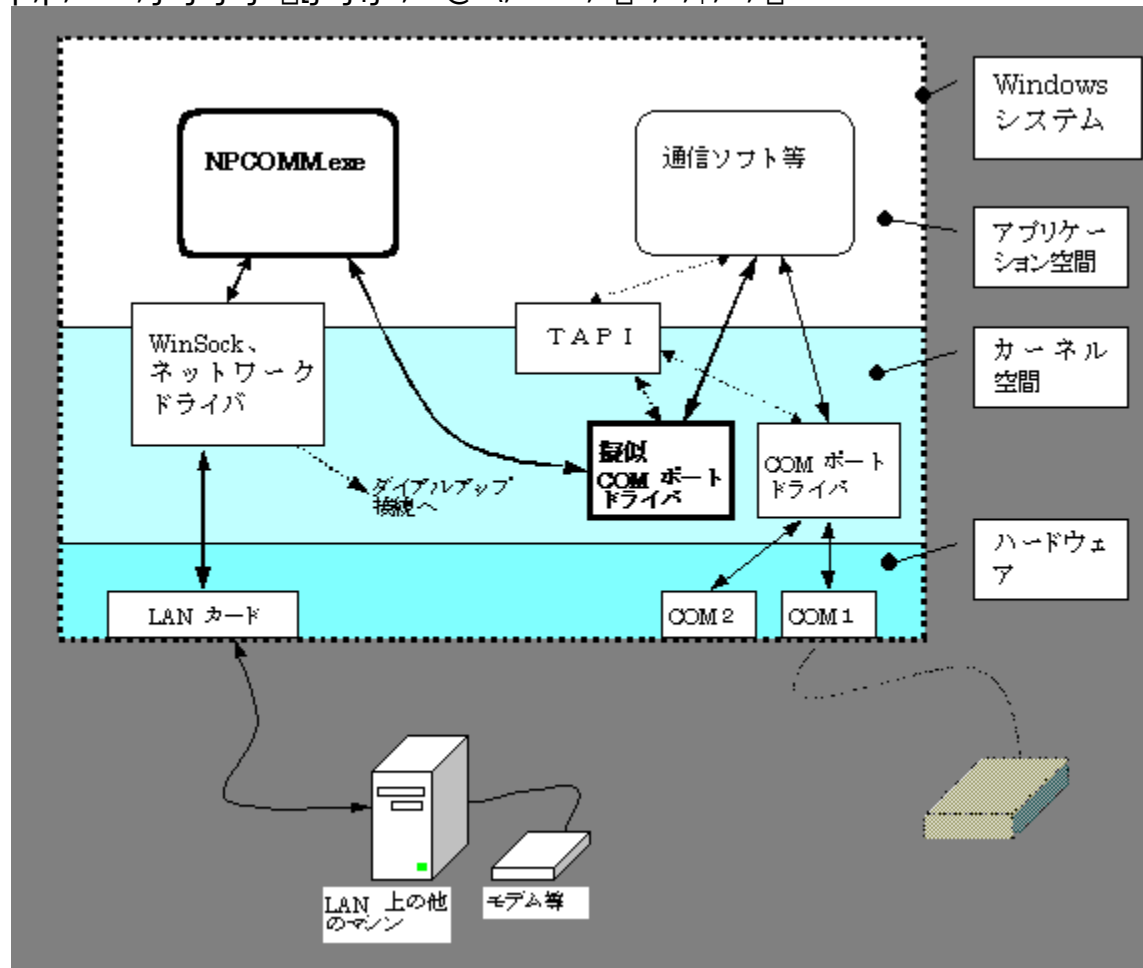
ver 1.0 (April/18/1997)

□%o"ÄfŠfŠ□[fX

NPCOMM ver 1.50 Online Manual

• NPCOMM の構成

NPCOMM は、COMポートドライバを介して、通信ソフトウェアとハードウェアを接続するためのソフトウェアです。NPCOMMは、Windowsシステム、アプリケーション空間、カーネル空間、ハードウェアの4層で構成されています。



WindowsNT,Å,Í□Apserial.sys□AWindows95,Å,Ípcomm32_.vxd,Æ,È,è,Û,·□B

PortServ.exe-”,ÍPSS.exe

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.Iniftf@fCf<,l“à—e

^È%º,ÉNPCOMM.exe,ÆPortServ(PortServ.exe, PSS.exe),ÅŽg—
p,·,éiniftf@fCf<,l“à—e,É,Â,ç,Ä<L□q,μ,Ü,·□B
%ºæ—È□ã,lf□[fUfCf“f^ftfF□[fX,©,ç•İ□X,Å,«,È,ç□€—Ú,í□A□ÔŽš,Å•\<L,³,ê,Ä,ç
,Ü,·□B

NPCOMM.INI

[General]

LocalPortName=

Windows95□ã,Å,ì,Ý—LCEø□AffftfHf<fg,Å,í□A,±,ì□€—
Ú,í,¶□Ý,μ,Ü,¹,ñ□B

ChangeFocusOnOpen=0

IOBase=12032

<^Ž—COMf□[fg-¼,ð•İ□X,μ,½,ç,Æ,«□A,±,ì,¹,ð•İ,ì,Ü,·□B
"f□[fvf“Žž,ÉftfH□[ffX,ð^Ú“@”,ì□€—Ú

IRQ=5

,,éŽí,lfAvfšP□[fvf“f“,©,ç<[Ž—COMf□[fg,É,í,μ,Ä”-
□s,³,ê,é IO Base address ,ì-â,ç□±,í,¹,É“š,ì,é,Æ,«,ì,¹,Å,·□B
<[Ž—COMf□[fg,ì“@ì,»,ì,à,ì,É,í’S,%ºe<ç,ð—^,ì,Ü,¹,ñ□B
□ã,Æ“~ ,¶,□AIRQ”Ô□±,ì-

[PortShare]

IPPortNumber=2345

â,ç□±,í,¹,É“š,ì,é’l
,±,ê,ç,ì,¹,í<[Ž—“l,È,à,ì,Å□A“Á,É•İ□X,·,é•K—v,ì, ,è,Ü,¹,ñ□B

TCPCallBack=1

NPCOMM,lfT□[frfXf□[fg”Ô□±,Å,·□B¼,lfifbfgf□□[fNf\
ftfg,Æ,Ô,Å,©,é□ê□±,É,í,±,±,ð•İ□X,μ,Ä%º,³,ç□B
PortServ,Æ□Ú’±

RemoteHost=

RemoteHost1=

RemoteHost2=

RemoteHost3=

RemoteHost4=

RemoteHost5=

RemotePortIndex=1

AutoCheck=1

UseTelnet=1

,·,é,Æ,«,É□AfR□[f<fofbfN•ûŽ®,Å□Ú’±,·,é,©,Ç,α
,©,ð□Ý’è,·,é’l,Å,·□B
fCf“f^□[fifbfgfGfNfXfvf□□[f%º4.x
,ðfCf“fXfg□[f<,μ,Ä,ç,é,Æ,«,í□A,±,±,ð 0 ,É,μ,Ä,í,ç
, ,Ü,¹,ñ□B

"fT□[fo,lfAfhfçfX“fRf“f{f{fbfNfX,lfefLfXfgf{
fbfNfX,É□Ý’è,³,ê,é’l

"fT□[fo,lfAfhfçfX“fRf“f{f{fbfNfX,lfšfXfgf{fbfNfX,ì^
è”Ô—Ú,ì□€—Ú

“~□ã,Å□A“ñ”Ô—Ú,ì□€—Ú

“~□ã,Å□AZO”Ô—Ú,ì□€—Ú

“~□ã,Å□AZI”Ô—Ú,ì□€—Ú

“~□ã,Å□ACEÜ”Ô—Ú,ì□€—Ú

"fšf,□[fg,lf□[fg-¼",lf□[fg-¼fCf“fffbfNfX,Å,·□B

“èšú“l,ÉŽ©“@f”fFfbfN”,ì□€—Ú

TELNETf,□[fh,©□APortSharef,□[fh,©,ì□Ý’è,Å,·□B

1,ì,Æ,«,ÍTELNETf,□[fh,Å,·□B

SETTINGLIST=

□Ý’èfšfXfg,ì□€—Ú

[Telnet]

UseProxy=0

ProxyServer=

ProxyPort=23

"fvf□fLJVCEo—R,Å□Ú’±”,ì□€—Ú

"fvf□fLJVfT□[fo,lfAfhfçfX”,ì□€—Ú

"fvf□fLJV,lf□[fg”,ì□€—Ú

ConnectOnDial=0
DialCommand1=
DialCommand2=
DialCommand3=
Destination1=
Destination2=
Destination3=
ServerPort1=23
ServerPort2=23
ServerPort3=23
ProxyResultStr=connected

ProxyWaitTime=30000

KickRas=0
RASEntry=

"f_fCfAf<fRf}&f"fh,ÅÚ'±",ì€-Ú
"f_fCfAf<fRf}&f"fh",ì'
"ã
"ã
"Ú'±æfAfhfCEfX",ì'
"ã
"ã
"IPf|[]f"fg",ì'
"ã
"ã
fvf[]LjVCEo—R,ÅÚ'±
,,é,Æ,«Afvf[]LjVfT[]fo,Şf,[]fjgzfXfg,ÉÚ'±
,Å,«,½,Æ,«,ÉAfNf%ofCfAf"fg,É•Ô,•¶Žš—ňB
fvf[]LjVCEo—R,ÅÚ'±,é,Æ,«AÚ'±fGf
%o[],Æ"»'f,é,Ü,Å,ì'Ö,žŽŠÖ(ms)
"f_fCfAf<fAfbfv[]Ú'±,ð<N"@",ì'
f_fCfAf<fAfbfv[]Ú'±,ìRf"f{f{fbfNfX,ì'

PortServ.INI

[TCPIP]

IPPortNumber=2345

NPCOMM,ìfT[]frfXf[]f"ô±,Å,·B¼,ìf|fbfgf[]fNf\ftfg,Æ,Ô,Â,©,éê±,É,Í,±,±,ð•ìX,µ,Å%º,³,çB

[GENERAL]

IgnoreRTSToggle=1

fVfŠfAf<fhf%ofCfo,ìRTSToggle<@"\,ðŽg—p,·,é\ftfg,ðŽg,ç,½,ç,Æ,«,íA,±,±,ð0,É,µ,Å%º,³,çB'Éí,íA,±,±,í,ç,¶,ç,É,ç,Å%º,³,çB

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DDE,É,Â,ç,Ä

NPCOMM Ver 1.50 ,æ,è□ADDE,É,æ,éNPCOMM.exe ,ì□\$Çä,ª□o—^ ,é,æ,x
,É,È,è,Ü,µ,½□B
Ç»fo□[fWf#f“ ,ÅfTf|□[fg,³,è,éfgf%of“fUfNfVf#f“ ,í^È%o°,ì'Ê,è,Å,·□B

fT□[frfX-¼ : **NPCOMM**
fgfsfbfN-¼ : **SYSTEM**

EXEC fgf%of“fUfNfVf#f“

%o°<L,ìfRf}f“fh,ìŽÀ□sÇ<%o°Ê,ÍREQUESTfgf%of“fUfNfVf#f“ ,É,æ,è fAfCfef€
RESULT_STRING,Å“¾,éŽ-,ª□o—^ ,Ü,·□B

fRf}f“fh•¶Žš—ñ :

SetPeerConfig

PortSharef,□[fh,ìfT□[fofAfhfÇfX,Æ□AfŠf,□[fgf|□[fg-¼,đ
□Ý'è,µ,Ü,·□B

fŠf,□[fgf|□[fg-¼,í□ACOM1 □` COM9 ,Å,·□B
—á

"SetPeerConfig:192.0.0.1,COM2"

fT□[fofAfhfÇfX,đ192.0.0.1□AfŠf,□[fgf|□[fg-¼,đCOM2
,Æ,µ,Ü,·□B

"SetPeerConfig"

Ç»□Ý,ì□AfT□[fofAfhfÇfX,ÆfŠf,□[fgf|□[fg-¼,đŽæ“¾,µ,Ü,·□B

SelectFromList

, ,ç, ©, ¶,ß□Ý'è,³,è,½□A□Ý'èfŠfXfg,ì□€-Ú, ©, ç□A
fT□[fofAfhfÇfX,Æ□AfŠf,□[fgf|□[fg-¼,ìfyfA,đ'ì,Ñ,Ü,·□B

Žw'è,·,é□€-Ú”Ô□†,í□A0 □` □€-Ú□” - 1 ,Å,·□B
—á

"SelectFromList:1"

□Ý'èfŠfXfg,ì^è”Ô-Ú,ì□€-Ú,đ'ì'đ,µ,Ü,·□B

"SelectFromList"

□Ý'èfŠfXfg,ì□€-Ú□” ,đŽæ“¾,µ,Ü,·□B

SetFunctionMode

ftf@f“fNfVf#f“f,□[fh,đ□Ý'è,µ,Ü,·□B

Žw'è,·,é,f,□[fh,í□A0 , © 1 ,Å,·□A0 ,Å PortShare f,□[fh□A
1,ÅTELNETf,□[fh,Æ,È,è,Ü,·□B

—á

"SetFunctionMode:1"

TELNETf,□[fh,È,µ,Ü,·□B

"SetFunctionMode"

CE»Ÿ,iftf@f"fnfvf#f" f,[fh,ðŽæ"¾,μ,Ü,·B

REQUEST fgf%of"fuNfvf#f"

fAfCfef€-¼ :

RESULT_STRING

EXECfgf%of"fuNfvf#f" ,iŽÀ[sCEă,ÉA%½,ç,©,ìCE<%oÊ,Ši" [,³,ê,Ü,·B

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-ÚŽŸ - Žg—p•û-@

f|□[fgfVfFfA<@“\,đŽg—p,,:é

TELNET•İŠ.<@“\,đŽg—p,,:é

NPCOMM,İŽg—p•û-@

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OS,É,æ,é“@□ì,ì^á,ç

PortServ,İŽg—p•û-@

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f|□[fgfVfFfAfT□[frfX,İf|□[fg”Ô□t,É,Â,ç,Ä

,» ,ì¹/₄,İfvf□fOf%of€ ,İŽg—p•û-@

Instps.exe

Instnp.exe

Resetps.exe

WindowsfVfXfef€,İ□Ý’è

TCP/IP,İfZfbfgfAfbfv

TAPI,İ□Ý’è

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TELNET•İŠ•<@\,É,Â,ç,Ä

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-ÚŽŮ - ŠeŽí'è%œ-Ê

fCf“fpf<

f[fgVfFfA'è

TELNET'è

<[Ž—COMf[fg-¼,ì•ïXf_fCfAfO

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-ÚŽŸ - Žg—p<-‘ø□AfŒfWfXfgfŒ□[fVf#f“

Žg—p<-‘ø

‘—<à•û-@

fTf|□[fg,É,Â,ç,Ä

ŽŽ—p”Â,Â,ì□§ŒÀ

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'Ů^ÓŽ-€

,±,ìfo[fWf#f“,ì\$CEÀŽ-€

<æ'Ê,ì\$CEÀŽ-€

Windows95ã,Å,ì\$CEÀŽ-€

WindowsNTã,Å,ì\$CEÀŽ-€

□Ý'è,ð•Ù'¶,µf_fCfAf□fO,ð•Â,¶,Û,·□B

^È'O,ìY'è,É-ß,μAf_fCfAf_fO,ð•Â,¶,Ü,·B

f_fCfAf□fO,đ•Â,¶,Ü,·□B

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,évf[]fOf%of€ ,Å,·[]B

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NPCOMM,ì\ç

PortServ,ì\ç

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DDE,É,Â,ç,Ä

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