

# Allied Data TECHNOLOGIES



**Bridge to Routed quick reference guide (NL)**

**CopperJet 16xx series**

**Based on firmware 6.02**

**February 2005**



## Bridge naar Routed

Voor het instellen van de copperjet als van bridge naar router dient u onderstaande stappen te doorlopen.

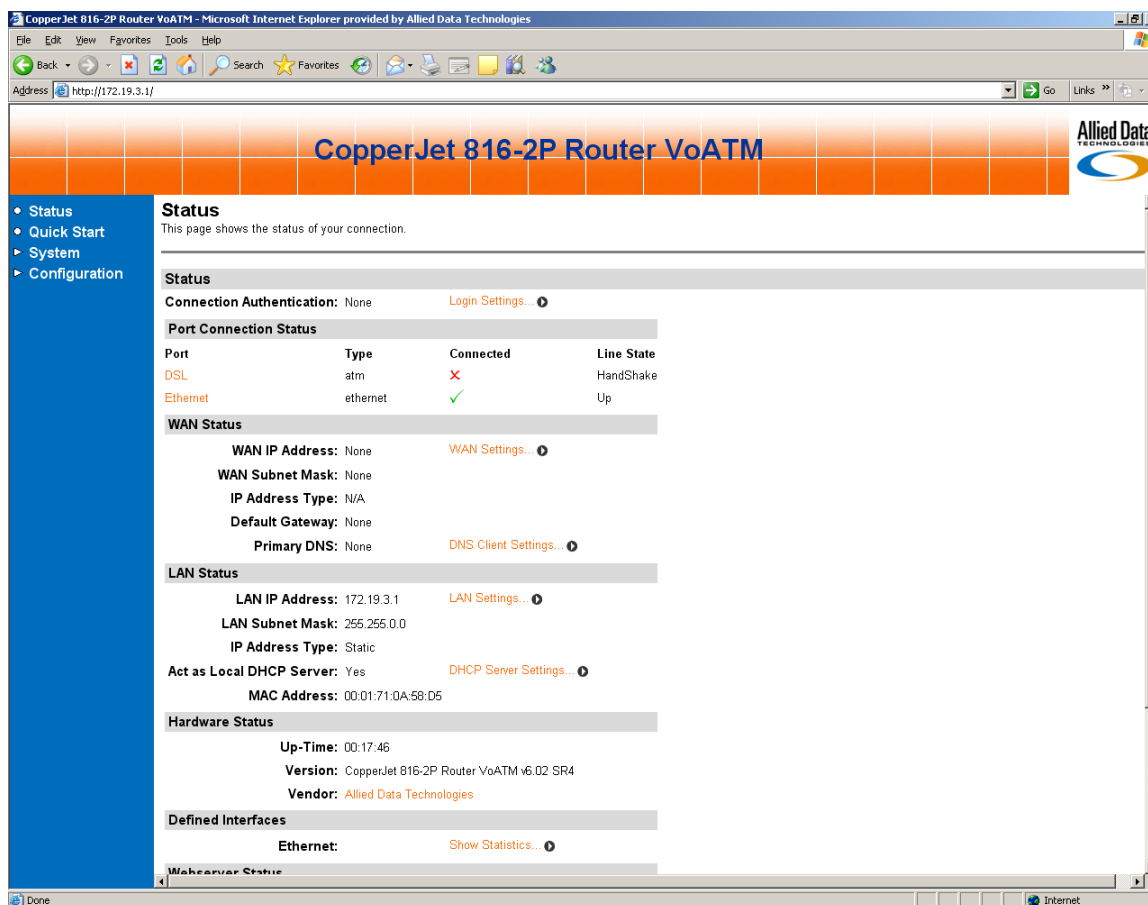
### Stap 1

Om verbinding te maken met het modem, dient u de netwerkkaart de volgende instellingen te geven:

- IP-adres op 172.19.3.2
- Netmask op 255.255.0.0
- Default Gateway op 172.19.3.1

### Stap 2

Start uw browser en tik in de adresbalk in: **http://172.19.3.1** (zonder www etc. dus)  
Onderstaand scherm komt nu in beeld.



**CopperJet 816-2P Router VoATM**

- Status
- Quick Start
- ▶ System
- ▶ Configuration

**Status**  
This page shows the status of your connection.

**Status**  
Connection Authentication: None [Login Settings...](#)

**Port Connection Status**

Port	Type	Connected	Line State
DSL	atm	X	HandShake
Ethernet	ethernet	✓	Up

**WAN Status**

WAN IP Address: None [WAN Settings...](#)

WAN Subnet Mask: None

IP Address Type: N/A

Default Gateway: None

Primary DNS: None [DNS Client Settings...](#)

**LAN Status**

LAN IP Address: 172.19.3.1 [LAN Settings...](#)

LAN Subnet Mask: 255.255.0.0

IP Address Type: Static

Act as Local DHCP Server: Yes [DHCP Server Settings...](#)

MAC Address: 00:01:71:0A:58:D5

**Hardware Status**

Up-Time: 00:17:46

Version: CopperJet 816-2P Router VoATM v6.02 SR4

Vendor: Allied Data Technologies

**Defined Interfaces**

Ethernet: [Show Statistics...](#)

**Wakeover Status**

### Stap 3

Klik op **Configuration** en in het menu dat zich dan opent op **WAN connections**. Onderstaand plaatje zal verschijnen en drukt u op **Delete**. Geef nu een **OK**.

#### WAN connections

##### Existing WAN Services

Service Name	IP/Bridge Interface	Description	Creator			
rfc1483-0	rfc1483-0	RFC1483	WebAdmin	Edit... 	Delete... 	

Create new Service... 

### Stap 4

Kies nu voor **Create New Service** en ga naar **Service attached to the router**. Stel daar **RFC 1483 bridged** in en kies voor **Configure** om dit te bevestigen.

#### WAN connection: Create service

Select the type of connection service you wish to create on the WAN side.

##### New WAN Service

###### Service attached to the Bridge

RFC1483 bridged (RFC 1483/2684)

###### Service attached to the Router

RFC1483 routed (RFC 1483/2684)

RFC1483 bridged (RFC 1483/2684)

PPPoA routed (RFC 2364)

PPPoE routed (RFC 2516 over RFC 1483)

Configure

Cancel

## Stap 5

Neem wanneer dit nog niet klopt, de waarden over van onderstaand plaatje. En klik op **OK**.

### WAN connection: RFC1483 bridged (routed)

Create a RFC1483 Bridged connection with an IP interface on the router.

This is also known as Integrated Routing-Bridging or MAC encapsulated RFC1483 Routed.

**New Routed Connection**

Description:

**ATM Settings**

VPI:

VCI:

Encapsulation:

**Ethernet Settings**

Default MAC Address (00:01:71:0A:58:D5)

MAC Address:

**IP Settings**

Use DHCP

WAN IP Address:

WAN IP Mask:

Default Gateway:

Enable NAT

Controleer nu of u inderdaad ook volgend scherm ziet zoals hieronder aangegeven:

### WAN connections

**Existing WAN Services**

Service Name	IP/Bridge Interface	Description	Creator			
rfc1483-0	rfc1483-0	RFC1483	WebAdmin	Edit...	Delete...	Virtual If

[Create new Service...](#)

Uw modem staat nu in router-mode. Wanneer u ook nog wilt dat deze als DHCP server ingesteld wordt, volg dan de volgende stappen.

## DHCP Server instellen

### Stap 1

Klik op **Configuration** en in het menu dat zich dan opent op **DHCP server**.  
Onderstaande pagina zal nu in beeld verschijnen

#### DHCP Server

This page allows creation of DHCP server subnets and DHCP server fixed host IP/MAC mappings. You may also enable and disable the DHCP server from here.

The DHCP server is currently *disabled*.

Enable

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#### DHCP server interfaces

Use this section to edit the list of IP interfaces that the DHCP server will operate on.  
Changes successfully applied.

There are currently no IP interfaces listed for the DHCP server. The DHCP server will operate on all interfaces.

#### Add new interface

Use this section to tell the DHCP server to operate on another IP interface.

New IP interface: ethernet-0 Add

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There are currently no DHCP server subnets defined.

[Create new Subnet...](#)

[Help](#)

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There are currently no DHCP server fixed IP/MAC mappings defined.

[Create new Fixed Host...](#)

[Help](#)

## Stap 2

Ga naar **Get subnet from IP interface** en kies voor **ethernet-0**.

Selecteer nu **Use a default range**

Selecteer nu **Use local host address as DNS server**

Selecteer nu **Use local host as default gateway**

Wanneer u dit heeft geconfigureerd dient u op **OK** te drukken.

### Create new DHCP server subnet

This page allows you to set up a new DHCP server subnet so that the system can assign IP address, subnet mask and option configuration parameters to DHCP clients.

Parameters for this subnet	
<i>Define your new DHCP subnet here. If you do not wish to specify the subnet value and subnet mask by hand, you may instead select an IP interface using the <b>Get subnet from interface</b> field. A suitable subnet will be created based on the IP address and subnet mask belonging to the chosen IP interface.</i>	
Subnet value	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Subnet mask	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Get subnet from IP interface	<input type="text" value="ethernet-0"/>
Maximum lease time	<input type="text" value="86400"/> seconds
Default lease time	<input type="text" value="43200"/> seconds
IP addresses to be available on this subnet	
<i>You need to make sure that the start and end addresses offered in this range are within the subnet you defined above. Alternatively, you may check the <b>Use a default range</b> to assign a suitable default IP address pool on this subnet.</i>	
Start of address range	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
End of address range	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Use a default range	<input checked="" type="checkbox"/>
DNS server option information	
<i>Enter the addresses of Primary and Secondary DNS servers to be provided to DHCP clients on this subnet. You may instead allow DHCP server to specify its own IP address by clicking on the <b>Use local host address as DNS server</b> checkbox.</i>	
Primary DNS server address	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Secondary DNS server address	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Use local host address as DNS server	<input checked="" type="checkbox"/>
Default gateway option information	
Use local host as default gateway	<input checked="" type="checkbox"/>
<input type="button" value="OK"/> <input type="button" value="Reset"/> <input type="button" value="Cancel"/>	

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### Stap 3

Als alles goed gegaan is komt u op een scherm zoals hieronder is weergegeven. De DHCP server is echter nog niet actief. Klik hier op **Enable** om deze te activeren.

#### DHCP Server

This page allows creation of DHCP server subnets and DHCP server fixed host IP/MAC mappings. You may also enable and disable the DHCP server from here.

The DHCP server is currently *disabled*.

[Enable](#)

#### DHCP server interfaces

Use this section to edit the list of IP interfaces that the DHCP server will operate on.

There are currently no IP interfaces listed for the DHCP server. The DHCP server will operate on all interfaces.

#### Add new interface

Use this section to tell the DHCP server to operate on another IP interface.

New IP interface:  [Add](#)

#### Existing DHCP server subnets

Enabled	Subnet Value	Subnet Mask	Get Subnet from IP Interface	Delete?	
<input type="checkbox"/>	<input type="text" value="172.19.0.0"/>	<input type="text" value="255.255.0.0"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Advanced Options...</a>

[Apply](#) [Reset](#)

[Create new Subnet...](#)

### Stap 4

U kunt nu de configuratie saveven door naar **configuration** te gaan en daar kunt u kiezen voor **save config**. Druk in dit scherm op de knop **save**.