

# Network Flyer Cheat Sheet

## Updating Firmware

|                             |                 |
|-----------------------------|-----------------|
| Get list of updates         | Load"\$^",7     |
| Get verbose list of updates | Load"\$^:*,v",7 |
| Download latest firmware    | Load"^:*,",7    |
| Download specific firmware  | Load"^:1.1.7",7 |

## Program Access

|                   |                   |
|-------------------|-------------------|
| Load program      | Load"program",7   |
| Save program      | Save"program",7   |
| Save OVER program | Save"@:program",7 |

## Listing Programs and Disks

|                             |                 |
|-----------------------------|-----------------|
| List ALL programs and disks | Load"\$",7      |
| Wildcard List               | Load"\$;PET*",7 |

## Configuration

```
Open 7,7,15
Print #7,"config:setting=value"
Input #7, a,b$,c,d
Close 7
```

## Network Configuration Settings

| Setting        | Description                                 | Example                                |
|----------------|---|--|
| IP             | IP Address                                  | Print #7,"config:ip=192.168.1.10"      |
| SUBNETMASK     | Subnet Mask                                 | Print #7,"config:su=255.255.255.0"     |
| GATEWAY        | Gateway Addr                                | Print #7,"config:ga=192.168.1.1"       |
| DNS            | DNS Server                                  | Print #7,"config:dn=8.8.8.8"           |
| FIRMWARESERVER | Firmware Server<br>* URL Encoded            | Print #7,"config:fi=retroswitch%2ecom" |
| DHCP           | DHCP Enable/Disable<br>* 0/1—disable/enable | Print #7,"config:dh=1"                 |

## Alias Configuration Settings

| Setting         | Description                                | Example                                     |
|-----------------|--|---|
| A0—A3           | Alias Values<br>*URL Encoded               | Print #7,"config:a0=http%3aserver%2ecom%2f" |
| CLDNAM0-CLDNAM3 | Cloud Server 0-3 Name<br>*URL Encoded      | Print#7,"config:cldnam0=CommOnln"           |
| CLDSRV0-CLDSRV3 | Cloud Server 0-3 Addr<br>* URL Encoded     | Print#7,"config:cldsrv0=retroswitch%2ecom"  |
| CLDUSR0-CLDSRV3 | Cloud Server 0-3 Username<br>* URL Encoded | Print#7,"config:cldusr0=bobo"               |
| CLDPWD0-CLDPWD3 | Cloud Server 0-3 Password<br>* URL Encoded | Print#7,"config:cldpwd0=bananas"            |

## Using an Alias

|                        |  |
|------------------------|--|
| Before Alias           | Load"http:myserver.com/programs/somefile.prg",7                                  |
| Configure Alias        | Open 7,7,15<br>Print#7,"config;a2=http%3amysrver%2ecom%2fprograms%2f"<br>Close 7 |
| After Alias Configured | Load"a2:somefile.prg",7  |

## Misc. Commands

|                                |                   |
|--------------------------------|-------------------|
| Directory of built-in software | Load"\$1",10      |
| Load built-in Config Program   | Load"1:config",10 |

## Disk Management

|                          |   |
|--------------------------|---|
| Flyer Cached Disk Images | Load"\$\$",7<br>list  |
| Adding a disk            | Open7,7,15<br>Print#7,"disk-add:d64,disk label"<br>Close 7  |
| Relabel a disk           | Open7,7,15<br>Print#7,"disk-relabel:INDEX=new name"<br>Close 7  |
| Remove a disk            | Open7,7,15<br>Print#7,"disk-scratch:INDEX"<br>Close 7   |
| Remove ALL disks         | Open7,7,15<br>Print#7,"disk-wipe:"<br>close7  |
| INDEX                    | Index is the index of the disk to perform the operation on. Indices are displayed to the left when listing the directory. |

## Disk Access

|   |                         |
|---|-------------------------|
| Upload disk from flyer to server                              | save"disk;PET Games",7  |
| Upload disk from flyer to server<br>OVERWRITING existing disk | Save"@disk:PET Games",7 |
| Download disk from server to flyer                            | Load"disk:PET Games",7  |

## Sample program / server code

```
10 open7,7,15
20 open2,7,2,"http:somesite.com/httpstest.php"
30 print#7,"http-post:2,username=slappy"
40 print#7,"http-post:2,password=dagnabbit"
50 print#2,"This is some generic data. "
60 print#2,"This is some more generic data."
70 print#7,"http-transact:2"
80 input#2,a$
90 close2:close7
100 print "Response: ",a$

<?php
require_once 'Retroswitch.inc.php';
$username = isset( $_POST['username'] ) ?
Retroswitch::PecsciiToAscii( $_POST['username'] ) : "";
$password = isset( $_POST['password'] ) ?
Retroswitch::PecsciiToAscii( $_POST['password'] ) : "";
if( strcmp( $username, "slappy" ) || strcmp( $password, "dagnabbit" ) )
{
    echo Retroswitch::AsciiToPecscii( "Not Authorized" );
    exit;
}
if( isset( $_FILES['data'] ) )
{
    $data = file_get_contents( $_FILES['data']['tmp_name'] );
    // Strip delimiters from our data (replace with spaces) so we can
    // return it in one chunk for testing...
    $data = str_replace( array( "\n", "\r", "\t", "\v", "\f" ), " ", $data );
    echo $data;
    exit;
}
echo Retroswitch::AsciiToPecscii( "No Data" );
?>
```