# Progressive Controller 4.0.0 User manual

TEC-EL-PROGCTRL Version 1.0.0

2023-03-10



# **Version History**

| Version | Department | Initials | Date       | Comments            |
|---------|------------|----------|------------|---------------------|
| 1.0.0   | R&D        | E.B.     | 2022-03-10 | -Document creation. |



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# 3. Introduction

This document explains the installation procedure of the progressive controller and the configuration that need to be done in the EGM of the controller.

# 4. Hardware configuration

- The EGM used to configure the PC shall be connected on the same network as the PC.
- The ethernet switch shall allow the transmission of UDP broadcast packets on port 1024.





- All the configurations can be done from the "PROGRESSIVE CONTROLLER" menu on the EGM. The EGM will act as a configuration terminal for the PC.
- There is also a secure web page on the progressive controller that can be used to configure the controller and view controller information like reports and logs. Most of the configurations are available from both methods, this user manual will focus on the Web page, most of the explanation apply also on the configuration terminal.





# 5. Ram clear (SPIDER Board):

- Connect the Ram Clear Factory Test CFast on the Progressive Controller.
- Power on the controller.
- Wait at least 30 seconds.
- Turn the CLEAR key on the controller.
- Wait at least 15 seconds.
- Turn the DIP switch 8 ON.
- Wait at least 3 seconds.
- Turn the DIP switch 8 OFF.

### 6. Ram clear (Advantech Board):

- Connect the Ram Clear Factory Test CFast on the Progressive Controller.
- Power on the controller.
- Wait at least 30 seconds.
- Turn the CLEAR key on the controller.
- Wait at least 15 seconds.
- Turn the DIP switch 3 ON.
- Wait at least 3 seconds.
- Turn the DIP switch 3 OFF.



# 7. Install CFast on SPIDER board:

- The PROG-CONTROLLER CFast shall be installed in the SPIDER's slot labeled CFAST#1
- The backup CFast media shall be installed in the slot labeled CFAST#2.

The printed labeled on the CFast shows at the end of the second like the mention DSK1 or DSK2 indicating that it goes to slot labeled CFAST#1 or CFAST#2 respectively.



• On Advantech board CFast can be installed in any position.





# 7.1. "Write-Protect" switch on CFast's

Normally, the "Write-Protect" switch on the CFast's installed the board are always on the *Protect* side to lock securely the content of it. This way we are sure the content will never be altered and the signature of the CFast will remain constant.

But in the case of the PROGRESSIVE CONTROLLER installation, the "Write-Protect" switch must be on the side to allow writings. Obviously, if we want application to daily backup stuff, it needs to able to write on that second disk.

#### So make sure the switch on the CFast #2 will be on the non protect side.





# 7.2. Verification of the correct installation for version 3.0.0

Unfortunately, in the case of version 3.0.0, if the CFast's are wrongly installed and swapped, the Progressive Controller will give the impression everything is fine and will work anyway. But under the hood, the daily backup will not be created! We will not have these files if we ever need it one day for restoration in case of a catastrophic failure. This has already been fixed in any subsequent versions after the 3.0.0 but if we ever install that particular version, it could wise to take the time to validate it has been installed correctly from the start.

Here is a quick method to validate the CFast's have been correctly installed.

#### 7.2.1. With a monitor hook to the Progressive Controller

In Operator Menu/System Information, in the section HARDWARE INFORMATION, see the Partition section.

If CFast's are installed in proper positions, we will see a partition with a the end something showing bluberi\_progcontrollerbackup(RW):

| HARDWARE INFORMATION (Continued)                                     |  |
|--|--|
| Hard disk 2 = 80GB SATA Flash Drive / 74.53GB / 122131104260 🥒 🥒     |  |
| Partition 1 = /dev/sda3 / 59.38GB / Bluberi Fs                       |  |
| Partition 2 = /dev/sda1 / 128.00MB / Bluberi EFI 🛛 🖊                 |  |
| Partition 3 = /dev/sdb1 / 74.50GB / bluberi_progcontrollerbackup(RW) |  |
|  |  |

If CFast's are not installed in proper positions, we will see instead "Unknown":

| HARDWARE INFORMATION (Continued)                             |  |
|--|--|
| Hard disk 2 = 80GB SATA Flash Drive / 74.53GB / 122131104260 |  |
| Partition 1 = /dev/sdb3 / 59.38GB / Bluberi Fs               |  |
| Partition 2 = /dev/sda1 / 74.50GB / Unknown                  |  |
| Partition 3 = /dev/sdb1 / 128.00MB / Bluberi EFI             |  |

#### 7.2.2. With PC Web Page (see in later section...)

After logged to <u>https://1.blubericontroller.com</u>, go in the System / Configurations section. Then click on the Export Backup. If there is a Backup List that come up, it means the CFast's are in proper order.



**Attention!** This method will work ONLY if the progressive controller has been powered for more than 24 hours!!! If not, you may use this trick. In the same page, change the DateTime for 11:58 PM and then wait 2 minutes or wait that you have see the date change by one day then click the Export Backup for the verification. After the verification is done, put back the correct DateTime.



# 8. EGM and PC configuration steps:

After a "Ram Clear", the communication port number of the PC will be set to a default value of 1024.

- From the EGM menu "Operator menu/Configuration/Network/Progressive Controller/Controller Mode", configure the controller mode to Client.
- From the EGM menu "Operator menu/Configuration/Network/Progressive Controller/Controller port", configure the controller port of the EGM to 1024.

| ETHERNET CONTROLLER  | Help |
|--|------|
| Operator menu / Connguration / Network / Ethernet Controller |      |
| Client   |      |
| Controller Port  |      |
|  |      |
| 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -                      |      |
| 승규가 그 같은 것이 같은 것을 받는 것을 모두 것이 같아. 것이 같아.                     |      |
|  |      |
|  |      |
|  |      |
|  |      |
|  |      |
|  | Back |
| POWIR BEST: DOOR CLOSED W/D LAST PAY-5554.00                 |      |

Figure 2: Port configuration





# 9. PC configuration from EGM terminal:

- The next step is to turn the menu key of the EGM.
- Click on Progressive Controller/Login
  - Enter the default credentials; After a Ram Clear the default username/password are the following: ctrladm/Changeme!now

| P<br>Op | ROGRESSIVE CONTROLLER                          |  |
|---------|--|--|
|         | Login  |  |
|         | ctrladm  |  |
| ø       | Password<br>Changeme!now                       |  |
|         | <u>ر                                      </u> |  |
|         | ! @ # \$ % ? & * ( ) _ + Back                  |  |
|         | 1 2 3 4 5 6 7 8 9 0 - = Delete                 |  |
|         | q w e r t y u i o p [ ] CAP                    |  |
|         | ^ a s d f g h j k l ; : < >                    |  |
|         | \ z x c v b n m , . ' " ок                     |  |
|         | / Left Space Rotate Right Clear Cancel         |  |
|         |  |  |

Figure 3: Login

Click on OK



- The PC will ask you to change the default password:
- Set old password to "Changeme!now".
- Type the new password in "New password" and "Confirm password" fields.
- Click on OK.



Figure 4: Change password



- The next step is to modify the PC controller port #:
  - Go to Configuration/System, then click on controller port, modify the port number to the UDP port of your choice.
  - Click on OK.





# 10. Link EGM to the PC using new UDP port

• From the EGM menu "Operator menu/Configuration/Network/Ethernet Controller/Controller port", configure the controller port to the value that match the one configured in the last step:



Figure 6: Controller port #

• The next step is to create the progressive groups in the controller and link game progressives to the PC progressives. There is 2 ways to create the progressives in the PC and link it to the game. The first option is the easiest one, we called it the "automatic link", the other option is the "manual link", the manual link is more versatile but much more complex than the automatic link.



# 10.1. Automatic link:

- Open the main door and the logic door.
- Turn the menu key
- Go to configuration/Progressives
- Click on automatic link, then click yes.

| Operator menu / Configura | tion / Progressives |                  |             |  | PAGE 1        |
|---------------------------|---------------------|------------------|-------------|--|---------------|
| #<br>Description          | 1/6<br>EMPE         | ROR MYSTERY 50L  |             |  |               |
| Mode                      | Netwo               | ork - EmperorMys |             |  |               |
| ID                        | 1                   |                  |             |  |               |
| Contribution              | Not av              | vailable         |             |  |               |
| Value                     |                     |                  |             |  |               |
| Base                      | CON                 | EIDMAA           | TION        |  |               |
| Limit                     |                     |                  |             |  |               |
| Denominatio               |                     |                  |             |  |               |
| Controller Gr             |                     |                  |             |  |               |
| Controller Le             |                     |                  |             |  |               |
|                           | Deveuven            | t to croate      | progracci   | 10   |               |
|                           | Do you wan          | t to create      | progressiv  | /e   |               |
|                           | groups a            | iutomatica       | ally in the |  |               |
|                           | brogre              | essive con       | troller?    |  |               |
|                           | P 0                 |                  |             |  |               |
|                           |                     |                  | No.         |  |               |
|                           |                     |                  |             |  |               |
|                           |                     |                  |             |  |               |
|                           |                     |                  |             |  |               |
|                           | Yes                 |                  | No          |  |               |
|                           |                     |                  |             |  |               |
|                           |                     |                  |             | the start of the s |               |
|                           |                     |                  |             |  |               |
|                           |                     |                  |             |  |               |
|                           |                     | Change           | Payout      | Automatic  | Provide State |
| Next P                    | age Next Item       |                  | Defail: by  |  | Back          |

Figure 7: Automatic link

- The last step created the required progressives in the PC with default settings that match with the current game, then link the game progressives to the ones created in the PC.
- The PC progressive are now linked to the game progressives.





#### 10.2. Manual link:

!!This step is not required if the automatic link technique was used.!!

#### 10.2.1. Get the information from Game Math documentation:

For this step, the CL3 math information for the game will be required, for example Eternal Goddess game:

From the following file: *Eternal Goddess 5R-576Ways (ID 1114) Math ID 3658 - CL3 Configuration Options.pdf*, we have the following information:

| Progressive Contribution for Jackpot #1 (by default) |              |           |       |       |       |       |       |       |       |       |  |
|--|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Credit values  | Bet per line |           |       |       |       |       |       |       |       |       |  |
| crear values   | 1            | 2         | 3     | 4     | 5     | 6     | 8     | 9     | 10    | 12    |  |
| \$0.01   | 0.10%        | 0.10%     | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% |  |
| \$0.02   | 0.10%        | 0.10%     | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% |  |
| \$0.05   | 0.10%        | 0.10%     | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% | 0.10% |  |
|  |              | ~ ~ ~ ~ ~ |       |       |       |       |       |       |       |       |  |

Progressive Contribution for Jackpot #2 (by default)

| Creditvalues  |       | Bet per line |       |       |       |       |       |       |       |       |
|---------------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Credit values | 210   | 2            | 3     | 4     | 5     | 6     | 8     | 9     | 10    | 12    |
| \$0.01        | 0.90% | 0.90%        | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% |
| \$0.02        | 0.90% | 0.90%        | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% |
| \$0.05        | 0.90% | 0.90%        | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% | 0.90% |

Progressive Contribution for Jackpot #3 (by default)

\$75.00

\$150.00

\$225.00

JACKPOT #3:

| Credit values |       |       |       |       | Bet   | per line |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
| crear values  | 1     | 2     | 3     | 4     | 5     | 6        | 8     | 9     | 10    | 12    |
| \$0.01        | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00%    | 1.00% | 1.00% | 1.00% | 1.00% |
| \$0.02        | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00%    | 1.00% | 1.00% | 1.00% | 1.00% |
| \$0.05        | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00%    | 1.00% | 1.00% | 1.00% | 1.00% |

| Jackpot Amou | nt at: 0.01 |            |            |            |            |            |            |            |            |            |
|--------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|              | \$0.75      | \$1.50     | \$2.25     | \$3.00     | \$3.75     | \$4.50     | \$6.00     | \$6.75     | \$7.50     | \$9.00     |
| JACKPOT #1:  | \$750.00    | \$1,500.00 | \$2,250.00 | \$3,000.00 | \$3,750.00 | \$4,500.00 | \$6,000.00 | \$6,750.00 | \$7,500.00 | \$9,000.00 |
| JACKPOT #2:  | \$37.50     | \$75.00    | \$112.50   | \$150.00   | \$187.50   | \$225.00   | \$300.00   | \$337.50   | \$375.00   | \$450.00   |
| JACKPOT #3:  | \$15.00     | \$30.00    | \$45.00    | \$60.00    | \$75.00    | \$90.00    | \$120.00   | \$135.00   | \$150.00   | \$180.00   |
|              |             |            |            |            |            |            |            |            |            |            |

| Jackpot Amou | nt at: 0.02 |            |             |             |             |             |             |             |             |             |
|--------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|              | \$1.50      | \$3.00     | \$4.50      | \$6.00      | \$7.50      | \$9.00      | \$12.00     | \$13.50     | \$15.00     | \$18.00     |
| JACKPOT #1:  | \$1,500.00  | \$3,000.00 | \$4,500.00  | \$6,000.00  | \$7,500.00  | \$9,000.00  | \$12,000.00 | \$13,500.00 | \$15,000.00 | \$18,000.00 |
| JACKPOT #2:  | \$75.00     | \$150.00   | \$225.00    | \$300.00    | \$375.00    | \$450.00    | \$600.00    | \$675.00    | \$750.00    | \$900.00    |
| JACKPOT #3:  | \$30.00     | \$60.00    | \$90.00     | \$120.00    | \$150.00    | \$180.00    | \$240.00    | \$270.00    | \$300.00    | \$360.00    |
|              |             |            |             |             |             |             |             |             |             |             |
| Jackpot Amou | nt at: 0.05 |            |             |             |             |             |             |             |             |             |
|              | \$3.75      | \$7.50     | \$11.25     | \$15.00     | \$18.75     | \$22.50     | \$30.00     | \$33.75     | \$37.50     | \$45.00     |
| JACKPOT #1:  | \$3,750.00  | \$7,500.00 | \$11,250.00 | \$15,000.00 | \$18,750.00 | \$22,500.00 | \$30,000.00 | \$33,750.00 | \$37,500.00 | \$45,000.00 |
| JACKPOT #2:  | \$187.50    | \$375.00   | \$562.50    | \$750.00    | \$937.50    | \$1,125.00  | \$1,500.00  | \$1,687.50  | \$1,875.00  | \$2,250.00  |

\$375.00

\$450.00

\$600.00

\$675.00

\$750.00

\$900.00

Figure 8:CL3 Configuration Options

\$300.00



#### 10.2.2. Information extracted from Math documentation:

From the math configuration, we can assume that we need 3 groups of progressives, one for each denomination (0.01,0.02 and 0.05), each progressive group will have 3 levels of jackpot.

| Group #1: CollosalDragonFamily_\$0.01 |         |              |  |  |
|---------------------------------------|---------|--------------|--|--|
| Level                                 | Base    | Contribution |  |  |
| #1 (Jackpot #1)                       | 750\$   | 0.10%        |  |  |
| #2 (Jackpot #2)                       | 37.50\$ | 0.9%         |  |  |
| #2 (Jackpot #3)                       | 15\$    | 1.0%         |  |  |

| Group #2: CollosalDragonFamily_\$0.02 |        |              |  |  |
|---------------------------------------|--------|--------------|--|--|
| Level                                 | Base   | Contribution |  |  |
| #1 (Jackpot #1)                       | 1500\$ | 0.10%        |  |  |
| #2 (Jackpot #2)                       | 75\$   | 0.9%         |  |  |
| #2 (Jackpot #3)                       | 30\$   | 1.0%         |  |  |

| Group #3: CollosalDragonFamily_\$0.05 |          |              |  |  |
|---------------------------------------|----------|--------------|--|--|
| Level                                 | Base     | Contribution |  |  |
| #1 (Jackpot #1)                       | 3750\$   | 0.10%        |  |  |
| #2 (Jackpot #2)                       | 187.50\$ | 0.9%         |  |  |
| #2 (Jackpot #3)                       | 75\$     | 1.0%         |  |  |



# 10.2.3. <u>Creation of the progressive groups and levels in the progressive controller:</u>

*!!This step shall be done once for each new game title that is installed on the casino floor and linked on the progressive controller.!!.* 

- Go in the operator menu of the EGM.
- Click on Progressive controller.
- Enter your username/password.
- Click on configuration.
- Click on add/remove group.
- Click on "Name of the new group".
- Type the name of the group "ColossalDragonFamily\_\$0.01".
- Click on number of levels, set the number of levels to 3.
- Click on add the group.

| Name of the new group       | Group list: (those in green have been contributed to and cannot be deleted) |
|-----------------------------|---|
| ColossalDragonFamily_\$0.01 |   |
| Number of level             |   |
| .3                          |   |
| Add the group               |   |
| Remove a group              |   |
|                             |   |
|                             |   |
|                             |   |
|                             |   |
|                             |   |
|                             |   |

Figure 9: Add "ColossalDragonFamily\_\$0.01" group



- Click on "Name of the new group".
- Type the name of the group "ColossalDragonFamily\_\$0.02".
- Click on number of levels, set the number of levels to 3.
- Click on add the group.

| Name of the new group<br>ColossalDragonFamily_\$0.02 | Group list: (those in green have been contributed to and cannot be deleted)<br>ColossalDragonFamily_\$0.01 |  |
|--|--|--|
| Number of level<br>3                                 |  |  |
| Add the group  |  |  |
| Remove a group                                       |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Figure 10: Add "ColossalDragonFamily\_\$0.02" group



- Click on "Name of the new group"
- Type the name of the group "ColossalDragonFamily\_\$0.05".
- Click on number of levels, set the number of levels to 3.
- Click on add the group.

| Name of the new group<br>ColossalDragonFamily_\$0.05 | Group list: (those in green have been contributed to and cannot be deleted)<br>ColossalDragonFamily_\$0.01<br>ColossalDragonFamily_\$0.02 |
|--|---|
| Number of level<br>3                                 |   |
| Add the group  |   |
| Remove a group                                       |   |
|  |   |
|  |   |
|  |   |
|  |   |

Figure 11: Add "ColossalDragonFamily\_\$0.05" group



The next step is to configure all the progressive levels of each group:

- Click on "Operator menu/Progressive controller/configurations/Progressives/".
- Select "CollosalDragonFamily\_\$0.01".

| <b>PROGRESSIVES</b><br>Operator menu / Progressive Controller / Config | gurations / Progressives |                    |
|--|--------------------------|--------------------|
| Select a group   |                          |                    |
| < Cancel >   |                          |                    |
| ColossalDragonFamily_\$0.01  |                          |                    |
| ColossalDragonFamily_\$0.02  |                          |                    |
| ColossalDragonFamily_\$0.05  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  |                          |                    |
|  | POWER RESET              | MEM=392635-1701-29 |

Figure 12: Select progressive group colossalDragonFamily\_\$0.01



Configure the level#1 of the "CollosalDragonFamily\_\$0.01" group:

- Click on base, set the base to 750.
- Click on value, set the value to 750.
- Click on contribution, set the contribution to 0.10
- Click on next.



Figure 13: Configure level 1 of \$0.01 denomination



Configure the level#2 of the "CollosalDragonFamily\_\$0.01" group:

- Click on base, set the base to 37.50.
- Click on value, set the value to 37.50.
- Click on contribution, set the contribution to 0.90.
- Click on next.



Figure 14: Figure 13: Configure level 2 of \$0.01 denomination



Configure level #3 of the "CollosalDragonFamily\_\$0.01" group:

- Click on base, set the base to 15.00.
- Click on value, set the value to 15.00.
- Click on contribution, set the contribution to 1.00.
- Click on back.

| Level: 3 ld: 30 Group:<br>ColossalDragonFamily_\$0.01 ld:<br>10 | Overflow<br>\$0.00                           |  |
|---|--|--|
| Base<br>\$15.00   | Overflow enabled                             |  |
| Value<br>\$15.00  | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00   |  |  |
| Contribution<br>1.00  |  |  |
| Reserve<br>\$0.00   |  |  |
| Reserve Contribution<br>0.00                                    |  |  |

Figure 15: Configure level 3 of \$0.01 denomination.



- Click on "Progressives".
- Select "CollosalDragonFamily\_\$0.02".



Figure 16: Select progressive group "CollosalDragonFamily\_\$0.02".



Configure level #1 of the "CollosalDragonFamily\_\$0.02" group:

- Click on base, set the base to 1500.
- Click on value, set the value to 1500.
- Click on contribution, set the contribution to 0.10.
- Click on next.

| ColossalDragonFamily_\$0.02 ld:<br>11 | Overflow<br>\$0.00                           |  |
|---------------------------------------|--|--|
| Base<br>\$1,500.00                    | Overflow enabled                             |  |
| Value<br>\$1,500.00                   | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00                       |  |  |
| Contribution<br>0.10                  |  |  |
| Reserve<br>\$0.00                     |  |  |
| Reserve Contribution 0.00             |  |  |

Figure 17: Configure level 1 of \$0.02 denomination.



Configure level #2 of the "CollosalDragonFamily\_\$0.02" group:

- Click on base, set the base to 75.
- Click on value, set the value to 75.
- Click on contribution, set the contribution to 0.90.
- Click on next.



Figure 18: Configure level 2 of \$0.02 denomination.



Configure level #3 of the "CollosalDragonFamily\_\$0.02" group:

- Click on base, set the base to 30.
- Click on value, set the value to 30.
- Click on contribution, set the contribution to 1.00.
- Click on back.

| Level: 3 ld: 33 Group:<br>ColossalDragonFamily_\$0.02 ld:<br>11 | Overflow<br>\$0.00                           |  |
|---|--|--|
| Base<br>\$30.00   | Overflow enabled                             |  |
| Value<br>\$30.00  | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00   |  |  |
| Contribution<br>1.00  |  |  |
| Reserve<br>\$0.00   |  |  |
| Reserve Contribution 0.00                                       |  |  |

Figure 19: Configure level 3 of \$0.02 denomination.



- Click on "Progressives".
- Select "CollosalDragonFamily\_\$0.05".



Figure 20:Select progressive group "CollosalDragonFamily\_\$0.05".



Configure level #1 of the "CollosalDragonFamily\_\$0.05" group:

- Click on base, set the base to 3750.
- Click on value, set the value to 3750.
- Click on contribution, set the contribution to 0.10.
- Click on next.

| ColossalDragonFamily_\$0.05 Id:<br>12 | Overflow<br>\$0.00                           |  |
|---------------------------------------|--|--|
| Base<br>\$3,750.00                    | Overflow enabled                             |  |
| Value<br>\$3,750.00                   | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00                       |  |  |
| Contribution 0.10                     |  |  |
| Reserve<br>\$0.00                     |  |  |
| Reserve Contribution<br>0.00          |  |  |

Figure 21: Configure level 1 of \$0.05 denomination.



Configure level #2 of the "CollosalDragonFamily\_\$0.05" group:

- Click on base, set the base to 187.50.
- Click on value, set the value to 187.50.
- Click on contribution, set the contribution to 0.90.
- Click on next.

| Level: 21d: 35 Group:<br>ColossalDragonFamily_\$0.05 Id:<br>12 | Overflow<br>\$0.00                           |  |
|--|--|--|
| Base<br>\$187.50   | Overflow enabled                             |  |
| Value<br>\$187.50  | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00  |  |  |
| Contribution<br>0.90   |  |  |
| Reserve<br>\$0.00  |  |  |
| Reserve Contribution 0.00                                      |  |  |

Figure 22: Configure level 2 of \$0.05 denomination.



Configure level #3 of the "CollosalDragonFamily\_\$0.05" group:

- Click on base, set the base to 75.
- Click on value, set the value to 75.
- Click on contribution, set the contribution to 1.00
- Click on back

| Level: 3 Id: 36 Group:<br>ColossalDragonFamily_\$0.05 Id:<br>12 | Overflow<br>\$0.00                           |  |
|---|--|--|
| Base<br>\$75.00   | Overflow enabled                             |  |
| Value<br>\$75.00  | Maximum Amount For<br>Contribution<br>\$0.00 |  |
| Limit<br>\$0.00   |  |  |
| Contribution<br>1.00  |  |  |
| Reserve<br>\$0.00   |  |  |
| Reserve Contribution<br>0.00                                    |  |  |

Figure 23: Configure level 3 of \$0.05 denomination.



#### 10.2.4. Link the progressive levels to the game progressives.

• Go in "Operator Menu / Configuration / Progressives", then select "Controller Group ID", and click on change item, then select the group "ColossalDragonFamily\_\$0.01"

| perator menu / comiguration / Pro | JEI COSIVES |                    |                     |           | 7.7 Col 6 - 3 |
|-----------------------------------|-------------|--------------------|---------------------|-----------|---------------|
|                                   | 1/9         |                    |                     |           |               |
| Description                       | ETERI       | VAL GODDESS 576    | N CL3 - \$0.01 - Gr | and       |               |
| Mode                              | Netw        | ork - ColossalDrag | onFamily            |           |               |
| ID<br>O                           | 1           |                    |                     |           |               |
| Contribution                      | Notr        | eceived            |                     |           |               |
| Value                             | \$750.      | 00                 |                     |           |               |
| Base                              | Notr        | eceived            |                     |           |               |
| Limit                             | Not r       | eceived            |                     |           |               |
| Denomination                      | en.01       |                    |                     |           |               |
|                                   | Co          | ntroller Grou      | p ID 📃              |           |               |
| Controller Level ID               |             |                    | ACDANC.             |           |               |
|                                   |             | < Cancel >         |                     |           |               |
|                                   |             |                    |                     |           |               |
|                                   | 10. Cold    | ssalDragonFam      | ulv \$0.01          |           |               |
|                                   | 10. 001     |                    | iny_\$0.01          |           |               |
|                                   | 44.0-1      |                    | :h. #0.00           |           |               |
|                                   | 11: Cold    | ossalDragonFam     | 111y_\$0.02         |           |               |
|                                   |             | - 100 M            |                     |           |               |
|                                   | 12: Colo    | ossalDragonFam     | ily_\$0.05          |           |               |
|                                   |             | -                  |                     |           |               |
|                                   |             |                    |                     |           |               |
|                                   |             |                    |                     |           |               |
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|                                   |             |                    |                     |           |               |
|                                   |             |                    |                     |           |               |
|                                   |             | Change             | Payout              | Automatic |               |
| Next Page                         | Next Item   | Change             | Detail: by          | Automatic | Back          |
|                                   |             | Item               | denom               | LINK      |               |
|                                   |             |                    | denom               |           |               |
|                                   |             | POWER RESET        |                     |           | MEM=3922.2    |

Figure 24: Select \$0.01 group.



- Click on "Next Item" until Controller Level ID is selected.
- Click on change Item.
- Select the "Controller Level ID" 1.

| rator mena / comguration / m | gressives                                 | TAGE           |
|------------------------------|---|----------------|
|                              | 1/9                                       |                |
| Description                  | ETERNAL GODDESS 576W CL3 - \$0.01 - Grand |                |
| Mode                         | Network - ColossalDragonFamily            |                |
| ID                           |   |                |
| Contribution                 | Not available                             |                |
| Value                        | Not available                             |                |
| Base                         | Not available                             |                |
| Limit                        | Not available                             |                |
| Denomination                 | \$0.01                                    |                |
| Controller Group ID          | Controller Level ID                       |                |
|                              |   |                |
|                              | < Cancel >                                |                |
|                              |   |                |
|                              | 1   |                |
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|                              | 2   |                |
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|                              | 3   |                |
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|                              | Devent                                    |                |
|                              | Change Pdyout                             | Automatic      |
| Next Page                    | Next Item Change Detail: by               | Automatic Back |

Figure 25: Set controller level.

Click on "Yes"





- Now the 3 progressive levels of the "ColossalDragonFamily\_\$0.01" group are now linked with the progressive of the game (Level 1-2-3 of the game).
- We will now configure the Level 4-5-6 of the game and link it to level 1-2-3 of the "ColossalDragonFamily\_\$0.02" group of the progressive controller.
- Click on next page until we are in progressive level configuration # 4/9.
- Click on change item until "Controller Group ID" is highlighted
- Click on "Change Item"
- Click on "ColossalDragonFamily\_\$0.02".

| Operator men     | u / Configuration / P | rogressives |                    |                       |                   | PAGE 4           |
|------------------|-----------------------|-------------|--------------------|-----------------------|-------------------|------------------|
|                  |                       | 4/9         |                    |                       |                   |                  |
| Descri           | ption                 | ETERN       | AL GODDESS 576     | V CL3 - \$0.02 - Grar | nd                |                  |
| Mode             |                       | Netwo       | rk - ColossalDrago | onFamily              |                   |                  |
| ID               |                       | 4           |                    |                       |                   |                  |
| Contri           | bution                | Not re      | ceived             |                       |                   |                  |
| Value            |                       | \$1,500     | .00                |                       |                   |                  |
| Base             |                       | Not re      | ceived             |                       |                   |                  |
| Limit            |                       | Not re      | ceived             |                       |                   |                  |
| Denon            | nination              | \$0.02      |                    |                       |                   |                  |
|                  |                       | Con         | troller Grou       | DΙΟ                   |                   |                  |
| Contro           | oller Level ID        |             |                    |                       |                   |                  |
|                  |                       |             | < Cancel >         |                       |                   |                  |
|                  |                       |             |                    |                       |                   |                  |
|                  |                       | 10: Colo    | ssalDragonFam      | ily_\$0.01            |                   |                  |
|                  |                       | 11: Colo    | ssalDragonFam      | ily_\$0.02            |                   |                  |
|                  |                       | 12: Colo    | ssalDragonFam      | ily_\$0.05            |                   |                  |
|                  |                       |             |                    |                       |                   |                  |
|                  |                       |             |                    |                       |                   |                  |
|                  |                       |             |                    |                       |                   |                  |
|                  |                       |             |                    |                       |                   |                  |
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| Previous<br>Page | Next Page             | Next Item   | Change<br>Item     | Payout<br>Detail: by  | Automatic<br>Link | Back             |
|                  |                       |             |                    | denom                 |                   |                  |
|                  |                       |             | POWER RESET        |                       |                   | MEM=3921 89 1700 |

Figure 27: Select 0.02\$ group.



- Click on next item until the Controller Level ID is selected.
- Click on Change Item.
- Select the Controller Level ID 1.

| erator menu? Configuratio | rogressives                               | PAGE       |
|---------------------------|---|------------|
|                           | 4/9                                       |            |
| Description               | ETERNAL GODDESS 576W CL3 - \$0.02 - Grand |            |
| Mode                      | Network - ColossalDragonFamily            |            |
|                           | 4   |            |
| Contribution              | Not available                             |            |
| Value                     | Not available                             |            |
| Base                      | Not available                             |            |
| Limit                     | Not available                             |            |
| Denomination              | \$0.02                                    |            |
| Controller Group ID       | Controller Level ID                       |            |
|                           | CONTRACT AND A DESCRIPTION                |            |
|                           | < Cancel >                                |            |
|                           |   |            |
|                           | 1   |            |
|                           |   |            |
|                           | 2   |            |
|                           | 2   |            |
|                           |   |            |
|                           | 3   |            |
|                           |   |            |
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# Click on yes. Processives Previous Program Parage Previous Page Next Page Next Item Next Item

Figure 29: Do you want to link.



- Now the 3 progressive levels of the "ColossalDragonFamily\_\$0.02" group are linked with the progressive of the game (Level 4-5-6 of the game).
- We will now configure the Level 7-8-9 of the game and link it to level 1-2-3 of the "ColossalDragonFamily\_\$0.05" group of the progressive controller.
- Click on next page until we are in progressive level configuration # 7/9.
- Click on change item until "Controller Group ID" is highlighted
- Click on "Change Item"
- Click on "ColossalDragonFamily\_\$0.05".

| Operator menu    | I / Configuration / Pi | rogressives                                  | PAGE 7    |
|------------------|------------------------|--|-----------|
|                  |                        | 7/9  |           |
| Descrip          | otion                  | ETERNAL GODDESS 576W CL3 - \$0.05 - Grand    |           |
| Mode             |                        | Network - ColossalDragonFamily               |           |
| ID               |                        |  |           |
| Contrib          |                        | Not received                                 |           |
| Value            |                        | \$3,750.00                                   |           |
| Base             |                        | Not received                                 |           |
| Limit            |                        | Not received                                 |           |
| Denom            |                        | \$0.05                                       |           |
|                  |                        | Controller Group ID                          |           |
| Contro           | ller Level ID          |  |           |
|                  |                        | < Cancel >                                   |           |
|                  |                        | 10: ColossalDragonFamily_\$0.01              |           |
|                  |                        | 11: ColossalDragonFamily_\$0.02              |           |
|                  |                        | 12: ColossalDragonFamily_\$0.05              |           |
|                  |                        |  |           |
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|                  |                        |  |           |
| Previous<br>Page | Next Page              | Next Item Change Item Change Detail: by Link | atic Back |
|                  |                        |  |           |

Figure 30: Select 0.05\$ group.



- Click on next item until the Controller Level ID is selected.
- Click on Change Item.
- Select the Controller Level ID

| erator menu    | 1 / Configuration / Pi | rogressives |                     |                      |                   | PAGE 7 |
|----------------|------------------------|-------------|---------------------|----------------------|-------------------|--------|
|                |                        |             |                     |                      |                   |        |
|                |                        | ETER        | VAL GODDESS 576     | N CL3 - \$0.05 - Gra | ind               |        |
|                |                        | Netw        | ork - ColossalDrago | onFamily             |                   |        |
|                |                        |             |                     |                      |                   |        |
| Contril        |                        | Not a       | vailable            |                      |                   |        |
|                |                        | Not a       | vailable            |                      |                   |        |
|                |                        | Not a       | vailable            |                      |                   |        |
| Limit          |                        | Not a       | vailable            |                      |                   |        |
|                |                        | \$0.05      |                     |                      |                   |        |
| Contro         | ller Group ID          | Co          | ntroller Leve       | el ID                |                   |        |
|                |                        |             |                     |                      |                   |        |
|                |                        |             | < Cancel >          |                      |                   |        |
|                |                        |             |                     |                      |                   |        |
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|                |                        |             | 2                   |                      |                   |        |
|                |                        |             | 3                   |                      |                   |        |
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Figure 31: Select level 1.

| <ul> <li>Cli</li> </ul>  | ck on ye                         | S.  |   |   |           |                     |
|--|----------------------------------|---|---|---|-----------|---------------------|
| PROGRES<br>Operator menu   | SIVES<br>/ Configuration / P     |   |   |   |           | PAGE 7              |
| #<br>Descrip<br>Mode<br>ID<br>Contribu<br>Value<br>Base<br>Limit<br>Denom<br>Control | natio<br>ler Gr<br>E<br>DE<br>DE | 7/9<br>ETERN<br>Netwo<br>7<br>Not av<br>CON | AL GODDESS 576W<br>ork - ColossalDrago<br>vailable<br>FIRMA<br>IFIRMA<br>to auton<br>sssives to t<br>group? | v CL3 - \$0.05 - Grand<br>nFamily<br>TION<br>natically lin<br>his control | k<br>ler  |                     |
|  |                                  | Yes   |   | No  |           |                     |
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| Page   | Next Page                        | to link                                     | Item<br>POWER RESET   | denom   | Link      | MIM-1921 80-1700.75 |
| rigure 32: D   | o you want                       | lo III IK.                                  |   |   |           |                     |

• The EGM is now linked to the PC, you can now exit to the game!



# 11. Computer configuration to access PC Web page

#### 11.1. Web browser supported:

One of the following Web Browser shall be installed on the computer:

- Internet Explorer 11
- Chrome
- Microsoft Edge

\*Ensure that there is no pop-up blocker extension add-on activated in your web browser.

#### 11.2. Bluberi Self signed certificate:

To have a secure connection to the WEB server of the PC, a certificate generated by Bluberi shall be installed on the computer that will run the Web browser. Bluberi will provide this certificate.

#### 11.3. How to install the bluberi certificate on windows 10:

- Run mmc command
- Click on file, Add/Remove snapin, then select certificates, then click add.
- Click on ok.

| You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.  Available gnap-ins: Snap-in Vendor ActiveX Control Microsoft Cor Configuration et an Microsoft Cor Configuration et an Microsoft Cor Device Manager Microsoft Cor Disk Management Microsoft Cor Disk Management Microsoft Cor Configuration et ant Microsoft Cor Configuration et ant Microsoft Cor Configuration et an Configuration | Add or Remove Snap-ins   | < |
|--|--|---|
| Available gnap-ins:       Selected snap-ins:         Snap-in       Vendor         ActiveX Control       Microsoft Cor         ActiveX Control       Microsoft Cor         ActiveX Control       Microsoft Cor         Certificats       Microsoft Cor         Computer Managem       Microsoft Cor         Configuration et an       Microsoft Cor         Contrôle WMI       Microsoft Cor         Device Manager       Microsoft Cor         Disk Management       Microsoft Cor         Folder       Microsoft Cor         Gestion de l'Impression       Microsoft Cor         Gestion de la straté       Microsoft Cor         Gestion du module d       Microsoft Cor         Gestion du module d       Microsoft Cor   | You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.  |   |
| Snap-in Vendor   ActiveX Control Microsoft Cor   Analyseur de perfor Microsoft Cor   Certificats Microsoft Cor   Conputer Managem Microsoft Cor   Contrôle WMI Microsoft Cor   Microsoft Cor Microsoft Cor   Device Manager Microsoft Cor   Disk Management Microsoft Cor   Folder Microsoft Cor   Gestion de limpression Microsoft Cor   Gestion de la straté Microsoft Cor   Gestion du module d Microsoft Cor   | Available snap-ins: Selected snap-ins:   |   |
| Sestion de la straté Microsoft Cor   | Snap-in       Vendor       Image: Console Root       Edit Extensions         ActiveX Control       Microsoft Cor       Image: Certificats - Utilisateur actuel       Remove         Analyseur de perfor       Microsoft Cor       Image: Certificats - Utilisateur actuel       Remove         Configuration et an       Microsoft Cor       Microsoft Cor       Move Up         Contrôle WMI       Microsoft Cor       Move Down         Device Manager       Microsoft cor       Add >         Disk Management       Microsoft Cor       Microsoft Cor         Disk Management       Microsoft Cor       Microsoft Cor         Folder       Microsoft Cor       Microsoft Cor         Folder       Microsoft Cor       Microsoft Cor |   |
| Description:<br>Le composant logiciel enfichable Certificats vous permet de parcourir le contenu des magasins de certificats pour vous, un service ou<br>un ordinateur.<br>OK Cancel   | Gestion de la straté       Microsoft Cor         Gestion du module d       Microsoft Cor         Description:       Adyanced         Le composant logiciel enfichable Certificats vous permet de parcourir le contenu des magasins de certificats pour vous, un service ou un ordinateur.         OK       Cancel  |   |





#### • Double click on certificates

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| Console Root Name                         | Actions                         |         |
| > 🗊 Certificats - Utilisateur actuel      | Console Root                    | <b></b> |
|   | More Actions                    | •       |
|   | Certificats - Utilisateur actue | el 🔺    |
|   | More Actions                    | •       |
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|   |                                 |         |
|   | ]]                              |         |
| Figure 34: User certificate               |                                 |         |

• Double click on Trusted Root Certification Authorities



Figure 35: Trusted root Authorities



#### • Double click on certificates.

| ᡖ Console1 - [Console Root\Certificats - Utilisateur actuel\Trusted Root Certification Authorities] - 🗆 X |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| See Eile Action View Favourites Window Help   |  |  |  |  |  |  |  |
|   | ,                                      |  |  |  |  |  |  |
| Console Root Type d'objet   | Actions                                |  |  |  |  |  |  |
| ✓ Q Certificats - Utilisateur actuel Certificats  | Trusted Root Certification Authorities |  |  |  |  |  |  |
| > Control Certification Auth  | More Actions                           |  |  |  |  |  |  |
| > 🗎 Enterprise Trust  | Certificats                            |  |  |  |  |  |  |
| > Intermediate Certification Auth   | More Actions                           |  |  |  |  |  |  |
| > 🤤 Trusted Publishers  |  |  |  |  |  |  |  |
| > Chrusted Certificates   |  |  |  |  |  |  |  |
| > Intra-Party Kool Certification A  |  |  |  |  |  |  |  |
| > 🛅 Client Authentication Issuers   |  |  |  |  |  |  |  |
| > Cher People   |  |  |  |  |  |  |  |
| > Clocal NonRemovable Certificati   |  |  |  |  |  |  |  |
| > 🖀 McAfee Trust  |  |  |  |  |  |  |  |
| > Certificate Enrolment Requests  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
| Le magasin Trusted Root Certification Authorities contient 62 certificats.                                |  |  |  |  |  |  |  |
| Figure 36: I rusted root certificate  |  |  |  |  |  |  |  |

• Click on actions/certificates/All tasks/Import...

| Console1 - [Console Root\Certificats -  |   |                                      |                 |                     |         |              |    |                      |   |             |
|---|---|--------------------------------------|-----------------|---------------------|---------|--------------|----|----------------------|---|-------------|
| 🚟 File Action View Favourites Wi  | 🧧 File Action View Favourites Window Help |                                      |                 |                     |         |              |    |                      |   |             |
| 🗢 🔿 🙍 💼 📋 🔯 👼   |   |                                      |                 |                     |         |              |    |                      |   |             |
| Console Root  | Délivré à                                 | Délivré par                          | Date d'expirati | Rôles prévus        | Nc ^    | Actions      |    |                      |   |             |
| Certificats - Utilisateur actuel  |   | *.blubericontroller.com              | 2120-09-05      | <tout></tout>       | <۵      | Certificats  | -  |                      |   |             |
| > Personal  |   | *.blubericontroller.com              | 2120-09-05      | <tout></tout>       | <a></a> | More Actions | ۱. | All Tacks            |   | Importer    |
| Indition Authority Control Control Authority Control Contro | AAA Certificate Services                  | AAA Certificate Services             | 2028-12-31      | Client Authenticati | Sei     |              |    | All Tosks            |   | importeriii |
| Enterprise Trust  | 🔄 AddTrust External CA Root               | AddTrust External CA Root            | 2020-05-30      | Client Authenticati | Sei     |              |    | View                 | > |             |
| Interpret Tust  | Baltimore CyberTrust Root                 | Baltimore CyberTrust Root            | 2025-05-12      | Client Authenticati | Dig     |              |    | New Window from Here |   |             |
| Active Directory User Object  | Bluberi ROOT CA                           | Bluberi ROOT CA                      | 2039-11-21      | <tout></tout>       | < A >   |              |    | N. 7. 1. 117         |   |             |
| > Trusted Publishers  | Bluberi ROOT CA                           | Bluberi ROOT CA                      | 2039-11-21      | <tout></tout>       | <a></a> |              |    | New Taskpad View     |   |             |
| > C Untrusted Certificates  | 🔄 Certum CA                               | Certum CA                            | 2027-06-11      | Client Authenticati | Ce      |              |    | Refresh              |   |             |
| > iii Third-Party Root Certification A  | 🔄 Certum Trusted Network CA               | Certum Trusted Network CA            | 2029-12-31      | Client Authenticati | Ce      |              |    | Export List          |   |             |
| > 🚞 Trusted People  | 🔄 Class 3 Public Primary Certificat       | Class 3 Public Primary Certificatio  | 2028-08-01      | Client Authenticati | Vei     |              |    |                      |   |             |
| > 📔 Client Authentication Issuers   | COMODO RSA Certification Au               | COMODO RSA Certification Auth        | 2038-01-18      | <tout></tout>       | < A >   |              |    | Help                 |   |             |
| > 📫 Other People  | 🔄 Copyright (c) 1997 Microsoft C          | Copyright (c) 1997 Microsoft Corp.   | 1999-12-30      | Time Stamping       | Mi      |              | 1  |                      |   |             |
| > iii ISG Trust   | 🔄 DigiCert Assured ID Root CA             | DigiCert Assured ID Root CA          | 2031-11-09      | Client Authenticati | Diç     |              |    |                      |   |             |
| > Cocal NonRemovable Certificate  | 🔄 DigiCert Global Root CA                 | DigiCert Global Root CA              | 2031-11-09      | Client Authenticati | Dig     |              |    |                      |   |             |
| > 🦰 McAfee Trust  | 🔄 DigiCert Global Root G2                 | DigiCert Global Root G2              | 2038-01-15      | Client Authenticati | Dig     |              |    |                      |   |             |
| > Certificate Enrolment Requests  | DigiCert High Assurance EV Ro             | DigiCert High Assurance EV Root      | 2031-11-09      | Client Authenticati | Dig     |              |    |                      |   |             |
| > Smart Card Trusted Roots  | DST Root CA X3                            | DST Root CA X3                       | 2021-09-30      | Client Authenticati | DS      |              |    |                      |   |             |
|   | D-TRUST Root Class 3 CA 2 2009            | D-TRUST Root Class 3 CA 2 2009       | 2029-11-05      | Client Authenticati | D-'     |              |    |                      |   |             |
|   | 🔄 Entrust Root Certification Auth         | Entrust Root Certification Authority | 2026-11-27      | Client Authenticati | En      |              |    |                      |   |             |
|   | Entrust Root Certification Auth           | Entrust Root Certification Authori   | 2030-12-07      | Client Authenticati | En      |              |    |                      |   |             |
|   | Entrust.net Certification Author          | Entrust.net Certification Authority  | 2029-07-24      | Client Authenticati | En      |              |    |                      |   |             |
|   | 📮 ePKI Root Certification Authority       | ePKI Root Certification Authority    | 2034-12-19      | Client Authenticati | Ch      |              |    |                      |   |             |
|   | 🔄 ePKI Root Certification Authorit        | ePKI Root Certification Authority    | 2037-12-31      | Client Authenticati | eP 🗸    |              |    |                      |   |             |
| < >   | <   |                                      |                 |                     | >       |              |    |                      |   |             |
| Ajouter un certificat à un magasin  |   |                                      |                 |                     |         |              |    |                      |   |             |

Figure 37: Import Certificate



- Click on next.
- Click on browse and select the file blubericontroller.com.crt (provided by Bluberi).

| File t   | o Import   |   |  |   |       |  |  |
|--|--|---|--|---|-------|--|--|
|  | pecify the file you want to import.  |   |  |   |       |  |  |
|  | ile name:  |   |  |   |       |  |  |
|  | ne nome.   |   | Browse   |   |       |  |  |
|  | lote: More than one certificate car  | be stored in a single file in   | n the following forma                                      | ts:   |       |  |  |
|  | Personal Information Exchange-   | PKCS #12 (.PFX,.P12)  |  |   |       |  |  |
|  | Cryptographic Message Syntax S   | tandard- PKCS #7 Certific   | ates (.P7B)  |   |       |  |  |
|  | Microsoft Serialised Certificate St  | ore (.SST)  |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   |  |   |       |  |  |
|  |  |   | Next   | Cancel                                      |       |  |  |
| iaure  | 38. Browse f   | or cortifica  | to   |   |       |  |  |
|  |  |   |  |   |       |  |  |
| •  | Click on   | novt  |  |   |       |  |  |
| •  | Click on   | next.   |  |   | ~     |  |  |
| •  | Click on   | next.   |  |   | ×     |  |  |
| •  | Click on   | next.   |  |   | ×     |  |  |
| •<br>  | Click on   | next.   |  |   | ×     |  |  |
| •<br>  | Click on<br>Certificate Import Wizarc  | next.   |  |   | ×     |  |  |
| •<br>چي (  | Click on<br>Certificate Import Wizarc<br>tifficate Store<br>Certificate stores are system  | next.   | tes are kept.  |   | ×     |  |  |
| •<br>20<br>20<br>20  | Click on<br>Certificate Import Wizarc<br>tificate Store<br>Certificate stores are system<br>Windows can automatically s  | NEXT.   | tes are kept.<br>e, or you can spe                         | ofy a location for                          | ×     |  |  |
| •<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20  | Click on<br>certificate Import Wizarc<br>tificate Store<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.  | NEXT.   | tes are kept.<br>e, or you can spe                         | ofy a location for                          | ×     |  |  |
| •<br>20 20 (   | Click on<br>Certificate Import Wizarc<br>tificate Store<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.  | next.<br>areas where certifica<br>elect a certificate stor<br>certificate store base  | ites are kept.<br>e, or you can spe<br>sed on the type of  | offy a location for                         | ×<br> |  |  |
| •<br>20 20 10<br>Ce  | Click on<br>Certificate Import Wizarc<br>tifficate Store<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.<br>Automatically select tf<br>@ Elace all certificates in   | NEXT.<br>areas where certifica<br>elect a certificate stor<br>e certificate store bas<br>the following store                        | ites are kept.<br>e, or you can spe<br>sed on the type of  | ofy a location for                          | ×<br> |  |  |
| •<br>• 🛃 -   | Click on<br>Certificate Import Wizarc<br>tifficate Store<br>Certificate stores are system<br>Windows can automatically select th<br>O Automatically select th<br>O Automatically select th<br>O Place all certificates in<br>Certificate Store:  | NEXT.<br>areas where certifica<br>elect a certificate stor<br>e certificate store bas<br>the following store!                       | ites are kept.<br>e, or you can spe<br>sed on the type of  | ofy a location for<br>certificate           | ×     |  |  |
| •<br>2000 - | Click on<br>Certificate Import Wizarc<br>tifficate Store<br>Certificate stores are system<br>Windows can automatically select<br>the certificate.<br>Automatically select th<br>Diace all certificates in<br>Certificate store:<br>Trusted Root Certific                               | next.<br>areas where certifica<br>elect a certificate store<br>e certificate store bas<br>the following store<br>ation Authorities  | ites are kept.<br>e, or you can spe<br>sed on the type of  | ofy a location for<br>certificate           | ×     |  |  |
| •<br>Ce  | Click on<br>Certificate Import Wizarc<br>tifficate Store<br>Certificate stores are system<br>Windows can automatically select th<br>ertificate.<br>Automatically select th<br>@ Place all certificates in<br>Certificate store:<br>Trusted Root Certific                               | next.<br>areas where certifica<br>elect a certificate store<br>e certificate store bas<br>the following store<br>ation Authorities  | ites are kept.<br>e, or you can spe-<br>sed on the type of | ofy a location for<br>certificate           | ×     |  |  |
| •<br>ce  | Click on<br>Certificate Import Wizarc<br>tificate Store<br>Certificate stores are system<br>Windows can automatically set<br>the certificate.<br>Automatically select ti<br>Elace all certificates ion<br>Certificate store:<br>Trusted Root Certific                                  | Next.<br>areas where certificat<br>elect a certificate store<br>e certificate store bas<br>the following store<br>ation Authorities | ites are kept.<br>e, or you can spe<br>sed on the type of  | ofy a location for<br>certificate<br>Browse | ×     |  |  |
| •<br>  | Click on<br>Certificate Import Wizarc<br>trificate Store<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.<br>Automatically select th<br>© Place all certificates inn<br>Certificate store:<br>Trusted Root Certific                                 | NEXT.<br>areas where certificat<br>elect a certificate stor<br>e certificate store bass<br>the following store<br>aton Authorities  | ites are kept.<br>e, or you can spe<br>sed on the type of  | cify a location for<br>certificate          | ×     |  |  |
| •<br>Ce  | Click on<br>Certificate Import Wizarc<br>trificate Store<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.<br>Automatically select th<br>Place all certificates inn<br>Certificate store:<br>Trusted Root Certific                                   | NEXT.<br>areas where certificat<br>elect a certificate stor<br>e certificate store bass<br>the following store<br>aton Authorities  | ites are kept.<br>e, or you can spe<br>sed on the type of  | cify a location for<br>certificate          | ×     |  |  |
| •<br>:   | Click on<br>Certificate Import Wizarc<br>Hifficate Store<br>Certificate stores are system<br>Certificate stores are system<br>Windows can automatically s<br>the certificates in<br>Place all certificates in<br>Certificate store:<br>Trusted Root Certific                           | Next.<br>areas where certificat<br>elect a certificate stor<br>e certificate store bass<br>the following store<br>ation Authorities | ites are kept.<br>e, or you can spe-<br>sed on the type of | cify a location for<br>certificate          | ×     |  |  |
| •<br>ce  | Click on<br>Extificate Import Wizarc<br>trificate Store<br>Certificate stores are system<br>Certificate stores are system<br>Windows can automatically s<br>the certificate.<br>Automatically select th<br>Place all certificates in<br>Certificate store:<br>Trusted Root Certificate | NEXT.<br>areas where certifica<br>elect a certificate stor<br>e certificate store bass<br>the following store<br>ation Authorities  | ites are kept.<br>e, or you can spe-<br>sed on the type of | cify a location for<br>certificate          | ×     |  |  |
| •<br>. 2000<br>  | Click on<br>Extificate Import Wizarc<br>tifficate Store<br>Certificate stores are system<br>Windows can automatically site certificates.<br>Automatically select th<br>@ Place all certificates in<br>Certificate store:<br>Trusted Root Certific                                      | NEXT.<br>areas where certifica<br>elect a certificate stor<br>e certificate store bas<br>the following store<br>ation Authorities   | ites are kept.<br>e, or you can spe-<br>sed on the type of | cify a location for<br>certificate          | ×     |  |  |

Figure 39: Place certificate in store



#### Click on next

| ÷ | Certificate Import Wizarc              |  | × |
|---|--|--|---|
|   | Completing the Certific                | cate Import Wizard                     |   |
|   | The certificate will be imported after | you dick Finish.                       |   |
|   | You have specified the following set   | tings:                                 |   |
|   | Certificate Store Selected by User     | Trusted Root Certification Authorities |   |
|   | Content                                | Certificate                            |   |
|   |  |  |   |
|   | <                                      | >                                      |   |
|   |  |  |   |
|   |  | Finish Cance                           |   |

Figure 40: Completing Certificate Import

- Click on finished
- Click on ok, then the Bluberi certificate is installed.



# **11.4. Link the URL to the IP address of the controller**

The first step is to get the IP address of the PC. You can get it from an EGM connected on the progressive controller:

- Turn the Operator menu key
- Click on progressive Controller
- Click on Login
- Enter the credentials
- Click on system information
- Get the IP Address field value of the PC

# SYSTEM INFORMATION Operator menu / Progressive Controller / System Information IP Address = 172.16.11.23/255.255.255.0 from DHCP Firmware ID = 70E5EBB0 Program CRC16 = BBD9 Program MD5 = E63AB600C8076551AB2D95C07BA7D7A8 Board Serial Number = 000008D637C8 MAC Address = 00:17:40:01:00:AB OS = 2.2.71d BIOS = 5.12 Program Name = Progressive Controller Program Version = 2.1.1 Reset = HARD RESET (0x0000C400), Rst=0x00

Figure 41: System information.

- Open the file c:\windows\system32\drivers\etc\hosts using notepad on the computer that run the web browser.
- Add the following line to the hosts file: 172.16.11.23 1.blubericontroller.com
  - o 172.16.11.23 : is the PC IP address that you get from last step.
  - 1.blubericontroller.com: Is the URL to access the PC

\*.blubericontroller.com:

The \* can be replaced by anything. On that way we can add many PC address to the hosts file.

• You can now access the PC from the web browser using the URL: 1.blubericontroller.com



# 12. **PC Web page:**

## 12.1. Login:

• The same credentials are uses to access the PC from EGM or from the Web page.

# 12.2. Status:

- The status page is used to report the events and "can't play" conditions reported by the progressive controller.
- The refresh button is used to refresh the controller status.
- The clear error button can be used to clear the events that can be cleared.

# **12.3. Progressives Groups:**

#### 12.3.1. Add groups:

- Add Group of progressives.
- 12.3.1.1. Group Name:
  - Name of the progressive group.

#### 12.3.1.2. Number of levels:

• Number of progressive levels that are members of this progressive group.

#### 12.3.2. <u>Remove Group:</u>

• Remove group of progressives.

#### 12.3.3. Level Configuration:

- Value: Current value of the progressive.
- Base: Value that the progressive will reset on the next win.
- Contribution %: Contribution % of the bet that is added to the progressive.
- Maximum Amount For Contribution: Maximum bet that an EGM can sent to this progressive level.
- Limit: Maximum value for the progressive. The excess money will be added to the overflow.
- Reserve: Current value of the reserve. This amount will be transfer to the value on the next win.
- Reserve Contribution %: Contribution % of the bet that is added to the reserve.



- Overflow enable: Enable or disable the transfer of the overflow to the value on the next win.
- Overflow: Current value of the overflow. If enabled, this amount will be transferred to the value on the next win.





# 12.4. Reports:

On each page of the report, the controller software version, date of the report and page number is displayed.

#### 12.4.1. <u>Summary</u>

This page includes the following information:

- A list of the EGM connected on the controller, and a list of progressives linked to each EGM.
- For each Progressive Group:
- Name of the group
  - Group ID
    - For each level of progressives:
      - Level
      - ID
      - % contribution
      - Value
      - Overflow
      - Base
      - Limit
      - Reserve contribution
      - Reserve
      - Reset value

#### 12.4.2. <u>Meters</u>

This page includes the following meters for each progressive level:

- Number of wins: Total number of wins.
- Total win: Addition of all win.
- Min Win: Minimum value win for this progressive level.
- Max win amount: Maximum value win for the progressive level.
- Contribution: Total contribution to the Progressive value.
- Reserve: Total contribution to the reserve.
- Overflow: Total contribution to the Overflow.

#### 12.4.3. Progressive Wins:

For each progressive level on the controller, the page includes the following information:

- A list of the 32 latest wins, each entry includes the following information:
  - Sequence: Sequence ID of the win.
  - Datetime: Timestamp of the win event.
  - Amount: Amount win.
  - Dallas Key: Dallas key of the EGM that win the progressive.
  - Asset No.: Asset number of the EGM.



#### 12.4.4. Events:

The event report contains the list of events that happens on the controller, for each event, the following information is available:

- Name: Name of the event.
- Quantity: Number of occurrences of the event.
- Last occurrence: Time stamp of the last occurrence of the event.

#### 12.4.5. Credentials:

For each user, the following information is available:

- Username: username used for login.
- Full Name: Full name of the user
- Title: Job title of the user.
- Account Lock status: locked or unlocked.
- Account creation date: Account creation date.
- Last login date: Last login date.
- Date of last password change: Date of last password change.
- Password expiration date: Password expiration date.
- Group Membership: List of the user groups that the user is member of.
- Permissions: A list of the permissions allowed to this user.

#### 12.4.6. Current Values:

The current value report contains the following information for each progressive:

- Group: Progressive group name.
- Level: Progressive level in the current group.
- ID: Progressive Unique ID.
- Value: Current value of the progressive.
- Overflow: Current value of the progressive Overflow
- Reserve: Current value of the Reserve.



# 12.5. Logs:

#### 12.5.1. Event:

• Each entry in the event log contains a timestamp and a description of the Event.

#### 12.5.2. Ethernet:

• Each entry of the ethernet log contains a timestamp and a description of the event related to Ethernet communication link.

#### 12.5.3. Progressive Controller:

• Each entry in this log contains a timestamp and a description of the event that happens in the progressive controller.

#### 12.5.4. System Reset:

• Each entry in this log contains a timestamp and a description of some information logged at system reset.

#### 12.5.5. <u>ConfigIni:</u>

• This log contains information about some configuration point of the progressive controller.

#### 12.6. User management:

#### 12.6.1. User Groups

- Add Group:
  - Group Name: Name of the user group.
  - Permissions: Configure permissions for each group. The permissions available are the following:
    - System config: Allow access to system configuration
    - Progressives config.: Allow access to progressive configuration.
    - Credentials config.: Allow access to User management.
    - System information: Allow access to system information.
    - Verification numbers: Allow access to verification numbers menu.
    - All reports: Allow access to all report available in the system.
    - Summary report: Allow access to summary report.
    - Meters report: Allow access to Meters reports.
    - Progressive Wins report: Allow access to Wins report.
    - Events report: Allow access to Events report.
    - Credentials report: Allow access to Credentials report.
    - Current values report: Allow access to Current values report.
    - All logs: Allow access to all Logs.
    - Event log: Allow access to Event log.
    - Ethernet log: Allow access to Ethernet log.
    - Prog. ctrl log: Allow Access to Prog. ctrl log.
    - System reset log: Allow Access to System reset log.



ConfigIni log: Allow Access to ConfigIni log.

#### 12.6.2. <u>Remove:</u>

• Click on remove at the right of the group name to remove a user group.

#### 12.6.3. <u>Users</u>

- Full Name: User Full name
- Employee Title: Set user job title
- Locked: Lock or unlock a user account
- Groups: Select user groups that the user is member of.
- Change password: Change password of the selected user.

#### 12.6.4. Locked Users:

• This menu allowed to see which user account are locked, and to unlock it.

#### 12.7. System:

#### 12.7.1. Configurations:

- UDPPort: Specify the UDB broadcast port number that the PC will use to detect the EGM's.
- DateTime: Set the controller's date and time.
- TimeZoneHours: Set the Timezone hours.
- TimeZoneMinutes: Set the Timezone minutes.
- DayLightSaving: Enable or disable the Daylight saving time.
- BackupTime: Set the time for the daily backup.
- RamClear: Trig a PC Ram clear, the PC will reboot after this operation.
- RestoreConfigFromSecondaryDisk: Restore the selected backup from the secondary disk, this operation can be done only after a Ram Clear.
- InactivityTimeout: Set the web page inactivity timeout. If a user is logged in and did not perform any action during this delay, the user will be logged out.
- ExportData: Ask to the PC a snapshot of the current PC configurations.
- ExportBackup: Ask to the PC a copy of the selected backup.
- ImportBackup: Import a backup file to the PC, this operation can be done only after a Ram Clear.



#### 12.7.2. System information

This page includes the following information:

- IP Address: IP address of the PC.
- Firmware ID: Firmware ID of the PC software
- Program CRC16: CRC of the PC application
- Program MD5: MD5 of the PC application.
- Board Serial Number: Board serial number.
- MAC address: Mac address of the PC.
- OS version: OS version.
- Bios Version: BIOS version.
- Program Name: Program Name.
- Program Version: Program Version.
- Reset: Last reset status

#### 12.7.3. Verification Numbers

- Firmware ID: Firmware ID of PC.
- BIOS: Computed SHA1 signature of the Bios
- EFI Partition: Computed SHA1 signature of the EFI partition.
- OS Partition: Computed SHA1 signature of the OS partition.
- FS partition: Computed SHA1 signature of the PC partition.

#### 12.8. Account:

#### 12.8.1. Change password:

• Change password of the current user

#### 12.8.2. Log Out:

• Logout from web interface.



# 13. Behavior on progressive configuration

- An error message will appear on all EGMs that are linked on the progressive if any progressive settings are modified.
- The new progressive settings are sent to all machines that are linked on this progressive.
- The EGM validate that the base value of the progressive match with the math configuration of the game, otherwise a "can't play" message will appear on the EGM. This validation is made in the connection process of the EGM to the PC, and when the progressives configurations changes.

# 14. **Progressives operations:**

#### **Contributions:**

When the progressive value is < limit:

When a GM bet:

- $\circ~$  The (Contribution % \* bet) is added to the progressive value.
- The (Reserve Contribution % \* bet) is added to the reserve.

If the progressive value = Limit:

When a GM bet:

- $\circ$  the (Contribution % \* bet) is added to the overflow value.
- the (Reserve Contribution % \*bet) is added to the reserve.

#### When a progressive is win:

The progressive value is sent the EGM. OverflowToAdd = 0

IF Overflow Enable OverflowToAdd = overflow ENDIF

```
IF (Base + Reserve + OverflowToAdd) < limit
    Value = Base + Reserve + OverflowToAdd
    Reserve = 0
    IF Overflow Enable
    Overflow = 0
    ENDIF
ENDIF
IF (Base + Reserve + OverflowToAdd) > limit
    Value = limit
    Overflow = (Base + Reserve + OverflowToAdd - limit)
    Reserve = 0
```



# 15. Ethernet controller limitations

- The total number of progressives is limited to 500
- The maximum number of groups is 83.
- The maximum number of machines allowed is 50.

# 16. Recover access to the PC when administrator lost credentials or administrator account is locked:

If the administrator lost their password or lock their account, it is possible to contact the Bluberi support to recover the access to the controller.

Here are the steps to follow:

- Turn the operator menu key of an EGM that is linked to the PC.
- Click on Progressive controller
- Click on Access code



The Access code window will appear:

Figure 42: Access code

- Call the Bluberi technical support, tell them the ICUF NO and the FIRM ID, they will provide you the Access code numbers.
- Enter the access code, then click on OK.
- Now you will have access to the credentials menu that allow you to modify the password of your account, or to unlock it.



## 17. How to restore a progressive controller

The situation may happen that a progressive controller shall be replaced by a new one. In that case we can import the configuration of the old progressive controller that is saved daily on the second CFast of the progressive controller. It is possible to make this replacement without any need to ram clear all the EGM that was connected on the previous progressive controller.

#### 17.1. Step to setup the new progressive controller

- Connect the second CFast of the old progressive controller in the CFAST#2 connector of the new board.
- Run the following step (previous sections of the documents):
  - 5. Ram clear.
  - o 6. Install CFast on progressive controller board.
  - 7. EGM and PC configuration steps.
  - 8. PC configuration from EGM terminal.
  - Connect on the controller web page using a web browser.
    - Using the controller ip address eg: "172.16.11.23"
    - Or Using 1.blubericontroller.com, if the step "Computer configuration to access PC Web page" was done on your computer.
- Login using "ctrladm" username, and password configured in previous steps.
- Click on configuration.
- Click on RestoreConfigFromSecondaryDisk.
- Select the backup you want to restore from the "Backup List".

| $\leftarrow$ $\rightarrow$ C $\triangleq$ 1.blubericon | ntroller.com/SystemConfiguration |          |           |             |             |              |       |  |  | <b>o</b> , Q | 6 ☆    | *     | -       |
|--|----------------------------------|----------|-----------|-------------|-------------|--------------|-------|--|--|--------------|--------|-------|---------|
| bluberi  | Bluberi Progressive Controller   |          |           |             |             |              | - 1 C |  |  | . P          | og Out | © 201 | 17-2021 |
| 🖨 Status   | *                                |          |           | Backups Lis | t           |              | ×     |  |  |              |        |       |         |
| \$ Progressive Groups                                  | System Configurat                | ions     |           | Radius id   | Data R Tima | ID Addrose   |       |  |  |              |        |       |         |
| Reports  | UDPPort 57400                    | ິຄ       |           | 1           | 12/14/2021  | 172.16.11.21 |       |  |  |              |        |       |         |
| Summary  | Min: 1024 Max: 64997             |          |           | _           | 25.55.00    |              | _     |  |  |              |        |       |         |
| Progressive Wins                                       | DateTime 12/15/2021              | 09:24 AM | Q         |             |             |              |       |  |  |              |        |       |         |
| Events   |                                  |          |           |             |             |              |       |  |  |              |        |       |         |
| Credentials  | TimeZoneHours -5                 | 0        |           |             |             |              |       |  |  |              |        |       |         |
| Current Values   | Mirc - 12 Max 13                 |          |           |             |             |              |       |  |  |              |        |       |         |
| Te Logs  | TimeZoneMinutes 0                | 0        |           |             |             |              |       |  |  |              |        |       |         |
| Event  | Min: 0 Max: 59                   |          |           |             |             |              |       |  |  |              |        |       |         |
| Progressive Controller                                 | DayLightSaving 🖸 🚱               |          |           |             |             |              |       |  |  |              |        |       |         |
| System Reset   |                                  |          |           |             |             |              |       |  |  |              |        |       |         |
| ConfigIni  | BackupTime 11:59 PM              | 0        |           |             |             |              |       |  |  |              |        |       |         |
| Luser Management                                       | RamClear                         |          |           |             |             |              |       |  |  |              |        |       |         |
| User Groups  |                                  |          |           |             |             |              |       |  |  |              |        |       |         |
| Locked Users   | RestoreConfigFromSecondaryD      | Nisk 😧   |           |             |             |              |       |  |  |              |        |       |         |
| Let System   | InactivityTimeout 5              | 0        |           |             |             |              |       |  |  |              |        |       |         |
| Configurations   | Min: 1 Max: 10                   |          |           |             |             |              |       |  |  |              |        |       |         |
| Information  |                                  |          |           |             |             |              |       |  |  |              |        |       |         |
| Verification Numbers                                   | Export                           |          |           |             |             |              |       |  |  |              |        |       |         |
| S Account  | Export Data Export Backup        |          |           |             |             |              |       |  |  |              |        |       |         |
|  | Import                           |          | _         | _           |             |              |       |  |  |              |        |       |         |
|  | Choisir un fichier Aucun fichier | choisi   | Import Ba | :kup        |             |              |       |  |  |              |        |       |         |
|  |                                  |          |           |             |             |              |       |  |  |              |        |       |         |
|  |                                  |          |           |             |             |              |       |  |  |              |        |       |         |

Figure 43: Restore progressive controller configuration.



- Your new controller is now up and running with the configuration of the previous controller.
- No need to Ram clear any games connected on the controller.

# 18. Backup/Restore a controller on demand

#### 18.1. Get live backup

It's possible to backup the entire controller configuration and download that configuration from the web page. This can be useful if a casino technician wants to keep a backup of the entire controller after an installation. This backup can be used later to restore a progressive controller configuration.

• To get a real time snapshot of the controller configuration, login on the controller web page, click on System, Configurations, Export Data.



• The progressive controller backup will be downloaded from the progressive controller.





# 18.2. Get daily backup configuration

- To get a daily backup of the controller configuration, login on the controller web page, click on System, Configurations, Export Backup.
- Click on the backup that you want to download from the backup list.

| ← → C 🔒 1.blubericont  | roller.com/SystemConfiguration       |                  |             |              |   | 🕶 Q 🖄 🚖 😩 🗄         |
|------------------------|--------------------------------------|------------------|-------------|--------------|---|---------------------|
| bluberi                | Bluberi Progressive Controller       |                  |             |              |   | Log Out © 2017-2021 |
| 😭 Status               | Min: 1024 Max: 64997                 | Backups List     |             |              | ^ | •                   |
| \$ Progressive Groups  |                                      | Backup id        | Date & Time | IP Address   |   |                     |
| Reports                | DateTime 12/15/2021                  | 1                | 12/14/2021  | 172.16.11.21 |   |                     |
| Summary                | The Transform                        | 0                | 23.39.00    |              | _ |                     |
| Meters                 | TimezoneHours -5                     | •                |             |              |   |                     |
| Progressive Wins       | Min: -12 Max: 13                     |                  |             |              |   |                     |
| Events                 | TimeZoneMinutes 0                    | 0                |             |              |   |                     |
| Credentials            | Min: 0 Max: 59                       |                  |             |              |   |                     |
| Current Values         | DavLightSaving 🔽 🙆                   |                  |             |              |   |                     |
| 🐂 Logs                 |                                      |                  |             |              |   |                     |
| Event                  | BackupTime 11:59 PM                  | 0                |             |              |   |                     |
| Ethernet               |                                      |                  |             |              |   |                     |
| Progressive Controller | RamClear 😯                           |                  |             |              |   |                     |
| System Reset           |                                      |                  |             |              |   |                     |
| Configlni              | RestoreConfigFromSecondaryDisk       | 0                |             |              |   |                     |
| Ser Management         |                                      |                  |             |              |   |                     |
| User Groups            | InactivityTimeout 5                  | Ø                |             |              |   |                     |
| Users                  | Min: 1 Max 10                        |                  |             |              |   |                     |
| Locked Users           | -                                    |                  |             |              |   |                     |
| 🗠 System               | Export                               |                  |             |              |   |                     |
| Configurations         | Export Data Export Backup            |                  |             |              |   |                     |
| Information            | Import                               |                  |             |              |   |                     |
| Verification Numbers   | Choisir un fichier Aucun fichier cho | isi Import Backı | ip and      |              |   |                     |
| 📚 Account 👻            |                                      |                  |             |              |   |                     |

Figure 45: Export Backup.



# 18.3. Restore controller by uploading a backup file

- Run the following step:
  - o 5. Ram clear
  - o 6. Install CFast on progressive controller board
  - 7. EGM and PC configuration steps
  - 8. PC configuration from EGM terminal
  - Connect on the controller web page using a web browser
    - Using the controller ip address eg: "172.16.11.23"
    - Or Using 1.blubericontroller.com, if the step "Computer configuration to access PC Web page" was done on your computer.
- Login using "ctrladm" username, and configured password.
- Click on Configurations, choose file.
- Select the backup file from your disk.
- Then click on Import Backup.

| $\leftarrow$ $\rightarrow$ $C$ $\triangle$ https://                      | /1.blubericontroller.com/SystemConfiguration  |               | D to the Not syncing |
|--|---|---------------|----------------------|
| bluberi  | Bluberi Progressive Controller  |               | Log Out © 2017-20    |
| Status Fragressive Groups Reports Summary Meters Progressive Wins Events | System Configurations           UDPPort         57400           Mir: 1024 Marc 64997           DateTime         12/15/2021         11:40 AM | θ             |                      |
| Credentials<br>Current Values  | TimeZoneHours -5  |               |                      |
| ₩ Logs<br>Event<br>Ethernet  | TimeZoneMinutes 0<br>Min: 0 Max: 59   |               |                      |
| Progressive Controller<br>System Reset<br>ConfigIni                      | DayLightSaving 🛛 🚱<br>BackupTime 11:59 PM   |               |                      |
| User Management<br>User Groups<br>Users                                  | RamClear  |               |                      |
| Locked Users Let System Configurations Information                       | InactivityTimeout 5   |               |                      |
| Verification Numbers<br>S Account  | Export<br>Export Data Export Backup   |               |                      |
|  | Import<br>Choose File No file chosen  | Import Backup |                      |
| Einen 40. Inc  |   |               |                      |

- Figure 46: Import backup.
  - The progressive controller configuration is now restored from the backup file.



#### 19. Link different Game titles to the same progressives:

The progressives of some of the games that was designed previously on "Progressive" point of view are compatibles and can be linked together, but the automatic link will not link them together. The Automatic link for theses older games will create a new set of progressives for each game title.

This is the case for the following games:

SP-BLUS-SUPER-LIGHTNIN-SPIN 1·0·1 - FECD7B6C SP-BLUS-HIGHBORN-DRAGON 1·2·1 - C738201B SP-BLUS-MAJESTIC-PHOENIX 1·2·0 - B58C52B3 SP-BLUS-ETERNAL-GODDESS 1·0·1 - AB222338 SP-BLUS-SUPER-FLAMIN-SPIN 1·0·0 - 258011CD SP-BLUS-ROYAL-BENGAL 1·0·0 - AF8B82D2

If there is a need to link the progressive of theses games to the progressives of another "progressive" compatible game, it is always possible to do it by using the procedure describe in the section: "Link the progressive levels to the game progressives."

The "Automatic link" of the games that was released after theses games, will create the progressive group on the controller on a way that other "Progressive" compatibles game will be able to link to it using the automatic link.

#### 20. Glossary

PC: Progressive controller



#### **Contact Us**

If you have any question, comment or feedback, please use the contact details provided below.

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