

## Real Time Cloud Service New User Setup Guide

### General Information

Thank you for your interest in Maretron's Real Time Cloud Services!

Maretron Real Time Cloud Service allows you to remotely and seamlessly connect to your vessel's NMEA 2000® network using [N2KView®](#) and [N2KView®-Mobile](#) software, so you can monitor & control your vessel from anywhere in the world.

### Required Components

- IPG100 - Network Gateway
- Internet Connection (Provided by user)
- Windows PC (7 or newer) for setup

### PC Downloads

- [N2KAnalyzer](#)
- [N2KView](#)

### Mobile Downloads (Apple / Android)

- [N2KView Mobile](#)



### Procedure

1. Create a new account by visiting <https://rtcs.maretron.com/signUp.php>.

- a. First Name
- b. Last Name
- c. Email Address
- d. User Name

*This will be the name of your vessel / connection that will be used for N2KView & N2KView Mobile login*

- i. **All lowercase**
  - ii. **Numbers are acceptable**
  - iii. **Supported special characters @ ! / . - \_ (space), but not as the 1<sup>st</sup> character**
- e. Key No.

- i. IPG100 w/no N2KView License Key = IPG100 Serial Number **162xxxx**



- ii. IPG100 w/ N2KView License Key = N2KView Key Number **xxxx**



2. Agree to End User's License Agreement by scrolling to the bottom, checking the box and pressing **Continue**.

- [illegible]

- # Maretron Real Time Cloud Service

[All Users](#)[Create User](#)[Logout](#)

## Set Password

Email Address:

New Password:

Confirm Password:

[Continue](#)

- MARETRON Real Time Cloud Service**

Your account has been created, and the password set.

To activate the account, please login and select the data plan that best suits your purpose.

If you have any questions, we'd love to help. Please contact us by email at [marine.support@carlingtech.com](mailto:marine.support@carlingtech.com) or by phone at +1 (602) 961-1707.

[Login](#)

6. Using your account **User Name** and **Password**, please log into your account.

The screenshot shows the 'Maretron Real Time Cloud Service' login interface. It features a blue header with the service name. Below the header, there is a 'Sign Up' button. The main section is titled 'Log In' and contains a form with two input fields: 'User Name' (containing 'vessel') and 'Password' (containing '\*\*\*\*\*'). To the right of these fields are links for 'Forgot User Name' and 'Reset Password'. A 'Log In' button is positioned below the password field.

7. Select the type of Subscription service desired
- 3-Month (90 Day) Trial
  - 1 Year

The screenshot displays the user profile page for 'User vessel:'. It includes a navigation bar with 'Home', 'Edit', 'Reset Password', and 'Logout' buttons. The profile details are listed as follows:

|                      |                         |
|----------------------|-------------------------|
| First Name:          | Maretron                |
| Last Name:           | Support                 |
| Email Address:       | Support@Maretron.com    |
| User Name:           | vessel                  |
| Key :                | 1620000                 |
| No of Failed Logins: | 0                       |
| Last login at:       | 2025-01-27 20:27:55 UTC |

Below the profile details, there is a 'Buy 1 Year Subscription' button. A message states: 'Due to the coronavirus pandemic, Maretron has extended the Free Trial period to 3 months, so that your boat can be monitored remotely, without the need to physically travel.' At the bottom, there is a 'Sign up for Free 3-Month Trial' button.

8. Your RTCS profile setup is complete!

This screenshot shows the user profile page with additional subscription information. The navigation bar and profile details are the same as in the previous screenshot. The subscription details are as follows:

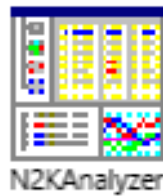
|                        |  |
|------------------------|--|
| First Name:            | Maretron                               |
| Last Name:             | Support                                |
| Email Address:         | Support@Maretron.com                   |
| User Name:             | vessel                                 |
| Key :                  | 1620000                                |
| Start Date:            | 2025-01-27                             |
| Expiry Date:           | 2025-04-28                             |
| Usage:                 | 0 GBytes / 25 GBytes since 2025-01-27* |
| No of Failed Logins:   | 0                                      |
| Last login at:         | 2025-01-27 20:27:55 UTC                |
| Data Last Received at: | 0000-00-00 00:00:00 UTC                |

A footnote at the bottom states: '\*The usage measurement is measured at the Real Time Cloud Service and may not correspond with that measured by your service provider.'

9. The next step is to enable the Cloud Services on your IPG100 gateway.

\*This requires you to be onboard the vessel, connecting with a Windows PC to the vessel's network.

10. Launch N2KAnalyzer on your PC.



11. Connect to your IPG100 network gateway.  
This will populate a list of all NMEA 2000® connected devices.



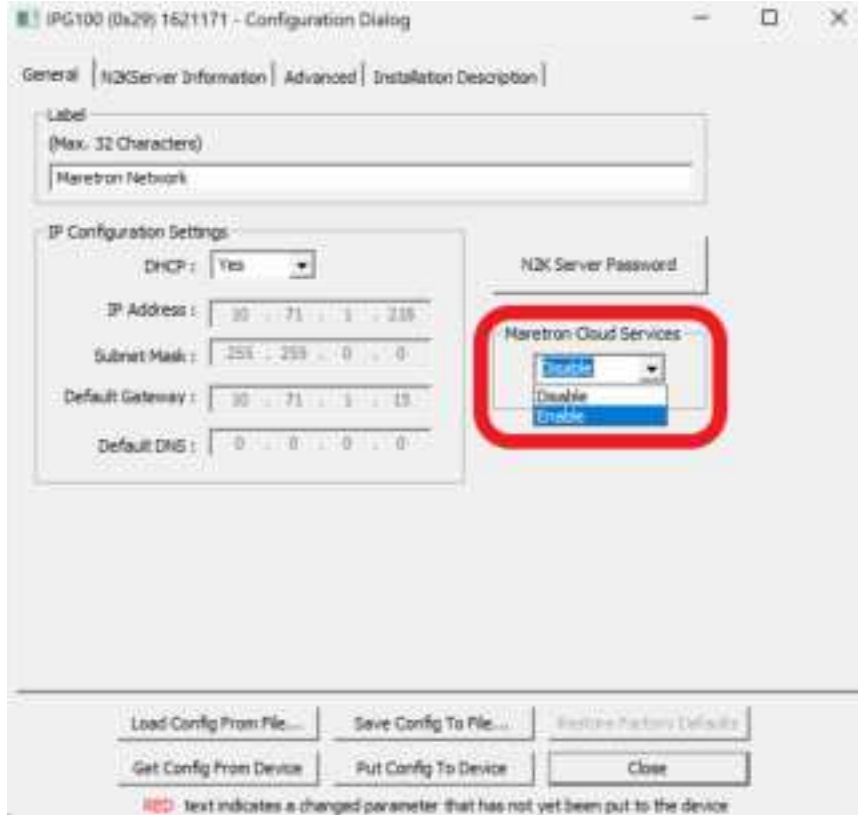
12. Locate and select your IPG100 on your NMEA 2000® network, should be listed in **Blue** text.



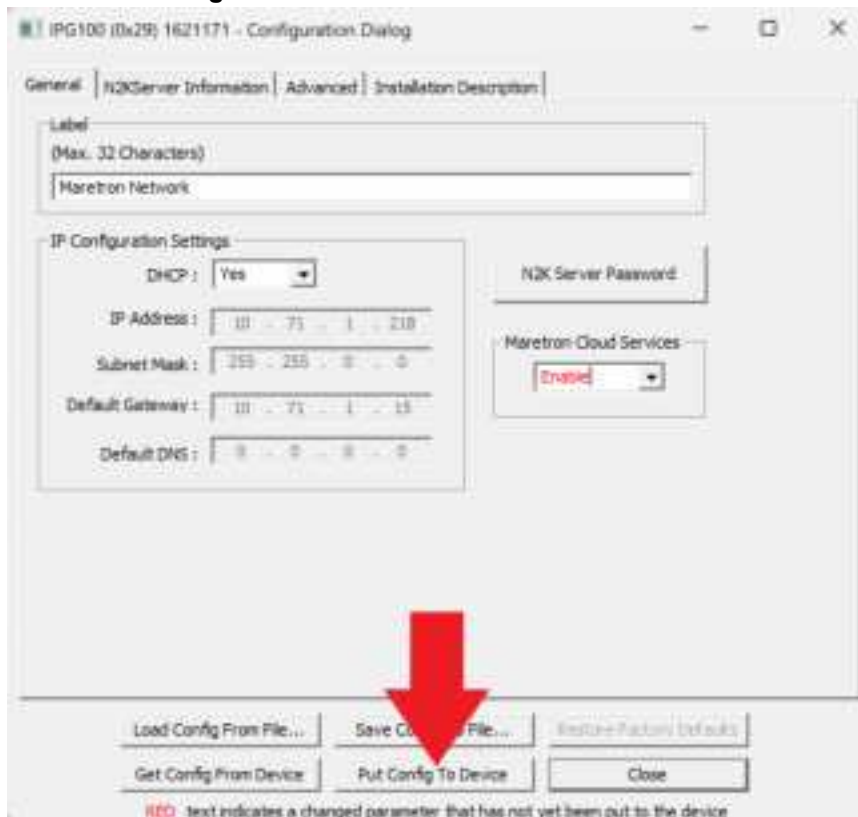
13. Right-click on IPG100 and select **Configure Device**.



14. Under the General tab, locate the section labeled Maretron Cloud Services, set the status to **Enable**.



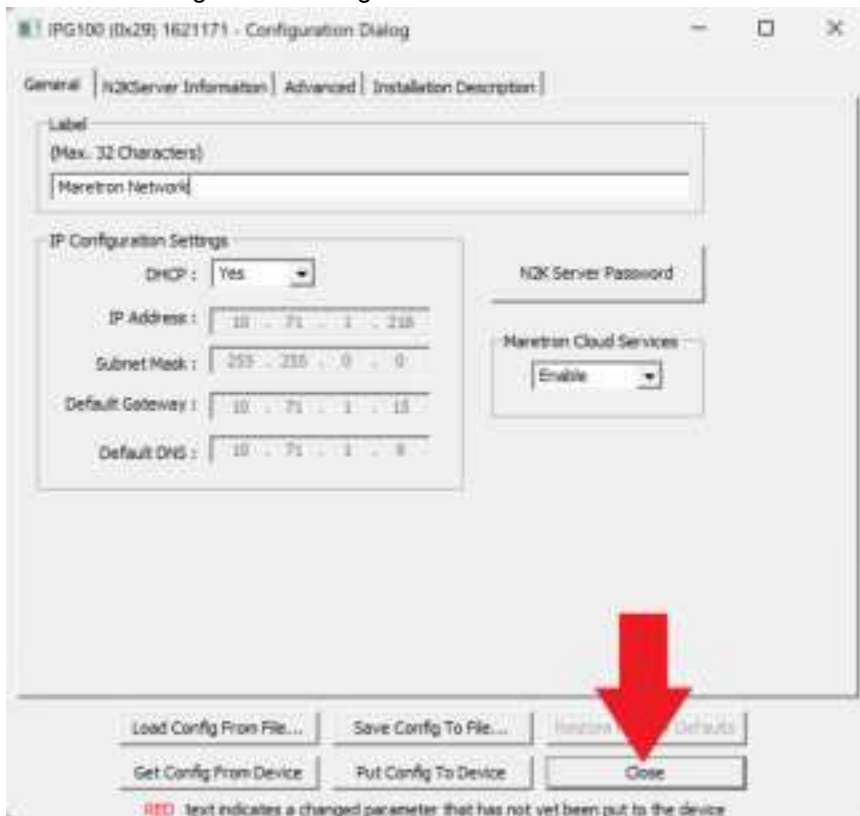
15. Press **Put Config to Device**.



16. Close the Window to confirm the settings have been applied by pressing **OK**.



17. **Close** the Configuration Dialog box.



18. Your cloud connection setup is complete!

Please verify your internet connection and validate the account using your PC or Mobile Device to run N2KView.

**\*\* NOTES \*\***

N2KView Mobile (Android or Apple), connecting via local LAN or Cloud, the user will need to obtain a configuration file from the IPG100.

Please refer to the following guides for additional support:

- Uploading and managing stored N2KView Configurations on the IPG100 via PC, MBB or TSM.
  - o <https://www.maretron.com/wp-content/phpkbv95/article.php?id=704>
- Downloading an N2KView Configuration from IPG100 to Mobile Device (Android / Apple)
  - o <https://www.maretron.com/wp-content/phpkbv95/article.php?id=655>

For installation support, please contact:

**Maretron**  
**120 Intracoastal Pointe Dr.**  
**Jupiter, FL 33477**  
**USA**  
**Toll Free: +1 (866) 550-9100**  
**Phone: +1 (602) 861-1707**  
**[support@maretron.com](mailto:support@maretron.com)**  
**[www.maretron.com](http://www.maretron.com)**