

APPLICATION NOTE

Starting with EticDISPLAY

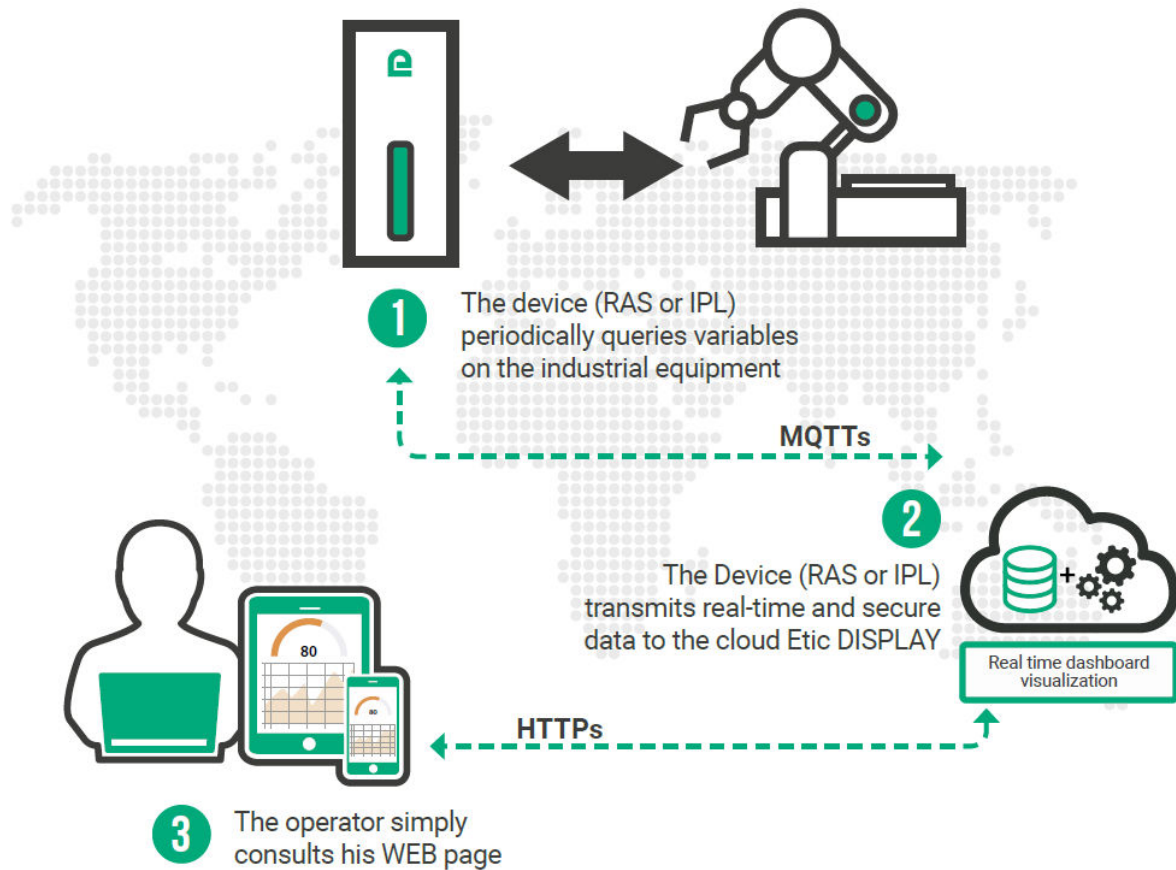
- The EticDISPLAY solution
- EticDISPLAY activation for the Etic Telecom Box
- Configuration of data sharing system on the Etic Telecom Box
- Activation of your EticDISPLAY organization
- Presentation of the EticDISPLAY page editor and viewer
- Hot line support during your test
- Virtual Showroom

Last update **03/04/2019**

1) THE ETIC DISPLAY SOLUTION

This software option of RAS or IPL boxes allows the collection and the display of industrial data from a client customized dashboard.

The dashboard can be easily consulted on the internet from a PC, a tablet or a smartphone.



The EticDISPLAY solution can be started in 4 steps:

- Activation of the EticDISPLAY solution for the Etic Telecom Box on your customer area
- Configuration of data sharing system on the Etic Telecom Box
- Activation of your EticDISPLAY organization
- Create your data visualization page

2) ACTIVATION OF THE ETICDISPLAY SOLUTION ON THE ETIC TELECOM BOX

The EticDISPLAY option is activated from your customer space of the Etic Telecom WEB site.
You need to:

1. create your customer area
2. create the remote site corresponding to the box (IPL or RAS) which will carry the EticDISPLAY option
3. add the option to the Etic Telecom box.

Creation of your customer area

Log on to www.etictelcom.com and create your own customer area (click on "sign up now"). Fill out the form (all fields marked in green are mandatory).

THE BENEFITS OF AN ETIC TELECOM ACCOUNT

- Simple visualization of your connected remote sites.
- Access to additional options (SMS alert, M2Me function ...).
- Crediting SMS in the Machine Access Box or the router (RAS / IPL).
- M2Me client activation on the M2Me server.

The screenshot shows a web form titled "ACCOUNT CREATION" with a green header. The form contains several input fields: "Company", "You are..." (a dropdown menu), "Web site", "Last name", "First name", "Function", "E-mail address", "Phone number", "Password", and another "Password" field. The "Last name", "First name", "E-mail address", and both "Password" fields have green borders, indicating they are mandatory. Below the password fields, there is a note "At least 8 characters". There are two checkboxes: one checked checkbox with the text "I want to receive the last information concerning the Etic Telecom products" and one unchecked checkbox with the text "I'm not a robot". To the right of the unchecked checkbox is a CAPTCHA image showing the word "WCAPTCHA" and the text "Image" and "Terms". At the bottom of the form is a large yellow button labeled "Sign up".

A message will be sent to the registered email address to finalize the creation of your account.

Creation of a remote site

From your customer area (Site Management section), create a remote site by naming it and enter the product key of the Machine Access Box (RAS). The product key is visible from the "About" section of the configuration menu of the Etic Telecom box (RAS or IPL).

The screenshot shows the 'CUSTOMER AREA' interface with a 'NEW SITE' modal open. The modal has two input fields: 'Create a new site' with the value 'Demo', and 'Product key' with the value 'Fee48ee8-C09a-4934-9164-5C876c90e58a'. There are 'CANCEL' and 'ADD' buttons at the bottom right of the modal.

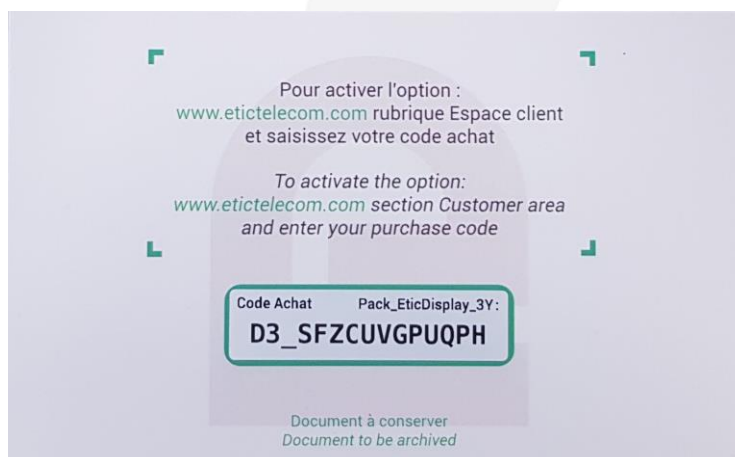
Activation of the EticDISPLAY option on the Etic Telecom box

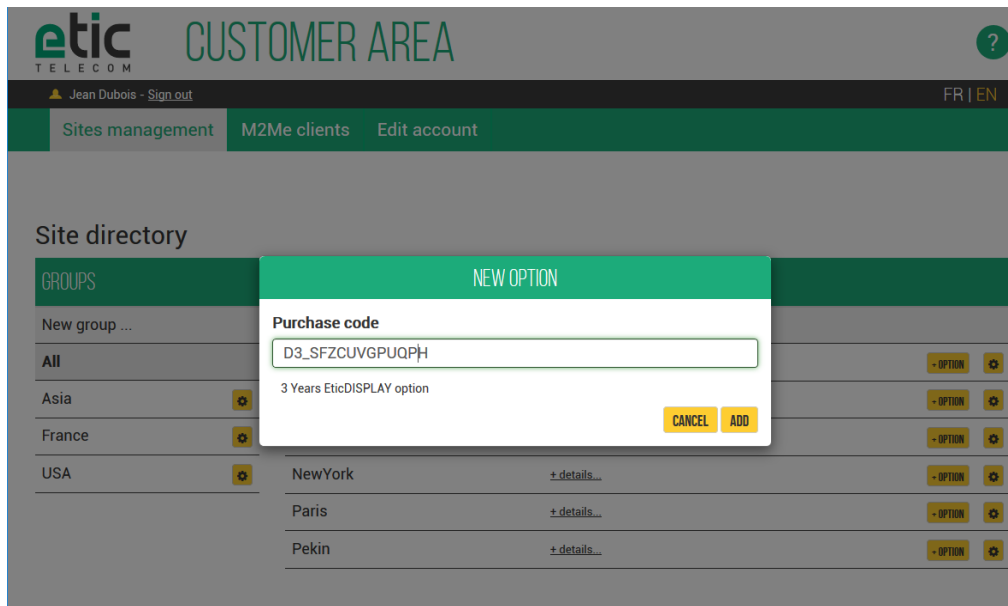
Choose from the site directory of your customer area the site that will have the option EticDISPLAY and click on "+OPTION".

Site directory

GROUPS	ALL SITES
New group ...	New site ...
All	
	Demo + details... - OPTION
	démo GPS + details... - OPTION
	RAS-EW-100 + details... - OPTION
	Valise de DEMO + details... - OPTION

Enter the purchase code corresponding to the option you bought. (See diagram below).





After validation, your box has the right to transmit data to the EticDISPLAY cloud for 1 year, 2 years, 3 years or 5 years depending on the purchase code you bought.

3) CONFIGURATION OF DATA SHARING SYSTEM ON THE ETIC TELECOM BOX

On the configuration page Setup > System > Datalogger > MQTT

- **Target:** choose EticDISPLAY
- **Organization ID:** see §4
- **Publication period:** The variables are pushed to the EticDisplay periodically
- Choose the variables you want to publish.



IPL-C-400-LE
Demonstration

Documentation | EN | FR

Home

Setup

- WAN interface
- LAN Interface
- Remote access
- Network
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- Serial gateways
- System
 - Datalogger
 - Data acquisition
 - Data sharing
 - MQTT
 - Messaging
 - SMS/e-mail
 - Output
 - Date and time settings
 - Periodical reboot
 - Service list
 - Syslog
 - SNMP
- GPS
- Diagnostics
- Maintenance
- About

Alert & Display

> Home > Setup > System > Datalogger > MQTT

SaveCancel

Enable☒

TargetETIC Display

Organization IDetic_telecom_123456789

Publication period (seconds)60(10 to 600, step 1)

Send message only if a value has changed☐

Variables to publish

☐ Niveau_cuve_tampon
☒ Niveau_eau_captage
☒ Niveau_fioul
☐ Pression_pompe_1
☒ Puissance_centrale
☐ T_moteur_pompe_1
☐ Test_etur

GPS data to publish

☐ altitude
☒ latitude
☒ longitude
☐ speed

SaveCancel

4) ACTIVATION OF YOUR ETICDISPLAY ORGANIZATION

EticDISPLAY is a mutualized data management system. The system is composed of many organizations. The data sent by a product can be seen on only one organization. We advise to create a new organization for each end customer.

To create an organization please send an email to eticdisplay@etictelecom.com with:

Company name
Administrator name
Administrator first name
Administrator email address

In return we will send you your organization ID and your credentials.

5) ETICDISPLAY ORGANIZATION MANAGEMENT

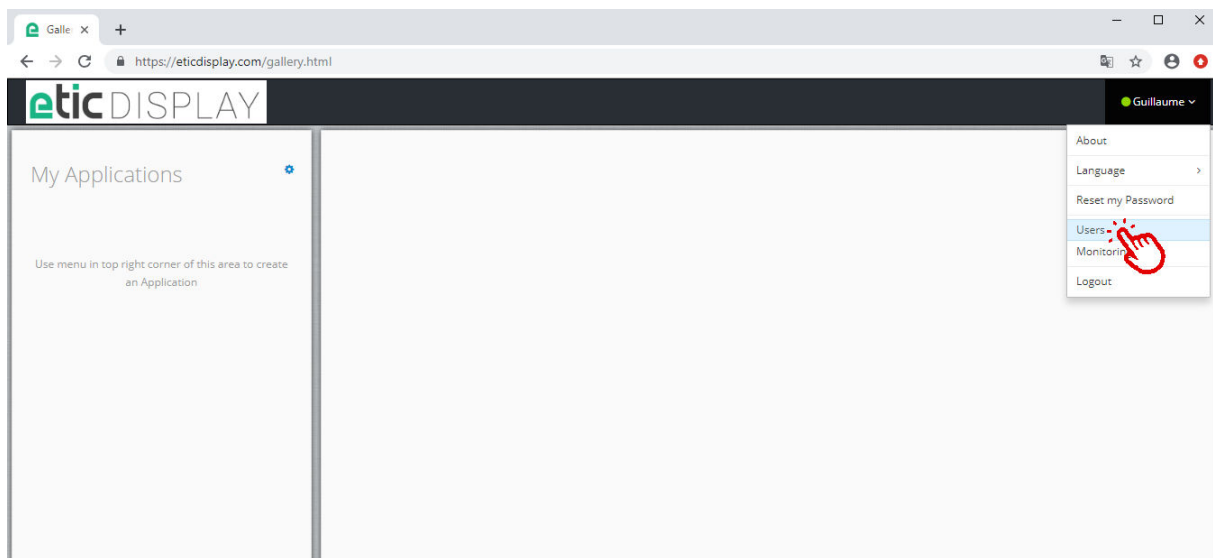
Go to <https://eticdisplay.com> page with your web browser and sign in with the credentials given by Etic Telecom.



Log In to Your account

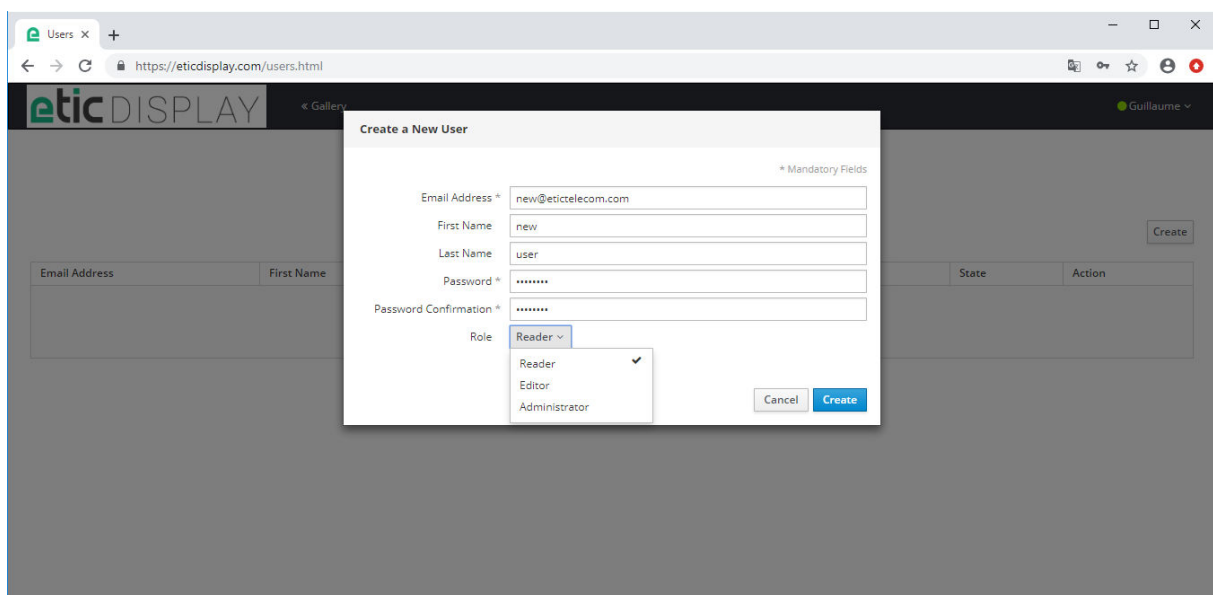
☐ Show Password

You can manage the users from the menu on top right:



There are 3 levels of access rights:

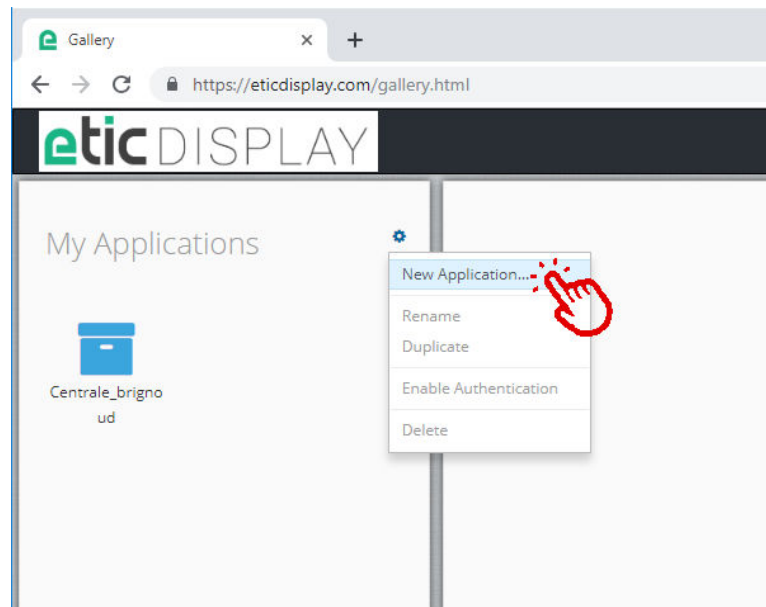
- The Reader can only access to the visualization pages
- The Editor can also create and edit pages
- The Administrator can also manage the users



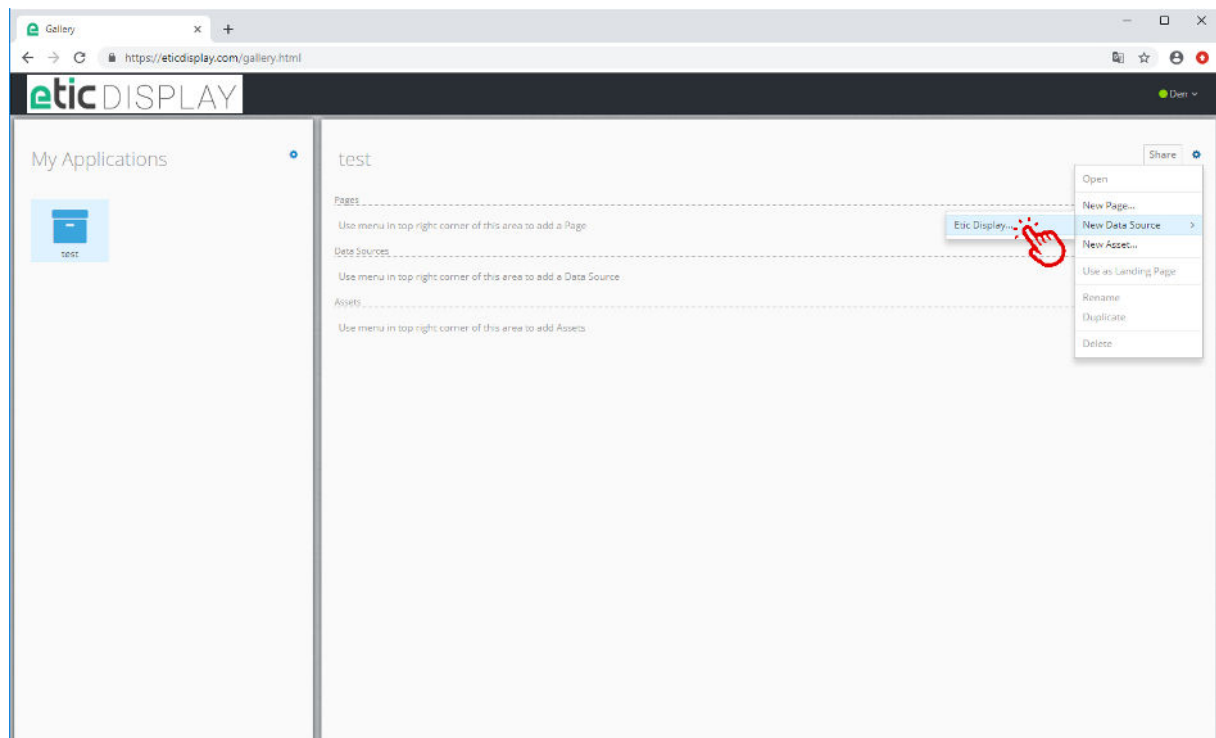
6) PRESENTATION OF THE ETICDISPLAY PAGE EDITOR AND VIEWER

To create a first application:

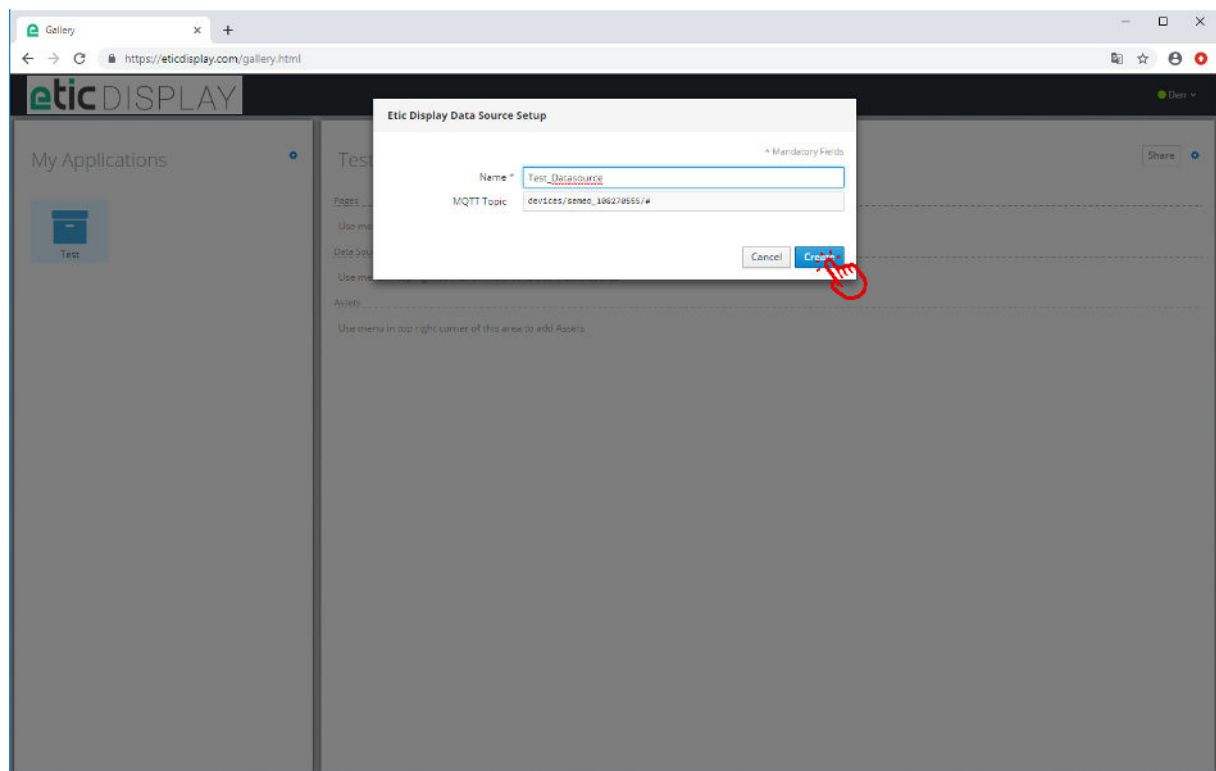
- Create a new application from the menu on the left



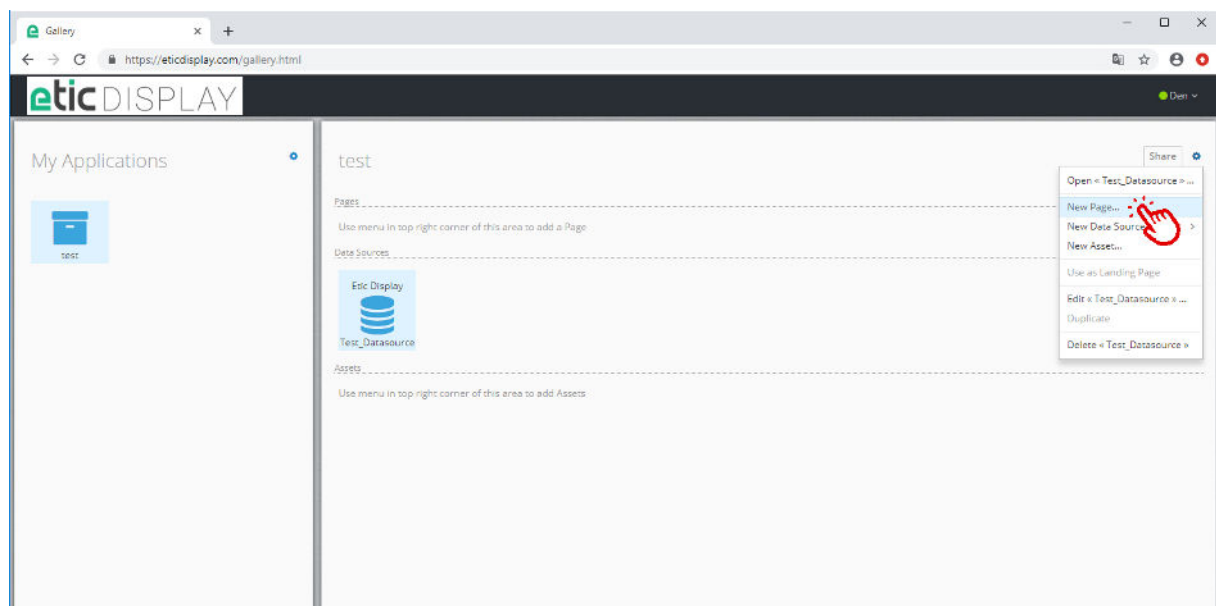
- Select the App and create the data source



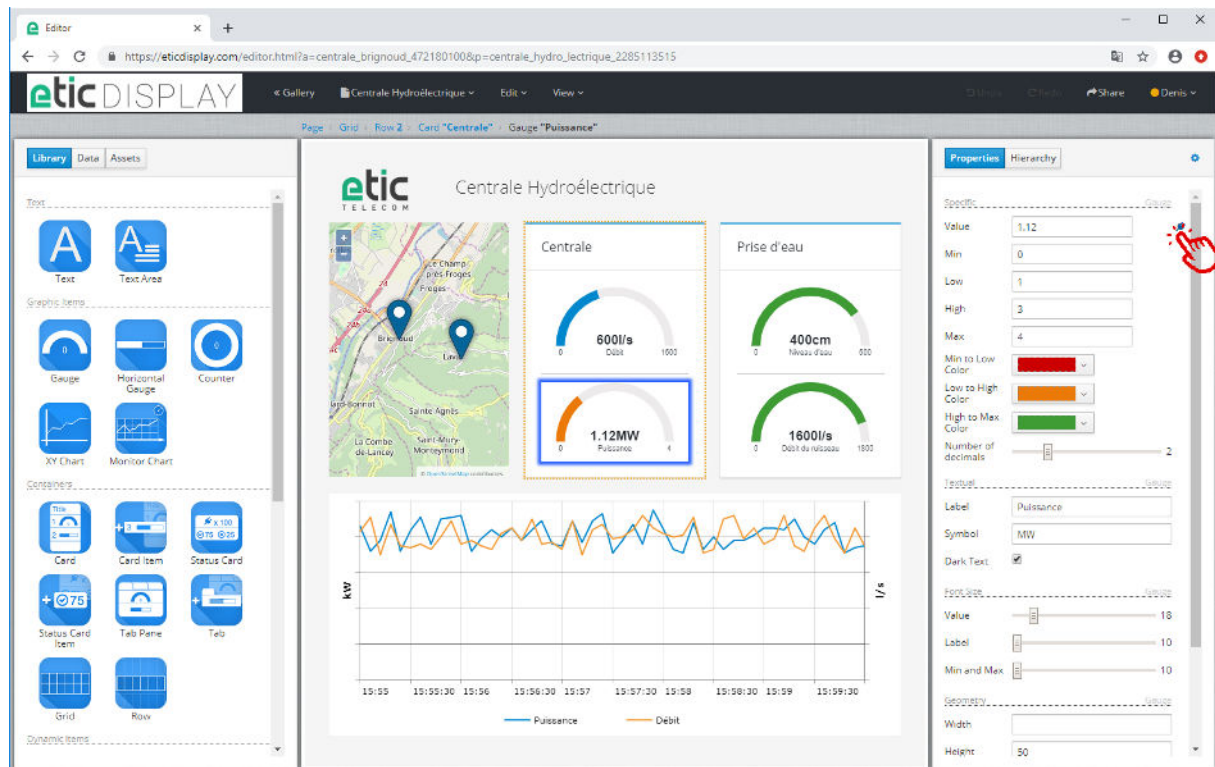
- Choose a data source name



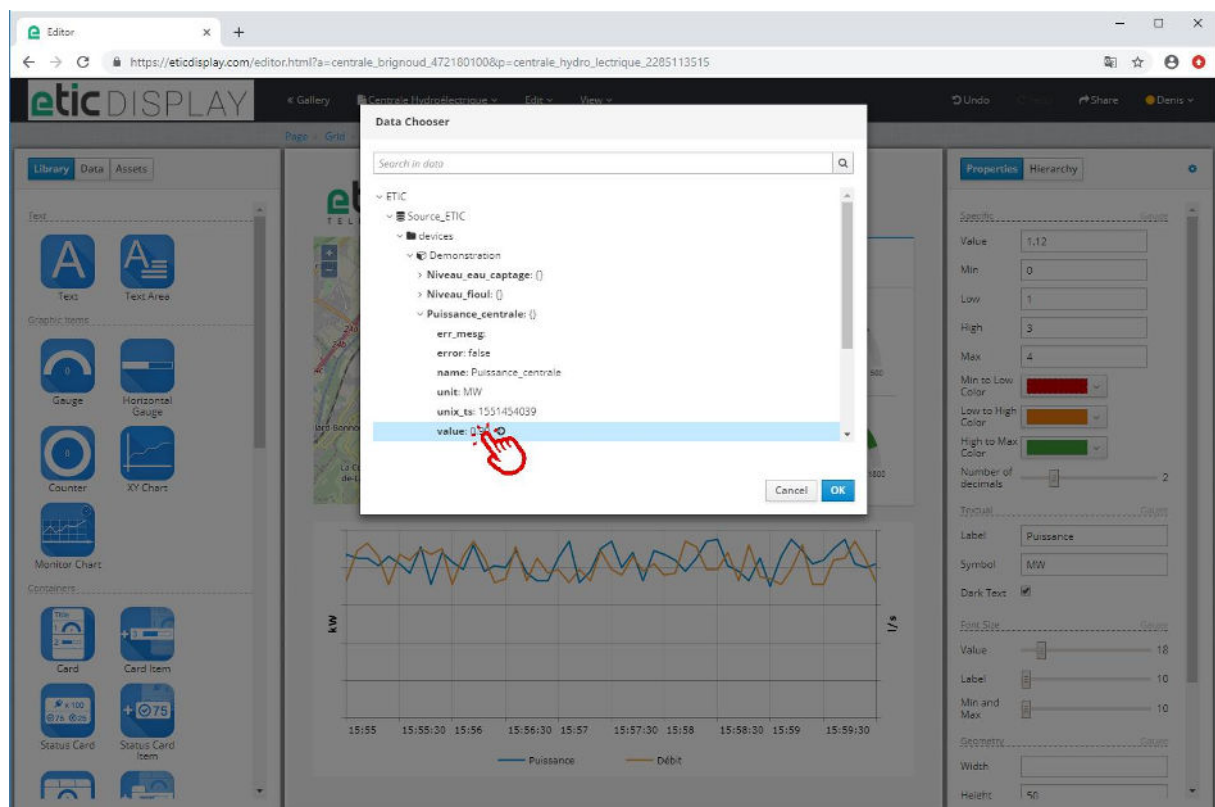
- Create a page



- Add an element to the page with a drag and drop from the left menu
- Select the element and link a field to a data source



- Choose the data you want to print



- Choose the data type and formatting

The screenshot shows the EticDISPLAY editor interface. On the left is a library of widgets including Text, Gauge, Counter, and various charts. The main workspace displays a dashboard titled 'Centrale Hydroélectrique' with a map, a gauge showing '42.00MW' (Puisance), and a line chart showing 'Puisance' and 'Débit' over time. A configuration panel on the right is open for the 'Gauge' widget, showing a dropdown menu for 'Type Expected for this Data' with 'Number' selected. Other settings like 'Format' (No Data), 'Number Formatting' (None), and 'Number data is displayed with' are visible. A red hand icon points to the 'Puisance_centrale.value' data source in the configuration panel.

- Visualize and share the created page

This screenshot shows the same EticDISPLAY editor interface, but now with sharing options. A modal window is open, displaying a QR code and a URL: https://eticdisplay.com/widget.html?centrale_brignoud_472180100&p=centrale_hydro_lectrique_2285113515. A red hand icon points to the 'Share' button in the top right corner. The background dashboard is still visible, showing the map, gauge, and line chart.

7) HOT LINE SUPPORT DURING YOUR TEST

Feel free to contact +33 4 76 04 20 05 or hotline@etictelecom.com.

8) VIRTUAL SHOWROOM (AVAILABLE FROM THE HOME PAGE)

The screenshot shows the Etic Telecom website's Virtual Showroom. At the top is the Etic Telecom logo and a navigation menu with links: Who are we?, Products, Solutions, Support, News, Contact, and a Customer Area button. Below the navigation is a dark bar with 'industrial networking' on the left and 'FR | EN' on the right. The main section has a green header with 'VIRTUAL SHOWROOM' in large yellow letters and 'Access to all Etic Telecom products.' below it. Two dropdown menus are displayed. The first, 'Select a product family', has 'Machine Access Box (RAS Family)' selected and circled in red. The second, 'Select a product', shows 'RAS-ECW / Ethernet, Wi-Fi and Cellular Machine Access Box'.

By surfing on our WEB site www.etictelecom.com (Support/Virtual Showroom) you can learn how to configure a Machine Access Box (namely a RAS product).
The following login and password will be requested: login: "etic", password: "demo".



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