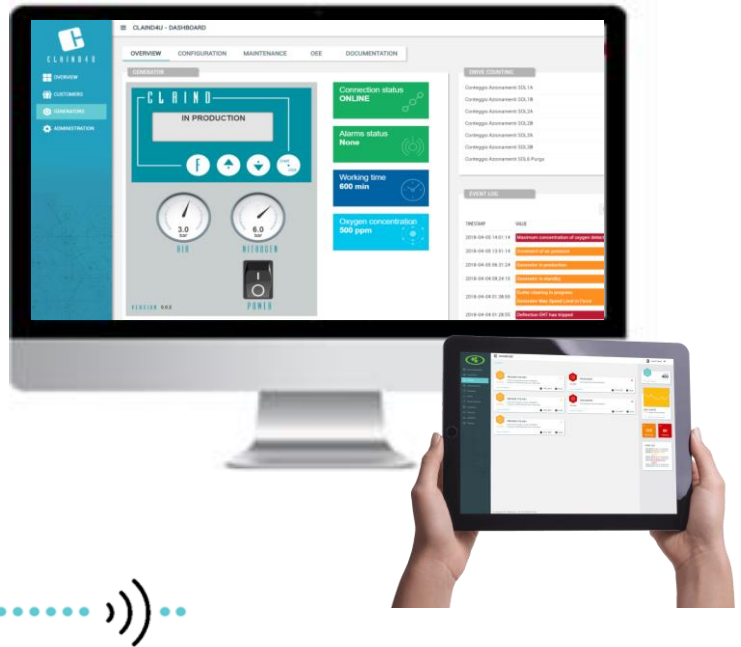




*The IoT solution for connected products and smart services*



GETTING SMART  
WITH US

## WHAT IS CLAIND4YOU

It is a web platform, real-time connected with the device via a LAN + Internet or 4G + Internet data network. Through the platform, operating data are collected and it is possible to interact with the machine by sending commands or setting operating parameters. The platform also offers advanced functions of data analysis and presentation in graphic form, allowing the generation of signals based on the operating status of the device such as sending error messages or maintenance needs. In addition to the basic functionality offered by the platform, in the future it will be possible to develop apps to support user-machine interaction, allowing advantages in terms of operational efficiency, i.e. lower running costs and efficacy, as greater functionality will be available.

### MAXIMUM EFFICIENCY



### REDUCED COSTS AND WASTEFULNESS



### REMOTE ASSISTANCE



### ABOUT SERVICES:

- Remote control of the device via PC / Smartphone.
- Real-time monitoring of the generator and of operating parameters.
- Reports on current and historical data.
- Alarms and warnings in case of failure of the system.
- Warnings about maintenance and historical needs.

# LOGIN

[Forgot password](#)    [Create new account](#)

CLAIND4U

- OVERVIEW
- CUSTOMERS
- GENERATORS**
- ADMINISTRATION

GENERATOR

CLAIND

IN PRODUCTION

3.0 bar

AIR

6.0 bar

NITROGEN

POWER

VERSION 0.0.2

Connection status  
**ONLINE**

Alarms status  
**None**

Working time  
**600 min**

Oxygen concentration  
**500 ppm**

DRIVE COUNTING

Conteggio Azionamenti SOL1A	---
Conteggio Azionamenti SOL1B	N/A
Conteggio Azionamenti SOL2A	N/A
Conteggio Azionamenti SOL2B	N/A
Conteggio Azionamenti SOL3A	N/A
Conteggio Azionamenti SOL3B	N/A
Conteggio Azionamenti SOL6 Purga	N/A

EVENT LOG

2018-03-31 - 2018-04-06

TIMESTAMP	VALUE
2018-04-05 14:01:14	Maximum concentration of oxygen detected
2018-04-05 13:51:14	Increment of air pressure
2018-04-05 06:31:24	Generator in production
2018-04-04 09:24:15	Generator in standby
2018-04-04 01:38:55	Gutter clearing in progress Generator Max Speed Limit in Force
2018-04-04 01:28:55	Deflection EHT has tripped



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OVERVIEW CONFIGURATION MAINTENANCE OEE DOCUMENTATION

**TIMING** **PRESSURES** **THRESHOLDS** **OTHER**

Time for general depressurization  
Time depressurization  
Maximum flow  
Transfer time  
Cut-Off time  
End of transfer

Transfer pressure  
Minimum Stand-by pressure

First threshold oxygen ppm  
Second threshold oxygen ppm

General revision deadline threshold  
Autorestart flag

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Update

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OVERVIEW CONFIGURATION **MAINTENANCE** OEE DOCUMENTATION

**ALERT HISTORY**

DATE	ALERT DESCRIPTION	DURATION	GENERATOR ID
2018-03-15 17:00:58	Generator alarm	15s	00E0C709A55E
2018-03-12 20:23:01	Generator alarm	15s	00E0C709A55E
2018-03-09 15:39:09	Generator alarm	2s	00E0C709A55E
2018-03-09 15:30:23	Generator alarm	1m 45s	00E0C709A55E

**MAINTENANCE EVENTS** 2018-03-31 - 2018-04-06

TIMESTAMP	ACTIVITY
2018-04-05 14:01:14	Insert Ink Cartridge - No valid Cartridge present
2018-04-05 13:51:14	Add Ink cartridge
2018-04-05 06:31:24	Assistance
2018-04-04 09:24:10	Silencer cartridge
2018-04-04 01:38:55	Generator cleaning Change of metallic silencer
2018-04-04 01:28:55	Analyzer

**RUNNING HOURS**

**MEASURE TRENDS**

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Customers > LabSys1 > Milano > impiant

OVERVIEW CONFIGURATION MAINTENANCE OEE **DOCUMENTATION**

Maxi Manual 1.2MB  
Cert. ISO9001 1.1MB  
Warranty 0.9MB

CLAIND 4U

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OVERVIEW CONFIGURATION MAINTENANCE **OEE** DOCUMENTATION

**OVERALL STATE FOR THE LAST 7 DAYS**

From: 2018-04-06 00:00:00 To: 2018-04-06 09:55:13

**GLOBAL STATE**

99.999 [%]  
Output nitrogen flow 18.6 [Nm3/h]

## ABOUT ARCHITECTURE

CLAIND4YOU is an IoT solution to manage the connected products and to supply smart services. Anywhere is possible to access to this iCloud software through a web portal from whatever device.

The generator, through an integrated board or a gateway connected to the generator itself, is connected to the Net with an ethernet cable. The generator is monitoring a data set concerning the operational status, storing them safely on the Cloud. All the metrics coming from the generator are shared and available on the web portal CLAIND4YOU.



Generator + gateway  
or integrated board

Connectivity  
via LAN

Safe  
iCloud

CLAIND4YOU  
Web portal

## ABOUT SAFETY

- Communication between the generator and CLAIND4YOU flow through a encrypted channel with safety certificate (HTTPS e TLS1.2 protocols).
- All accesses need to log on with user name and safe password.
- The databases on which the personal data are stored (data, alarms, other information of the generator) are safe and inaccessible from external users.
- Data sent from the generators are anonymous saved and not attributable to a specific generator or customer.
- To log in at the CLAIND4YOU Web portal an e-mail and a safe password is needed. The password is irreversibly encrypted to prevent someone, out of the user himself, from knowing it.
- Accessibility and visibility are subject to user authorization assigned by the admin.
- CLAIND4YOU comply 100% with the most recent safety standard and with GDPR (General Data Protection Regulation).







CLAIND

GAS GENERATORS AND PURIFIERS

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