

MAIN FEATURES

- Compatible with **WINECAP™** WSN **basestations** with GPRS modem (ex: **MWDG-GSM**) or LAN/WI-FI interface onboard.
- Unlimited quantities of manageable systems (*basic license: 500 systems maximum*).
- Unlimited quantities of dependent-accounts (*managed in packages of 10, basic license: no dependent-accounts*).
- For each system, the memorization space is sufficient to contain four years of historical data with LIFO implementation. (referred to a complete system with 40 wireless **probes**, four channels per **probe**, a data transmission every 10 minutes).
- Historical graphical and table visualization of measures, CSV and XLS format manual data export (*Microsoft Office 2007 and/or following*).
- Event registry.
- Email notification of anomalous events as: alarm threshold overcoming/re-entry, insufficient radio signal level, insufficient battery level, measuring sensor fail.
- User interface compatible with major browsers (*no third party plug-in required*).
- Integration SOAP webservice interface available.

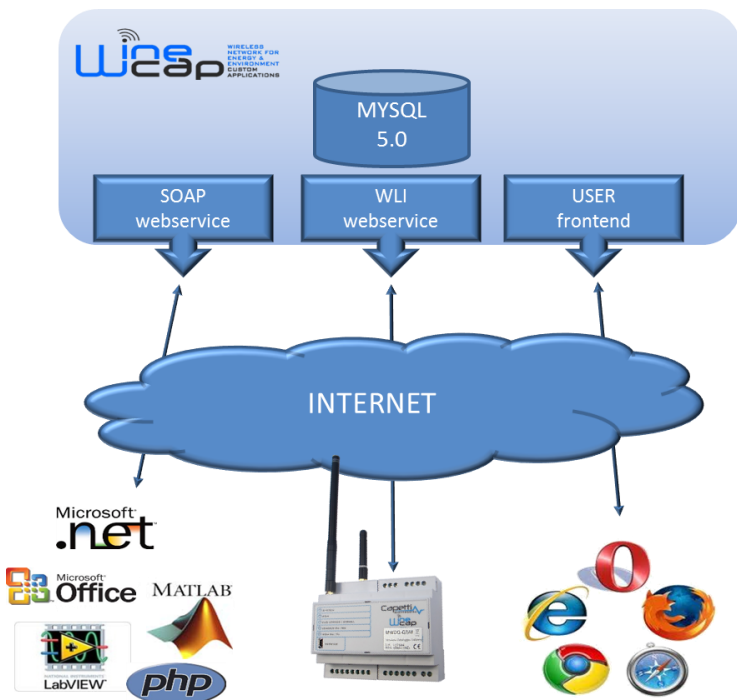


The **winecap.it Service Center** represents the “turnkey” solution provided by **CAPETTI ELETTRONICA** for the immediate realization of remote monitorings without the usual hardware/software implementation.

Hosted in a professional webfarm, **winecap.it** was developed to offer a “centralized management” for hundreds remote systems in a simple and intuitive way.

All the measures acquired by **WINECAP™** sensors are stored in the **Service Center** who sends, automatically, an email notification to qualified users regarding all interesting events as an alarm threshold overcoming/re-entry, a fail of a **sensor** or a low battery condition.

Anytime and from any location, users can access to **winecap.it Service Center** with any device capable to display web pages (*laptop, tablet, smartphones, etc.*) and browse through own plants with a detail level that goes from the global state of all the systems, till the acquired sample from the single **probe**.



“Onboard” processing.

- **Day degrees counter**
With performance management indicator
- **Energy consumption counter**
 - ⇒ Electric consumption
(active energy/reactive energy)
 - ⇒ Thermal consumption
(energy, volume, flow and return)
 - ⇒ Gas consumption
(from volume corrector pulse output)

The features shown may be subject to change without notice.

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Immediate connection with optimized costs.

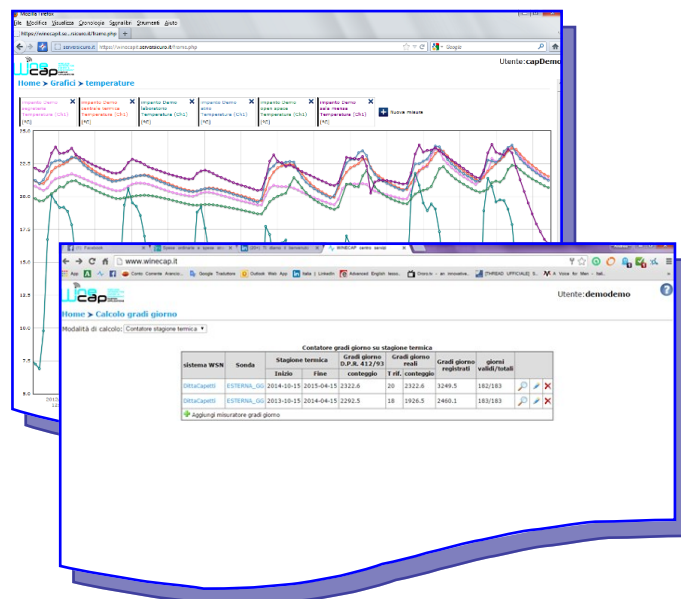
The connection between monitored plants and **Service Center** is realized using a GPRS modem equipped in **WINECAP™ MWDG-GSM basestations** or through a simply outgoing internet link (**MWDG-ETH/MWDG-WIFI**).

To establish a GPRS connection, a normal SIM suitable for internet browsing is needed.*

Measures acquired are locally stored in the **basestation's** memory and periodically (*programmable timeframe*) and/or in case of a specific event sent to the **Service Center**. From that moment data will be available to qualified users infinite times without burdening on GPRS connection costs.

All the **winecap.it** features are available also to users of **dataloggers** without WSN radio interface (*SD product line*) or **basestations** without GSM module; In this case, the data upload from the **sensor** to the **Service Center** is performed manually using a personal computer, preserving, however, the data accessibility and sharing capabilities offered by the remote portal.

*the point-to-point GSM remote connection using the **SW-DCET** configuration software, otherwise needs a GSM modem and a M2M (*machine-to-machine*) profile qualified on the SIM.



Complete reliability.

The webfarm hosting **winecap.it** is run by one of the largest european companies dealing with Internet services; the whole system is 24/7 monitored while the hardware/software redundancy ensure the continuity of service even in case of failure.

Thanks to twelve UPS and four emergency generators powered by fuel, the webfarm can works up to ten days even in case of electric blackout.

"Internet based" monitoring solution.

winecap.it manages different hierarchies of users, to allow providing monitoring services to its customers; it is possible, in fact, create, delete, and selectively enable accounts for data access of specific plants.

"Real time" data integration.

winecap.it can share its data with third parties applications using webservices technologies, making it easy, for example, create documents and spreadsheets that are automatically filled with **Service Center's** real time data, without the need for tedious and repetitive manual export/import operations.

Thanks to webservices technology, the access to shared data from **winecap.it** by applications developed in .NET or ASP/PHP/Java requires less than fifteen lines of code!

Home > sistemi WSN > DEMO_WDG

Modello: WDG-GSM-A
Revisione fw: 100953
N. di serie: 00000
MAC address: 00000173
Ultima connessione: 2013-01-07 09:14:39

Sonde totali: 7
Offline: 0
Batteria critica: 0
Segnale critico: 1
In allarme: 1
Invalide: 0
registro eventi: 0

Tutte le sonde

Sonda	Ultimo dato	Radio	Batt.	Misure	Eventi
00000009	2013-01-07 09:09:42	100%	100%	1 Temperatura: 20.48°C 2 Deformazione: 7.744mm	registro
00000009	2013-01-03 14:43:15	100%	100%	1 Temperatura: 23.24°C	registro
00000002	2013-01-07 09:06:24	100%	100%	1 Temperatura: 20.06°C	registro
00000000	2013-01-07 08:57:24	100%	100%	1 Temperatura: 19.53°C 2 Umidità: 36.81%Rh	registro
00000002	2013-01-07 09:02:24	100%	100%	1 Temperatura: 19.19°C 2 Umidità: 35.13%Rh	registro
00000003	2013-01-07 09:07:34	100%	100%	1 Temperatura: 19.19°C	registro
00000000	2013-01-07 09:07:34	100%	100%	1 Temperatura: 19.19°C	registro
00000000	2013-01-07 09:07:34	100%	100%	1 Temperatura: 19.19°C	registro

Scalable Licenses - to meet any requirement.

CS BASIC	Basic Service Center License (can not generate slave accounts) - It can hosts the incoming data from one to 500 basestations.
CS MASTER	Master Service Center License (may generate up to ten slave accounts) - It can hosts (depending on different versions) the incoming data from ten to 500 basestations.
CS BASIC/MASTER SD	Basic/Master License limited to SD or WSD only.

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