

M-Solar

M-Solar is the service that make you able to capture data about solar plants performances and status generated power capacity, statistics, electric power production, and more. By any pc and pda in real time, via Web.

From your private web page, technicians can remotely interact with equipments, as if they were on site. Even final users can operate at distance to optimise the plant efficiency.



➤ Alarm calls: web, sms, e-mail, fax

Whenever a warning situation arises, solar panels instantaneously send alarm calls to a list of addressees, via sms and/or e-mail.

Examples of alarms are:

- Network and channels voltage alarm
- inverter alert
- misuse attempts
- No communication with the Control Unit
- No power supply
- On/off Controll Unit alert

Information is stored to enable new reading and monitoring. Entering the ALERT menu, you'll read operational and break-down alarms.

Alert levels are easy to be configured.

On Line data		Inverter status			
REPORT	Value	Unit	REPORT	Value	Unit
Potenza istantanea	2787Kw		Energia prodotta questo mese	0Kwh	
Energia prodotta oggi	0,016KWh		Energia annua	0Kwh	
Adress	Set number	Modell	Voltage	Unit	Electric power produced
3A3		PVI-6000-OUTD	2775	W	16

➤ Historical working data

Entering the REPORT menu, you access historical data of each individual solar panel. Information is converted into the customer's required electronic format and is available for new reading, use and download.

Voci	Symbol	Value	Unit
Inverter Ind=2/			
Stato globale	S_GL	Run	
Stato WR	S_WR	Run	
Stato DC/DC1	S_DC1	MPPT	
Stato DC/DC2	S_DC2	Mppt	
Stato Allarmi	S-AL	No Alarm	
Tensione canale PV1	UDC1	259,5	V
Corrente canale PV1	IDC1	5,50	A
Tensione canale PV2	UDC2	244,5	V
Corrente canale PV2	IDC2	5,50	A
Tensione di rete	UAC	231,3	V
Corrente di rete	IAC	11,70	A
Potenza sulla Rete	PAC	2704	W
Frequenza di rete	FAC	49,99	Hz

➤ Two-way communication

From the STATUS menu, the virtual control panel can be selected to display real-time information, such as:

- Electric power produced (daily/week/moth/year/other);
- Channels power
- Channels voltage
- Network power capacity
- Network frequency
- Date and time
- Positioning on georeferentiated maps
- warning notifications
- Other customised information

Infos are listed chronologically, to get ready for new, rapid retrieval -through advanced research filters- and immediate use.

Benefits

Differentiation

Deliver proactive maintenance

No more power losses

Perform maintenance only when needed

Integrate data in your enterprise system

Accurate and automatic billing

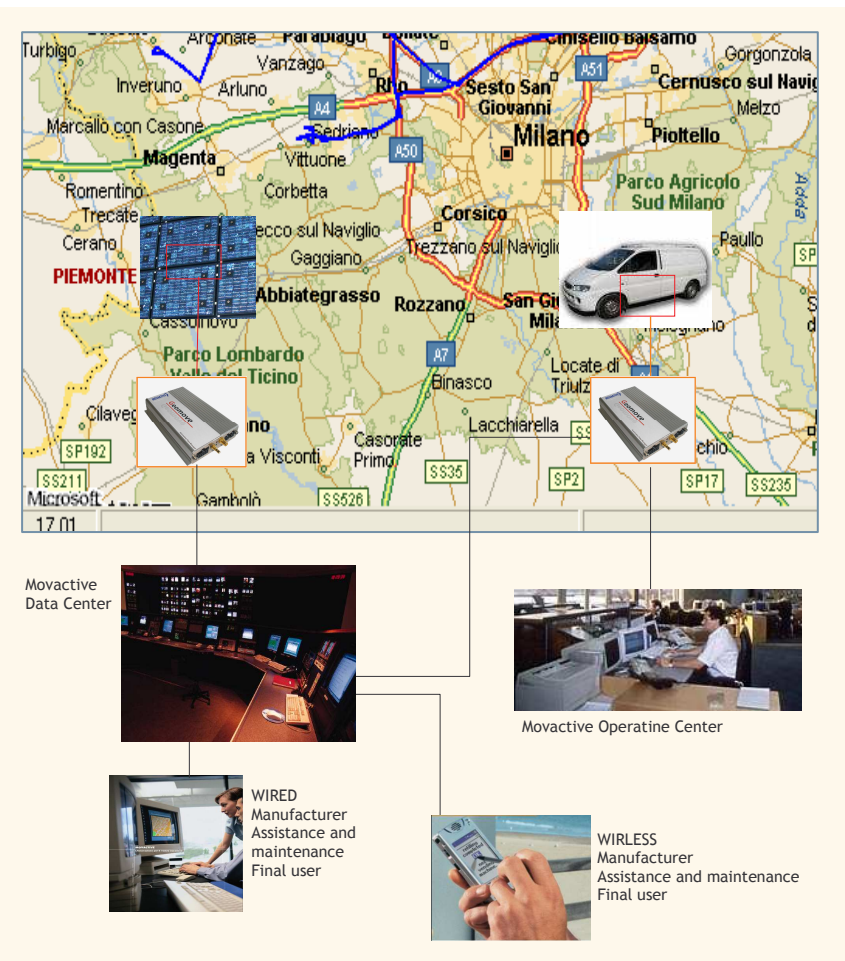
Real saving in service costs

Outsourcing

Customised information

Scalability

Architecture



➤ Integrated fleet management with M-Fleet

Movactive, is the one company on the market which makes you integrate the logistics of vehicles, the technicians' activities and the remote integrations of solar panels.

Alarm calls and warning notifications can automatically schedule technicians' working agenda.

For further information, please ask our M-Fleet brochure and contact the Movactive sales office at 0039 039 9714850.



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