

# User and maintenance manual (client Web and Web services)

Rev. 03-16 ENG Telenet Version 2015.09.01 DB Version 2015.09.01

ELECTRICAL BOARDS FOR REFRIGERATING INSTALLATIONS



#### **1 INTRODUCTION**

Page 5	1.1	TELENET WEB OVERVIEW
Page 5	1.2	SYSTEM REQUIREMENTS
Page 6	1.3	SOFTWARE VERSION AND UPDATES

#### **2 SOFTWARE INSTALLATION**

Page 7	2.1	TYPE OF INSTALLATION	
Page 7	2.2	COMPLETE INSTALLATION	
Page 9	2.3	SEPARATE INSTALLATIONS	

#### 3 ACCESS

Page 10	3.1	FIRST ACCESS		

### 4 USE

Page 11	4.1 MAIN INTERFACE
ige 12	4.2 NAVIGATION TAB

#### 5 USE

Page 14	5.1	TOTAL PANEL CONTROL
Page 15	5.2	INSTRUMENT BOARD
Page 16	5.3	MONITORING
Page 16	5.4	PROGRAMMING INSTRUMENT
Page 17	5.5	INSTRUMENT HISTORY AND GRAPHICS
Page 18	5.6	НАССР

#### 6 PROBLEMS AND SOLUTIONS

Page 19	6.1	PROBLEMS AND SOLUTIONS	
Page 19	6.1.1	TOTAL PANEL CONTROL IS EMPTY	
Page 19	6.1.2	APACE SERVICE DOESN'T START	
Page 20	6.2	UNINSTALL TELENET WEB – CLIENT WEB	
Page 20	6.3	UNINSTALL TELENET WEB – WEB SERVICES	
Page 20	6.4	AMEND CONFIGURATIONS	
Page 20	6.5	WEB SERVICES MANAGEMENT (IIS) SOFTWARE INSTALLATION	

## **1 INTRODUCTION**

#### **1.1 TELENET WEB OVERVIEW**

*TeleNET WEB* is a Telenet program add-on that enables you to access a Web browser to monitor and supervise refrigeration and air conditioning systems controlled by Pego electronic instruments. The instruments network sends data to personal computers that can be accessed through a web browser to view and print reports, manage alarms, change operating parameters, and monitor the entire system.

#### Applications:

 Monitoring and supervising refrigeration and air conditioning systems through a web browser.

#### **1.2 SYSTEM REQUIREMENTS**

The minimum requirements in order to use TeleNET WEB, are:

Operating system	<ul> <li>Windows<sup>®</sup> 10</li> <li>Windows<sup>®</sup> 8</li> <li>Windows<sup>®</sup> 7</li> <li>Windows<sup>®</sup> Server 2012 R2</li> </ul>	
	<ul> <li>Windows<sup>®</sup> Server 2008</li> </ul>	
Software	Telenet 2015.09.01 (or higher)	
	Software to manage Web services (e.g. Microsoft IIS)	
Other	Fixed IP address to access the Web	
Memory	4 GB of RAM	
Hard disk	10 GB of space available	

## **1 INTRODUCTION**

#### **1.3 SOFTWARE VERSION AND UPDATES**

After accessing Client Web through the browser, click on the "UTILITA" (UTILITY) management key to activate the "Utility" navigation tab, which enables you to check the software version, install updates, and close the page.





The software version is written next to 'Aggiorna' (Update), and it specifies if there are any updates available. Clicking the key updates the software to the latest version available.

## **2 SOFTWARE INSTALLATION**

#### 2.1 TYPES OF INSTALLATION

The program can be installed using the CD-ROM provided, or by downloading it from the www.pego.it website.

If the installation process does not start automatically after inserting the CR-ROM or after having downloaded the program from www.peg.it, install the file manually from SetupWEB.exe. Installation must be carried out with an Administrator account.

There are two different types of software installation available:

- 1) Complete installation (Client Web and Web services on the same server)
- 2) Separate installation (Client Web and Web services on different servers)



#### 2.2 COMPLETE INSTALLATION

If you want to install both the Client and Web services on the same server, select "Install ALL".

The button is used to cancel the installation process.

WinZip Self-Extractor - TelenetWEB.exe					
To unzip all files in TelenetWEB.exe to the specified folder press the Unzip button.	Unzip				
Unzip to folder:	Run WinZip				
Overwrite files without prompting     When done unzipping open:	About				
.\xampp\TelenetClientWEB_Config.exe	Help				

The Client must be installed in the root directory to operate correctly; select Unzip to proceed. After installing the Client Web, a configuration window opens automatically. Enter the correct IP addresses in the Web Service Host and Web Client Address fields (press "Get IP Address" to automatically configure the IP address of the machine being used). Tick the installation option to automatically start the Apache component.

# **2 SOFTWARE INSTALLATION**

Click 🔲 to proceed.

Tele.Net Client Web - Setup	a estatus da ta como esta	Carried and the
		🗾 🔚
Install Automatically start Apache		
Uninstall Automatically start Apache		
Web Service Host	http://192.168.56.1:81	Get IP Address
Web Client Address	http://192.168.56.1:8088/pego	Get IP Address

After configuring Client Web, it automatically starts installing Web services. Select Unzip to proceed.

WinZip Self-Extractor - TelenetWS.exe					
To unzip all files in TelenetWS.exe to the specified folder press the Unzip button.	Unzip				
Unzip to folder:           c:\PEGO\TelenetWS\Services   Browse	Run WinZip Close				
<ul> <li>Overwrite files without prompting</li> <li>When done unzipping open: .\TelenetWS_Config.exe</li> </ul>	About Help				

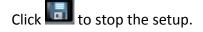
After installing Web services, a configuration window automatically opens. Set the correct SQL Server IP address and click SET to apply the changes.

Tele.Net Web Services - Setup	A store with	
?		5 🗄
Database Connection String	Data Source=192.168.56.1\TELENET_PEGOWISE;Initial Catalog=Telenet;Persist Security Info=True;User ID=sa;Password=pegowise@10	Set Test
Server SQL	192.168.56.1\TELENET_PEGOWISE	Get IP Address
Catalog Database	Telenet	
SQL Access - User	88	
SQL Access - Password	pegowise@10	
SQL Access - Time out		

## **2 SOFTWARE INSTALLATION**

The Test button enables you to check if the SQL Server can be reached. If the test is positive, the following notice will appear:





#### 2.3 SEPARATE INSTALLATIONS

To install Client Web and Web services on different servers, execute the two installations separately.



Select "Setup Client Web" to start installing.

The **button** is used to cancel the installation process.



Select "Setup Web Services" to start installing.

The button is used to cancel the installation process.

## **3 ACCESS**

#### 3.1 FIRST ACCESS

To open the program, access a web browser and enter the your WebServer's public IP address followed by ":8088/pego/" (example: http://192.168.0.197:8088/pego/). The following access screen will appear:

TELENET WEB			
	Login		
	Username:		
		Login	

Insert the following default data in the access mask:

Username: Password:

Login	
Username: adminlogin	
Password:	
	Login
	Logir

N.B.: for the first access, leave the password field empty and press

adminlogin

The default language is English.

To change the language, consult Chapter 6 "TeleNET configuration" in the Telenet program manual.

## **4 GENERAL INFORMATION**

#### 4.1 MAIN INTERFACE

Managem\_ TELENET 2 \* C ent keys Attivi Allarme Tutti Navigation tab 26.4 27.5 42 20 -23 -20 Instruments \* 25.4 26.2 4.9 25 54 99.9 99 1.7 VANO 3CI PLUS 200 2PLT rel 8 24.8 25.1 25 -10.8 -28.7 -7.3 ON 100 THR rel8 US200 EXPERT DIN 3Rk ປະຄໍະຄໍະຄໍ \$\*☆\*\*\*\*\* ☆ ↓↓ [] 26.5 8 35.2 ·45 25 25.6 -0.1 52

The following image represents the Total Panel Control, which is the home page of TeleNET WEB.

The management keys are in the top left corner:



**REFRESH:** updates the screen.



**HOME:** only present when navigating in other pages, and enables you to go back to the Total Panel Control.



**UTILITY:** access the said tab where it is possible to check the software version and update it.



EXIT: closes the session (logs out and exits the web program).

Further down there are the navigation tabs, and the instruments are in the centre.

## **4 GENERAL INFORMATION**

#### 4.2 NAVIGATION TABS

There are four navigation tabs. There are three main ones, which display the instruments according to their status.

The fourth tab (Utility) can be accessed by clicking on the UTILITY navigation tab.



#### • Attivi (Active)

Only displays active instruments

Attivi	Allarme Tutti	
	DL3 sonda1	
	DL3 Sonda i	<u>a</u>
	. 26.4	Temperatura ambiente
	∘c 42	A2 (allarme max temp.)
	∘c <b>-23</b>	A1 (allarme min temp.)

#### • Allarme (Alarm)

Only displays instruments that are in alarm mode

Attivi	Allarme Tutti	
	DL3 sonda2	
	°c 27.5	
	°C 20 A2 (allarme max temp.)	
	°C -20 A1 (allarme min temp.)	

## 4 GENERAL INFORMATION

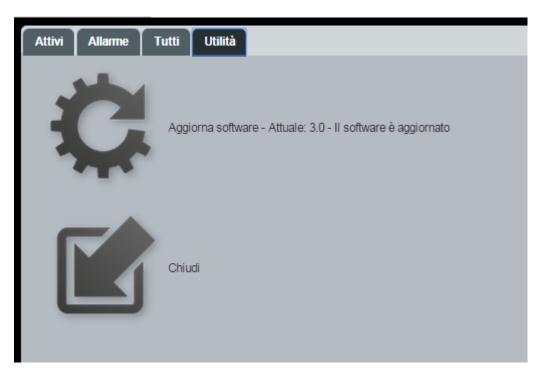
#### • Tutti (All)

Displays all instruments, included those that are disabled



#### • Utility

It is activated after clicking on the UTILITY management key, and enables you to check the software version, update, and close the page.





The software version is written next to 'Aggiorna' (Update), and it specifies if there are any updates available. Clicking the key updates the software to the latest version available.



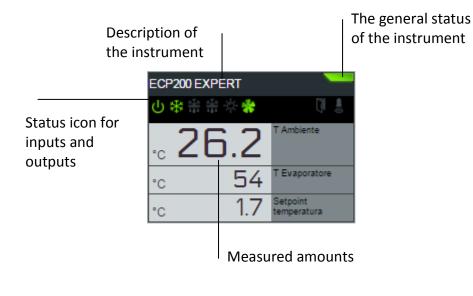
"Chiudi", closes the page.

#### 5.1 TOTAL PANEL CONTROL

The Total Panel Control is a work area where instruments are displayed with the relative main information: the physical amount available, the status of the main outputs and inputs, the status of the instrument (disabled, normal, with a cycle in progress or an alarm triggered).



Representation of the instrument on Total Panel Control:



General status icon of the instrument:

no icon	monitoring disabled
<b>g</b> rey	instrument disabled
<b>green</b>	monitoring enabled and instrument active
<b>V</b> ellow	pre-alarm
red	alarm
<b>blue</b>	automatic cycle in progress

#### **5.2 INSTRUMENT SHEET**

Monitoraggio Comando Storico HACCP	
ECP200 EXPERT - Fabio\COM8:\7	
26.2	°C 1.7 Setpoint temperatura
T Ambiente	
└ 券 崇 崇 ☆ 券	
output	Input Ialam
Monitoraggio Parametri Stati Ingresso Stati Uscita Allarmi	
Descrizione Valore UdM	
T Ambiente 26,2 °C T Evaporatore 54 °C	

Clicking on the desired instrument displays the instrument's sheet.

The instrument's sheet enables the user to have a detailed display of information regarding the instrument, check and confirm parameters, and view the history log of measurements and alarms. It is also possible to export the log values of measurements, both in table (Excel) and graph (PDF) formats.

## 5 USE

#### 5. MONITORING

From the **Monitoraggio (Monitoring)** area, it is possible to view the measurement values of the instrument, the parameters, input and output statuses and any alarms in progress.

104 10 10 10 10 10 10 10 10 10 10 10 10 10		
Monitoraggio Comando Storico HACO	2P	
ECP200 EXPERT - Fabio\COM8:\7		
26.2 T Ambiente	*C 54 *C 1.7 T Evaporatore Setpoint temperatura	3°
の 参 串 串 茶 🏶		
<sup>1</sup> output Monitoraggio Parametri Stati Ingresso	Stati Uscita Allarmi	
DescrizioneValoreUdMT Ambiente26,2°CT Evaporatore54°C		

#### 5.4 INSTRUMENT PROGRAMMING

TeleNET WEB enables the user to send a command to the instrument and edit its configuration (e.g. minimum/maximum temperature limit, standby, defrost activation, etc.).

To send a command to the instrument, you must access the **Comando (Command)** area from the instrument's sheet, where information regarding configurations that can be edited are displayed. The second column (Value) contains the actual value, which can be edited by clicking on the key

"modify". The last two columns (Min and Max) display the range within which the values can be configured.



## 5 USE

Once the desired value has been selected with the arrow, you must confirm it by clicking on the green key "Confirm". On the other hand, the red "Cancel" key resets the settings to the current values of the instrument.

Descrizione	Valore	UdM	Min Max
A1 (allarme min temp)		.c <b>✓ X</b>	-45 42
A2 (allarme max temp)		•c 🔌 🗙	-25 45
d0 (intervallo sbrinamento)	≪ ∢ 7	ore 🖉 🗙	0 24
d2 (setpoint fine sbrinamento)	≪ < -12 > >>	•c 🔌 🗙	-35 45
d3 (max durata sbrinamento)	<b>≪ ∢</b> <sup>3</sup> <b>&gt; &gt;</b>	min 🔌 🗙	1 240

Once the values have been configured, you must send the information to the instrument. This is done by clicking on "send command to instrument".



#### 5.5 INSTRUMENT HISTORY AND GRAPHICS

By setting the dates in the boxes "From" and "To" in the **History** area, it is possible to display data for any period of time. The menu sheets enable you to select three types of display and select the value to show in the graph:

Graph:	displays the graph of measurements recorded in the selected period.
Data:	displays the table format of the measurements recorded in the selected period.
Events:	displays the table format of the alarms log in the selected period.
Selection:	enables you to select the value to show in the graph and colours to
	assign to each value.

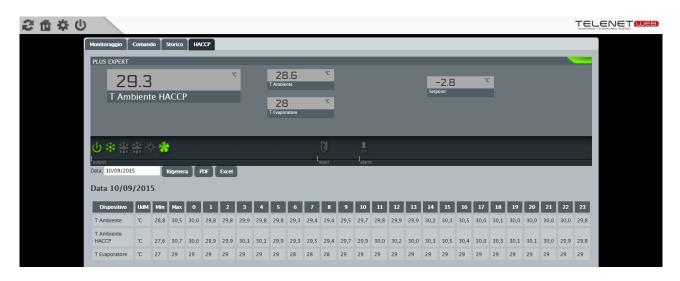
It is also possible to save the graph displayed in PDF format and table in Excel format with the measurements recorded in the selected period.



The "Rigenera" (Regenerate) key updates the graph with the selected parameters and colours.

#### 5.6 HACCP

If enabled in the HACCP area, it is possible to display the average hourly temperature and minimum and maximum temperatures of the selected day.



Once the date has been set in the "Date" field, click on "Regenerate" to display the data regarding the selected day. It is also possible to export data displayed in PDF and Excel formats by clicking on the "PDF" and "Excel" keys.

#### 6.1 PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
Apache does not start since it cannot	Another process is using port 443 (e.g.	Identify the process used by port 443
connect to port 443.	Skype).	and redirect it to another port.

#### 6.1.1 TOTAL PANEL CONTROL IS EMPTY

If no instruments are visible in the Total Panel Control, verify that the TCP port 1433 of TELENET\_PEGOWISE Protocol is configured:

Microsoft SQL Server 2014  $\rightarrow$  Configuration Tools  $\rightarrow$  SQL Server Configuration Manager  $\rightarrow$  SQL Server Network Configuration  $\rightarrow$  Protocols for TELENET\_PEGOWISE  $\rightarrow$  TCP/IP (double click)  $\rightarrow$  IP addresses  $\rightarrow$  IPAII:

Sql Server Configuration Manager			8
File Azione Visualizza ?			
🗢 🔿 🖄 🖾 🗟			
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server Services</li> <li>SQL Server Network Configuration (32bit)</li> <li>Protocols for TELENET_PEGOWISE</li> <li>SQL Native Client 11.0 Configuration (32bit)</li> </ul>	Protocol Name Status Shared Memory Enabled Named Pipes Enabled TCP/IP Enabled Proprietà - TCP/IP	8 ×	
	Protocol       IP Addresses         TCP Dynamic Ports         TCP Dynamic Ports         IP8         Active         Enabled         IP Address         TCP Dynamic Ports         TCP Dynamic Ports         TCP Port         IP9         Active         Enabled         IP Address         TCP Port         IP9         Active         Enabled         IP Address         TCP Dynamic Ports         TCP Dynamic Ports	0 ^ Yes . No . fe80::100:7f:fffe%10 . 0 . Yes . No . fe80::5efe:192.168.0.207%13 . 0	
< Þ	TCP Dynamic Ports TCP Port TCP Port TCP port CCP port	1433 -	

#### 6.1.2 APACE SERVICE DOESN'T START

Verify that the Apache 2.2 service is configured to start automatically. Control Panel  $\rightarrow$  Administration tools  $\rightarrow$  Services

ile Azione Visualizza	?					
Servizi (computer locale)	🔍 Servizi (computer locale)					
	Apache2.2	Nome	Descrizione	Stato	Tipo di avvio	Connessione
		🔍 Alimentazione	Gestisce criteri per il risparmio energia e il recapito di notifiche relative a tali criteri.	Avviato	Automatico	Sistema locale
	Descrizione: Apache/2.2.9 (Win32) DAV/2	🔍 AMD External Events Utility		Avviato	Automatico	Sistema locale
		Apache2.2	Apache/2.2.9 (Win32) DAV/2 mod_ssl/2.2.9 OpenSSL/0.9.8i mod_autoindex_color PHP/5.2.6	Avviato	Automatico	Sistema locale
	II mod ssl/2.2.9 OpenSSL/0.9.8i					
	mod_ssl/2.2.9 OpenSSL/0.9.8i mod_autoindex_color PHP/5.2.6	Applicazione di sistema CO	Gestisce la configurazione e registrazione di componenti basati su COM+. Se il servizio vie		Manuale	Sistema locale
		Applicazione di sistema CO Archiviazione protetta	Gestisce la configurazione e registrazione di componenti basati su COM+. Se il servizio vie… Fornisce archiviazione protetta per i dati riservati, quali le password, per impedire l'accesso …		Manuale Manuale	Sistema locale Sistema locale

#### 6.2 UNINSTALL TELENET WEB – CLIENT WEB

Stop execution of Apache by following the file 'xampp\_stop.exe' in the folder C:\xampp. Delete the file C:\xampp.

#### 6.3 UNINSTALL TELENET WEB – WEB SERVICES

Delete the folder containing the Web services, which is usually C:\PEGO\TelenetWS.

#### 6.4 AMEND CONFIGURATIONS

To change the Web Client configuration, run the file 'TelenetClientWEB\_Config.exe' in the folder C:\xampp.

Tele.Net Client Web - Setup	a status to the second	Canadia at the
		<b>5</b>
Install Automatically start Apache	V	
Uninstall Automatically start Apache		
Web Service Host	http://192.168.56.1:81	Get IP Address
Web Client Address	http://192.168.56.1:8088/pego	Get IP Address

To change the Web Service configuration, run the file 'TelenetWS\_Config.exe' in the folder C:\PEGO\TelenetWS\Services.

Tele.Net Web Services - Setup	A 100 100	
?		🚺 🔚
Database Connection String	Data Source=192.168.56.11TELENET_PEGOWISE;Initial Catalog=Telenet,Persist Security Info=True;User ID=sa;Password=pegowise@10	Set Test
Server SQL	192.168.56.1\TELENET_PEGOWISE	Get IP Address
Catalog Database	Telenet	
SQL Access - User	88	
SQL Access - Password	pegowise@10	
SQL Access - Time out		

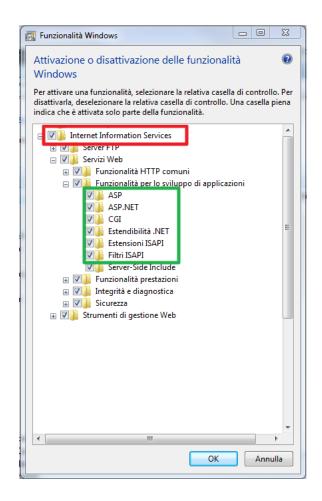
#### 6.5 WEB SERVICES MANAGEMENT (IIS) SOFTWARE INSTALLATION

If Web services is installed on a server that does not have a services management software, follow this procedure to install IIS.

Microsoft Internet Information Services (often abbreviated to IIS) is an Internet server services system for Microsoft Windows operating systems. This component enables you to create hosts where to publish Web services.

You must first check if IIS is installed.

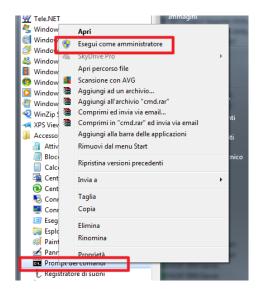
Access Windows features enabling/disabling area: Control panel -> Programs and features -> Enable or disable Windows features.



If it is not installed, select Internet Information Service and the feature selected in the above image. In any case, make sure that the features highlighted in the green rectangle are also selected.

#### - Framework .NET 2.0 for IIS

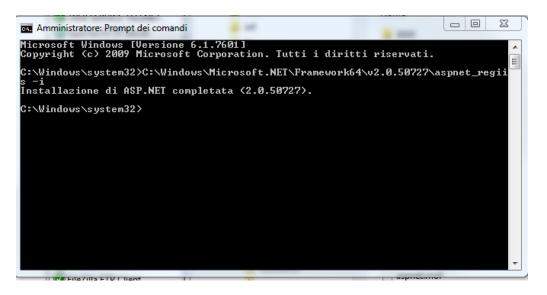
After installing IIS, you must enable the framework .Net 2.0 for IIS. Open the DOS prompt as an administrator:



With 64 bit PCs, key in: C:\Windows\Microsoft.NET\Framework64\v2.0.50727\aspnet\_regiis –i

With 32 bit PCs, key in:

C:\Windows\Microsoft.NET\Framework\v2.0.50727\aspnet\_regiis –I



#### - Set Host for Web Services

Run IIS:

Control panel -> Administration -> Internet Information Services (IIS) Management

Gestione Internet Information Services (IIS)
🚱 💿 📲 > VENERE >
File Visualizza ?
Connessioni       Azioni         Image: Stil       Ima

Check the pool of applications for ASP.NET 2.0:

Pool di applicazioni → ③ Default Web Site → ⑤ MyWSTelenet → ⑥ MyWSTelenet ↓ ③ Clas @ Clas @ Default Web Site ↓ ⑤ MyWSTelenet ↓ ③ MyW @ ASP @ ASP @ Clas @ Default Web Site ↓ ③ MyW @ tele	e St P.NET v2.0 A P.NET v2.0 A P.NET v4.0 A P.NET v4.0 Cl A issic .NET Ap A faultAppPool A	di visualiz o più app • Stato Avviato Avviato Avviato Avviato Avviato Avviato	ZiONİ zzare e gestire l'elenco dei pool plicazioni e forniscono isolamen Vai ~  Mostra tutti Raggr Versione .NET Framework v2.0 v4.0 v4.0 v2.0 v2.0	to tra applicazioni div ruppa per: Nessun ra Modalità pipeli Integrata Classica Classica Classica	erse. ggruppamento  Gruppamento   o associati a processi di Applicazioni 0 0 0 0	Azioni applicazioni Impostazioni pred- di applicazioni ? ? Guida (online)	efinite poc	
VENERE (Venere\Roberto)     Pool di applicazioni     Sti     MyWSTelenet     MyWSTelenet     Questa     lavoro,     Filtro:     Nome     ASP     ASP     ASP     Clas     Defa     My     My     Wy	pagina consente e contengono uno e P.NET v2.0 A P.NET v4.0 A P.NET v4.0 Cl A sisci .NET Ap A faultAppPool A	di visualiz o più app • Stato Avviato Avviato Avviato Avviato Avviato Avviato	zzare e gestire l'elenco dei pool olicazioni e forniscono isolamen Vai ~ Tom Mostra tutti Raggr Versione. NET Framework v2.0 v4.0 v4.0 v2.0	to tra applicazioni div ruppa per: Nessun ra Modalità pipeli Integrata Classica Classica Classica	erse. ggruppamento  Gruppamento   Applicazioni 0 0 0	Aggiungi pool di applicazioni Impostazioni pred di applicazioni ?	efinite poo	
MyWSTelenet Nome ASP ASP Class Of Defined MyN Of MyN Of MyN Of MyN Of MyN Of MyN Of television	P.NET v2.0 A P.NET v4.0 A P.NET v4.0 Cl A issic .NET Ap A faultAppPool A	Stato Avviato Avviato Avviato Avviato Avviato	Versione .NET Framework v2.0 v4.0 v4.0 v2.0	Modalità pipeli Integrata Integrata Classica Classica	Identità ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity	0	- Guida (online)	
ASP ASP Clas Clas Defi MyA Cas MyA Cas Clas Clas Clas Clas Clas Clas Clas	P.NET v2.0 A P.NET v4.0 A P.NET v4.0 Cl A issic .NET Ap A faultAppPool A	Avviato Avviato Avviato Avviato Avviato	v2.0 v4.0 v4.0 v2.0	Integrata Integrata Classica Classica	ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity	0		
tes 🦉	WSTelenet2 A enetws A	Avviato Avviato	v2.0 v2.0 v2.0 v2.0 v2.0	Integrata Integrata Integrata Integrata Integrata	ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity	8 1 0 0 0		

If it is not present, create it by following the image below:

Gestione Internet Information Servi	ices (IIS)						
VENERE > Poc	ol di applicazioni						😰 🛛 🟠 🔞 🗸
File Visualizza ?							
Connessioni VENERE (Venere\Roberto) Pool di applicazioni Siti G Default Web Site MWWSTelenet	lavoro, contengono ur Filtro:	te di visual no o più ap • B	izzare e gestire l'elenco dei pool o plicazioni e forniscono isolament Vai v 🥁 Mostra tutti Raggr	o tra applicazioni div uppa per: Nessun ra	ggruppamento 🔻		Azioni Aggiungi pool di applicazioni applicazioni ?? Giida (online)
P T NYTSTERE	Nome ASP.NET v2.0 ASP.NET v4.0 Classic .NET AJ.0 Classic .NET AJ.0 MyWSTelenet MyWSTelenet MyWSTelenet TEST_TelenetW	Avviato Avviato Avviato Avviato Avviato Avviato	Versione .NET Framework v2.0 v4.0 v2.0 v2.0 v2.0 v2.0 v2.0 v2.0 v2.0 v2	Modalità pipeli Integrata Integrata Classica Classica Integrata Integrata Integrata Integrata Integrata	Identita ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity ApplicationPoolIdentity	Applicazioni 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Pronto	Com - Franklastoric fullz						•1.:

<u>N</u> ome:
ASP.NET v2.0
Versione .NET <u>F</u> ramework:
.NET Framework v2.0.50727 🔹
Modalità pipeline gestita:
Integrata 👻
Avvia pool di applicazioni immediatamente

ОК

Annulla

#### Add the host where the services will be published:

Gestione Internet Information Services (IIS)	
🚱 🕞 🔞 🕨 VENERE 🔸 Siti 🔺	🖸 🛛 🏠 🔞 🗸
File Visualizza ?	
Connessioni Siti	Azioni G Aggiungi sito Web
VENERE (Venere\Roberto)     Filtro:     Filtro:     Wai -      Mostra tutti   Raggruppa per: Nessun raggruppamento -	Impostazioni predefinite siti Web
Aggiungi sito Web      te     Aggiungi sito Web      te     Avviato (http), Sconosciuto (net.tcp), Sconosciuto (net.msmq), Sconosciuto (net	<ul> <li>Aggiungi sito FTP Imposta valori predefiniti sito FTP</li> <li>?</li> <li>Guida (online)</li> </ul>
🕅 Visualizzazione funzionalità 🔐 Visualizzazione contenuto	
Pronto	• <b>1</b> .:

Complete the configuration by indicating:

- 1. Site name
- 2. Physical path
- 3. IP address and port

#### For example:

		Pool di applicazioni:		
MyWSTelenet		MyWSTelenet		Seleziona
Directory contenut	0			
Percorso fisico:				
C:\PEGO\Telenet	WS\Services			
Autenticazione pa	ass-through			
Connetti come	Prova in	npostazioni		
http Nome host:	• *		▼ 81	
Esempio: www.co	ntoso.com o i	marketing.contoso.com		

Press "Select..." to set the applications Pool :

Seleziona pool di applicazioni	8	23
Pool di applicazioni:		
ASP.NET v2.0		•
Proprietà:		
Versione .Net Framework: 2.0 Modalità pipeline: Integrata		
ОК	Annulla	

After configuring, the dialog box that opens will be similar to the one in the image below:

Aggiungi sito Web					8 X
Nome sito:		Pool di applicazio	oni:		
MyWSTelenet		MyWSTelenet		Se	eleziona
Directory contenuto					
Percorso fisico:					
C:\PEGO\TelenetWS	Services				
Autenticazione pass-	through				
Connetti come	Prova imp	oostazioni			
Binding					
Tipo:	Indirizzo IF	):	F	Porta:	
http 🔻	*		•	81	
Nome host:					
Esempio: www.conto	oso.com o m	arketing.contoso.c	om		
V Avvia sito Web imme	ediatamente				
			ОК		Annulla

Close the window by pressing "OK".

Now, check if the new site in IIS is present, and make sure it is active.

Connessioni	C:+:		Az	zioni
VENERE (Venere\Roberto)	Siti - (	🗑 Vai 🗸 🐙 Mostra tutti   Raggruppa per: Nessun raggruppamento 💌	4	Aggiungi sito Web Impostazioni predefinite siti Web
Siti         Nome           Image: Siti mark         Image: Site mark           Image: Site mark         Image: Site mark	ID ault Web Site 1	Stato Avviato (http). Sconosciuto (net.tcp), Sconosciuto (net.pipe), Sconosciuto (net.msmq), Sconosciuto (	4	Aggiungi sito FTP Imposta valori predefiniti sito FTP
Wy My	VSTelenet 2	Avviato (http)		Modifica sito Binding Impostazioni di base
			) ×	Esplora Modifica autorizzazioni Rimuovi Rinomina
				Visualizza applicazioni Visualizza directory virtuali
			G	estisci sito Web 📀
			-	Riavvia Avvio Arresto
				Esplora sito Web Esplora 192.168.3.5:81 (http)
	izzazione funzionalità	Nisualizzazione contenuto		Impostazioni avanzate

#### - Make sure it operates correctly:

If the WebServices have already been installed, or after installing them, open a browser and key in the selected IP address, including the port (e.g. 81) followed by "/TelenetDataService.asmx". If it works correctly, the following page must open:



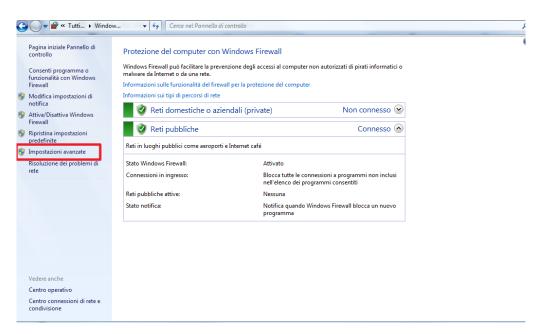
- Firewall configuration - opening the communication ports:

To enable external access to the web services, for example from Telenet installed on another PC, you must intervene in the currently active firewall on the PC to open the associated ports (in this case, port 81 and 8088).

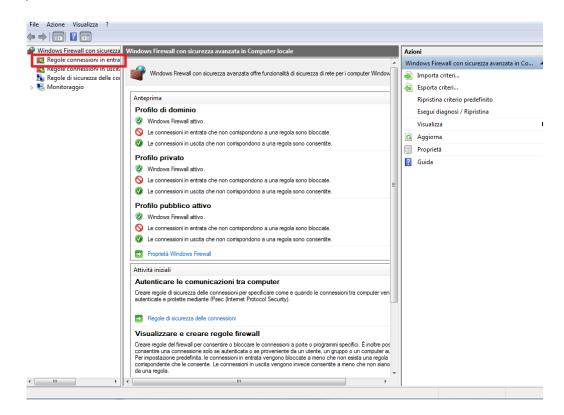
In our example, we consider that the active Firewall is Windows Firewall:

- Control panel -> Windows Firewall

Select "advanced settings":



Select "input connection rules":



#### Create a "New rule":

Windows Firewall con sicurezza	Regole connessioni in entrata				Azioni
Regole connessioni in entra	Nome	Gruppo	Profilo	Abilitata ^	Regole connessioni in entrata
Kegole connessioni in uscit: Regole di sicurezza delle con	.NET Project Upgrade Utility		Dominio	No	🐹 Nuova regola
Monitoraggio	MET Project Upgrade Utility		Dominio	No	Filtra per profilo
w wontonggio	Apache HTTP Server		Pubblico	Sì	
	Apache HTTP Server		Pubblico	Sì	Filtra per stato
	Apache HTTP Server		Pubblico	Sì	🕎 Filtra per gruppo
	Apache HTTP Server		Pubblico	Sì	Visualizza
	🐼 Diagnostica AVG 2014		Pubblico	Sì	
	🕜 Diagnostica AVG 2014		Pubblico	Sì	Aggiorna
	🕜 Dropbox		Pubblico	Sì	Esporta elenco
	🕑 Dropbox		Pubblico	Sì	👔 Guida
	🚫 eclipse		Pubblico	Sì	
	🕢 eclipse		Privato	Sì	Apache HTTP Server
	🚫 eclipse		Pubblico	Sì	Disabilita regola
	🕢 eclipse		Privato	Sì	🔏 Taglia
	🕑 Esplora risorse		Pubblico	Sì	Copia
	🕜 Esplora risorse		Pubblico	Sì	
	FileZilla FTP Client		Pubblico	Sì	🔀 Elimina
	FileZilla FTP Client		Pubblico	Sì	💿 Proprietà
	🕜 FileZilla FTP Client		Privato	Sì	[] Guida
	FileZilla FTP Client		Privato	Sì	- Contra
	MASP License Manager		Tutti	Sì	
	MASP License Manager		Tutti	Sì	
	HASP SRM Server		Pubblico	Sì	
	HASP SRM Server		Pubblico	Sì	
	🕑 Installazione di AVG		Pubblico	Sì	
	🕑 Installazione di AVG		Pubblico	Sì	
	🕑 Internet Explorer		Pubblico	Sì	
	🕑 Internet Explorer		Pubblico	Sì	
	🕑 Internet Explorer		Privato	Sì	
	🕐 Internet Explorer		Privato	Sì	
	🕢 Java(TM) Platform SE binary		Pubblico	Sì	
	🕢 Java(TM) Platform SE binary		Pubblico	Sì +	

#### Tipo di regola

Selezionare il tipo di regola del firewall da creare.

Passaggi:	
<ul> <li>Tipo di regola</li> </ul>	Selezionare il tipo di regola che si desidera creare.
Protocollo e porte	
<ul> <li>Operazione</li> <li>Profilo</li> </ul>	Programma Regola che controlla le connessioni per un programma.
Nome	Porta Regola che controlla le connessioni per una porta TCP o UDP.
	<ul> <li>○ Prgdefinita:         <ul> <li>Assistenza remota</li> <li>✓</li> <li>Regola che controlla le connessioni per una funzione di Windows.</li> </ul> </li> <li>○ Pergonalizzata         <ul> <li>Regola personalizzata.</li> </ul> </li> <li>Ulteriori informazioni sui tipi di regole</li> </ul> <li>✓ Indietro Avanti &gt; Annulla</li>

Specify the port associated with the site (in IIS) and the port 8088:

💣 Creazione guidata nuova re	egola connessioni in entrata	x									
Protocollo e porte											
Specificare i protocolli e le porte a cui applicare la regola.											
Passaggi:											
Tipo di regola	Selezionare se applicare la regola al protocollo TCP o UDP.										
Protocollo e porte	TCP										
<ul> <li>Operazione</li> </ul>	© UDP										
Profilo											
Nome	Selezionare se applicare la regola a tutte le porte locali o a porte locali specifiche.										
	Tutte le porte locali										
	O Porte locali specifiche: 81, 8088										
	Esempio: 80, 443, 5000-5010										
	Ulteriori informazioni su protocolli e porte										
	< Indietro Avanti > Annulla										

Decide on the type of rule application according to the type of access you wish to supply:

Operazione						
Specificare l'operazione da ese	guire quando una connessione corrisponde alle condizioni specificate nella regola.					
Passaggi:						
Tipo di regola	Selezionare l'azione desiderata per le connessioni che soddisfano le condizioni specificate.					
Protocollo e porte	Onsenti la connessione					
Operazione	Include le connessioni protette con lPsec e quelle non protette.					
<ul> <li>Profilo</li> <li>Nome</li> </ul>	<ul> <li>Consenti golo connessioni protette Include solo le connessioni autenticate mediante lPsec. Le connessioni saranno protette con le impostazioni delle regole e proprietà lPsec nel nodo Regole di sicurezza delle connessioni.</li> <li>Personalizza</li> <li>Blocca la connessione</li> </ul>					

<sup>p</sup> assaggi:					
Tipo di regola	Selezionare il tipo di applicazione della regola.				
Protocollo e porte					
Operazione	Dominio				
Profilo	Regola applicabile ai computer connessi al rispettivo dominio aziendale.				
Nome	✓ Privato				
	Regola applicabile ai computer connessi ad un percorso di rete privato.				
	<u>         Pubblico</u>				
	Regola applicabile ai computer connessi ad un percorso di rete pubblico.				
	I the start for forward and an effet				
	Ulteriori informazioni sui profili				

To check operation remotely, use another PC that falls within the selected access and run the same test carried out in the previous paragraph.

If it works correctly, the following page must open:

	TelenetDataService Servizi ×										
	← → C ☆ D 192.168.3.5:81/TelenetDataService.asmx										
be	🔛 Арр	<b>B</b> (	🎂 RM	C Monte Carlo N	쑭 Virgin Radio Italia	Vintage Cafe Loung	8 Concetti di base di	8 AdWords	<b>O</b> mozilla/pdf.j		
ior											
∘Si et	Le operazioni supportate sono elencate di seguito. Per una definizione formale, vedere la descrizione del servizio.										
	GetCommand										
	<u>GetConfigurationInfo</u>										
		•	GetDe	vice							
		•	<u>GetDe</u>	vice_Dataset							
		•	<u>GetTP</u>	C							
- 1			GetTP	CItem							

GetTPCItem

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