

Install RFM Gold and Wampserver



Purpose:

Guide for NEWSTEO Collector database hosting:

- When the hosting is done on the server of the customer
- With a NEWSTEO DB Monitor interface

Technical Assistance:

For any question, remark or suggestion concerning this product, please contact your retailer.



1	OVERVIEW OF A PARK RF MONITOR GOLD	3
1.1	1 GENERAL DESCRIPTION:	3
1.2	2 OPERATING MODE FOR LOGGERS	4
2	BEFORE THE INSTALLATION	5
2.1	1 IMPORTANT REMARKS BEFORE THE INSTALLATION	5
2.2	2 ANTENNA ASSEMBLY	5
3	CREATE YOUR DATABASE WAMPSERVER	5
3.1	1 STOP MySQL service (IF YOU WERE USING THE RF MONITOR SOFTWARE)	5
3.2	2 WAMPSERVER INSTALLATION	6
	3.2.1 Install Wampserver from your installation CD	6
	3.2.2 Create your Database	
	3.2.3 Mail Server configuration for collectors	
3.3	3 PLANNIFICATION OF THE TASKS WINDOWS	
	3.3.1.1 Test the presence of the COL	
	3.3.1.2 Automatic generation of reports	14
	3.3.1.3 Backup of the database	16
4	INSTALL AND START RF MONITOR	21
4.1	1 INSTALL RF MONITOR (NEWSTEO KIT)	21
4.2	2 CONNECT RF MONITOR TO YOUR DATABASE	23
5	START YOUR LOGGERS AND USE RF MONITOR	
5.1	1 START THE LOGGERS	25
5.2	2 CONFIGURE YOUR LOGGER	
	5.2.1 Configure the Identification	
	5.2.2 Configure the channel – RF settings	
	5.2.3 Configure the period of measure and/or change Mode– Time & Period	
	5.2.4 Configure the thresholds	
5.3	3 USER MANAGEMENT	29
6	ANNEXE – YOU CAN'T REMEMBER YOU IP ADDRESS	22
•		

1 Overview of a park RF Monitor Gold



- Configure periods of measure, thresholds, and alarms on the loggers
- Configure the way of functionning (See. Page 4)
- Display measures, generate CSV or PDF files
- Gather measures from loggers related to this site (via a RF-to-USB key)
- Fill the remote database (Newsteo plateform)

It is possible to access the database using the DB Monitor software supplied. Consultation stations are not equipped with RF-to-USB key or loggers, they show only the data from the database. It is also possible to display the measurements via the web application WebMonitor.

Attention, the Webmonitor web application does manage different users' rights. Any user who connects gets all rights.



1.2 **Operating Mode for loggers**

The loggers are configured by default in "*Monitoring*" mode. They could be configured in "Live/Record" mode (Cf.).

Measures received by the software RF Monitor **can be stored in CSV files**, in the **database** or in a **PDF reports** (for the Record Mode). By default, all way of storing data are activated. Whatever is the operating mode of the logger, the stored measures will be **time/date stamped**.

The choice of the mode will depend on the application type:

<u>Monitoring Mode</u>: This concerns the applications of real-time *Monitoring* with the **control of the measures**, where all the **measurement history must be preserved**. Thanks to an embedded memory in each logger, the transmission of all data is guaranteed even in case of a cut off of transmission. The Monitoring Mode enables to **visualize measures and to trace alerts in real-time**.

Exemple of application: Supervision of temperature in a warehouse.

Operating principle:

- The logger takes measures in the configured period (10s default) and sends it to the PC, with acknowledgment of receipt.
- If there is no acknowledgment of receipt for the measure by the RF-to-USB key (key not connected, PC power-off, RF-Monitor not running, communication problem...), the logger records the measure in its memory buffer (up to 32000 measures). Once communication is restored, the measures buffers are automatically sent by the logger to the PC.
- RF Monitor displays the measure, recordes it in the remote database, and gives alert if it is outside defined thresholds (audio, email, SMS, switching relay ...)
- <u>"Live/Record" Mode:</u> It is used for measurement campaigns with consultation/treatement of data aposteriori, without possibility of tracing the real-time alerts. "Live" mode allows you to check the operation of the logger and "Record" mode corresponds to the registration campaign measures.

Exemple of application: Data logger for measuring temperature, humidity and shock for the transport of goods (museums - paintings, aviation, transport measuring benches, refrigerated foods ...)

Operating principle:

- Start : in 'Live' Mode, the logger takes any action in the Live period set (10 sec default), and sends it to the PC. RF Monitor displays the measurements without recording them. The user can control the operation of the Logger. He can set alert thresholds and set the measurement period required for the measurement campaign to come.
- The user then selects 'record' mode to start its measurement campaign.
 During this recording campaign:
 - Every minute, the logger sends a presence signal to indicate its state, alerts and the number of measurements in memory.
 - The logger takes its measurements according to the 'record' period (10 minutes by default) and saves them systematically in its memory.
- At the end of the measurement campaign, the user stops the recording, and the logger goes to 'Live' mode. From then on, the user can retrieve all the measures of the campaign on his PC by performing a single restitution.

The measurements are then downloaded and stored in the remote database. Only one logger can record multiple campaigns in a row.

2 Before the installation

2.1 Important remarks before the installation

- You must have a fixed IP address
- Ensure that the Windows firewall will not block the HTTP port (default 80) and the SQL port (3306 by default).
- It is important to be administrator of the machine to install WampServer
- The installation must be performed by the network administrator
- IF BEFORE YOU WERE USING THE RF MONITOR GOLD SOFTWARE, it is necessary to stop the MySQL service
- We recommend the use of Google Chrome
- Not fully compatible with Internet Explorer

2.2 Antenna assembly

Manually Screw the antennas, one on the Logger (small one: 1/4 wavelength or big one: ½ wavelength depends on kits) and the other one on the RF to USB key (small one: ¼ d'onde). **Manually Connect the probes** (if it is needed for your products).

The level of tightness of the product is valid only if the probes and antennas are properly tightened (seals crushed). HOWEVER DO NOT USE A TOOL TO SCREW THE ANTENNAS AND THE PROBES

3 Create your Database Wampserver

3.1 Stop MySQL service (If you were using the RF Monitor software)

 Start the service manager : services.msc Enter services.msc in the Starting menu Press [Entrer] 	Programs (1) Services.msc See more results Services.msc X Shut down Shut down Shut down
- Right click on MySQL then click Properties	Multimedia Class Enables relax. Right Click Aut Stop Pause Aut NySQL Aut Prove Click Aut Stop Pause Aut Provides abi Disa Restart al Syste al Syste al Syste al Syste al Service Aut Stop Pause Restart al Syste Aut Prove Click Aut Stop Pause Restart al Syste
 Change the Startup type : Change « Automatic » to « Deactivated » Click on Stop Click on OK 	Propriétés de MySQL (Ordinasteur local) Général Commation Récupiération Dépendences Nom du service : MySQL Description : C Charger Ref. Addes : C Charger Ref. Addes : C Charger Ref. Addes : C Charger Ref. MySQL MySQL Server 5.1 bin insystdit - defaults file="C" Tope de demanse: Detactrie Obtenir la facile pour confourer les contons de demanses des services. Bat du service : Démanné Obtenir la cuber de démanses du la lapolaguer du demange du services. Paramètres de démanses: Paramètres de démanses:
 The MySQL service state is now « Deactivated » Close Management Services window 	Moteur de filtrage Le moteur d Dém Automatique MySQL Dém Désactivé Netlogon Maintient u Manuel



3.2 Wampserver installation

3.2.1 Install Wampserver from your installation CD

 Insert you installation CD in the reader and click on: Open folder to view files Open : Tools\Newsteo_Gold_Server Double Click on Newsteo_Gold_Server.bat to start the installation 	iii)) AutoPlay iiii)) DVD RW Drive (D:) Newsteo Kit iiiii))) DVD RW Drive (D:) Newsteo Kit Always do this for software and games: Install or run program from your media iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
Click Yes	Windowskystent32chedeee Windowskystent32chedeee Windowskystent32chedeee Windowskystent32chedeee Windowskystent32chedee Windowskystentation Windowskystent32chedee Windowskystent32chedee
Select the language to perform the installation At starting, the user guide of the collector is automatically opened You can also get the user guide by clicking on Help The IP address of your computer is automatically detected. First create the Server by selecting Server Creation Click Create wait	Newstee Gold Server V3.0 Languages Inserver creation and scripts Address 192.168.0.80 Port 80 Current state: Create Cocconnon Name Cocconnon Name Cocconnon Current state: Create Create Create
Click OK	Application information information initial Microsoft Visual C++ redistribution package, choose default parameters. OK

Then Keep all the default parameters exept for the options "Create a quick launch icon" and "Create a desktop icon"	of Microsoft Visual C++ 2008 Redistributable Setup (대학 문화) (대
Accept the agreement when needed	This wizard will guide you through the installation process.
Click Next	
	Next> Cancel
Select I have read and accept the license terms	Microsoft Visual C++ 2008 Redistributable Setup
	License Terms
Click Install	Be sure to carefully read and understand all the rights and restrictions described in the locense terms. You must accept the locense terms before you can install the software.
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	These kerne terms are an agreement between Microsoft Corporation (or based on where you live, one of its affattes) and you. Presere and them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft Print.
	Press the Page Down key to see more text.
	(I have read and accept the license terms.
	< Back Instal Cancel
Click Finish	Microsoft Visual C++ 2008 Redistributable Setup
	Setup Complete
	Microsoft Visual C++ 2008 Redistributable has been successfully installed.
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Select I accept this agreement	Setup - WampServer 2
	License Agreement Please read the following important information before continuing.
Click Next	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
	*** WampServer
	by Creator Maintainer / UpgradejRoadmap : Herve Lederc - herve,lederc@alterway.fr
	GNU GENERAL PUBLIC LICENSE Version 2, June 1991
	Copyright (C) 1989, 1991 Free Software Foundation, Inc.
	I do not accept the agreement
	< Back Next >> Cancel
Click Next	Setup - WampServer 2
	Select Destination Location Where should WampServer 2 be installed?
	Setup will install WampServer 2 into the following folder.
	To continue, click Next. If you would like to select a different folder, click Browse.
	Browse
	At least 216.0 MB of free disk space is required.
	Carrel
Select Create a quick launch icon	Setup - WampServer 2
	Which additional tasks should be performed?
Select Create a desktop icon	Select the additional tasks you would like Setup to perform while installing WampServer 2, then click Next.
	Additional icons:
Click Next	Create a Desktop icon
	< Back Next> Cancel
Click Install	🐼 Setup - WampServer 2
	Ready to Install Setup is now ready to begin installing WampServer 2 on your computer.
	Click Install to continue with the installation, or click Back if you want to review or change any settings.
	Destination location:
	Additional tasks: Additional icons:
	Create a Quick Launch Ion Create a Desktop icon
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Wait	< Back Instal Cancel
Choose your default browser	Please choose your default browser. If you are not sure, just click Open :
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	Open • Cancel

Click Next	Setup - WampServer 2 PHP mail Byourdomain Setup - WampServer and the adresse mail to be used by PHP when using the function mail(). If you are not sure, just leave the default values. SetTP: Icoshost Emai: Jmail Byourdomain
Click Finish	Setup-WampServer 2 Setup-WampServer 2 WampServer WampServer Powered by Alter Way The French Open Source Service Provider Anthywalterway,fr Apsche : 2.5.2.21 Wrost : 2.5.2.2
Wait Wait Wait	PHP* : 5.3.10 PHPtytadm: 3.4.10.1 SqlBuddy : 1.3.3 XDebug : 2.1.2
Click OK	Application information Server creation Success. To be complete, please restart your PC. OK
Click [X] to close the windows Restart your computer	



3.2.2 Create your Database

 Open-close your CD reader and click on: Open folder to view files Open : Tools\Newsteo_Gold_Server Double Click on Newsteo_Gold_Server.bat to start the installation If the installation doesn't start automatically:	i)) AutoPlay i)) AutoPlay Image: Constraint of the second secon
Click Yes	Consider the standard st
You can save the user guide on your computer	Newstee Gold Server V13 Device Gold Server V13
Newsteo recommand you to archive your Wamp server. Click Yes	Information Lease Newsteo vour recommande d'archiver votre serveur wamp. Voulez-vous continuer?
Wait Wait Wait	Oui Non
Accept the update of your scripts Click Yes Wait Wait Wait	Information Voules-vous remettre à jour les scripts? Pour vote information, un fichier scripts, data sig ses cele automatiguement dans le régentaire vamp ² vous. Les
Select the language to perform the installation At starting, the user guide of the collector is automatically opened You can also get the user guide by clicking on Help	Newstep Gold Server V3.1 Languages T. Server creation and scripts
Select Database creation Enter a Name and a Password Remember also the IP Adress Click CreateWaitWait	Address 192.156.0.80 Pert 80 Current state : Installation du serveur réussie. Create Create Create Create Current state : Current state : Create Create
Once the database is created, you get the message : Creation of Database COLxxxxx OK in the first tab of your browser	thtp://192.168.0.80/create_server4.php?tn=COL000018.clear_pued=COL
Click [X] to close the windows or Configure the email (see 3.2.3 Overview of a park RF Monitor Gold)	Areate Gold Solar V13 Language page page Identified Solar V13 Language page Identified Solar Solar Page Port Identified Control Solar Control S

3.2.3 Mail Server configuration for collectors

Select Mail Server Configuration for c	ollectors	3.Mail server configuration for collectors
Please contact your network administ parameters	rator to configure the SMTP	SMTP server smtp.gmail.com SMTP Port S87 Securization tts Login user@gmail.com
Enter the name of your database in th	e database field	Password user
Verify that the serial number of your C necessary in the email configuration V Enter also the recipient email address For several recipient, separate the em	COL is correct and modify it if Vindow for this COL. ail addresses by a comma.	Emails addresses Database COL000001 B COL000001 Urbewsteo grgmal.com,test @newste . Test mails Configure
If you have several collectors, click on enter the recipient email addresses fo	[+] to and a COL in the list and r this COL.	Emails addresses Database COL000001 tdnewsteo@gmail.com,test@n + + B COL000002 Itdnawsteo@gmail.com
Click on Test mails		
Click OK Verify your emails box		Application information
Click on Configure		Test mails Configure
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	Hchier Edition Recherche Affichage Encodage Langage Image: State St	Parametrage Macro Exécution Compléments Documents ?

3.3 Plannification of the tasks WINDOWS

Click WINDOWS icon	Programs (1)
Enter the command: Task Scheduler	See more results
Press Enter	Task Scheduler × Shut down +

3.3.1.1 Test the presence of the COL

Select Task Scheduler Library	Task Scheduler File Action View Help
Right click in the main screen	 ← ⇒ 2 m II m P Task Scheduler (Local)
Click Create New Task	Right click Create Basic Task Create New Task Import Task Refresh
In the General Tab, enter the name of the task:	() Create Task
_NEWSTEO_COL_PRESENCE	General (Trigger) Actions Conditions Settings Name:
Select the options as on the opposite screen shot	Author: WIN-A02FS95TEOV\QA Description:
	Security options When running the task, use the following user account: WIN-A02FS95TEOV\QA Change User or Group
Click the Tab Triggers	Hidden Configure for: Windows Vista [™] , Windows Server [™] 2008
In the Triggers Tab, click New	Create Task General Trigger Actions Conditions Settings When you create a task, you can specify the conditions that will trigger the task. Trigger Details Status
	Edit Delete

Select the options as on the opposite screen shot	New Trigger
	Begin the task: On a schedule •
	Settings
	One time Suite 1/12/2023 Suite 1/12/2023 Suite 2/12/2023 Suite 2/12/2
	Weekly Recur every: 1 days
	Advandantion
	Advanced settings Delay task for up to (random delay): 1 hour
	(7) Repeat task every: 10 minutes for a duration of: 1 day
	Stop all running tasks at end of repetition duration
	Expire: 14/10/2014 • 11:43:23 • Synchronize across time zones
	@Enabled
Click OK	OK Carrel
The details of the triggers appear now in the window	() Create Task
Triggers ->	General Unggers Actions Conditions Settings When you create a task, you can specify the conditions that will trigger the task.
	Time Date
	Daily At 00:00 every day - After triggered, repeat every 10 minutes for Enabled
	New Edit Delete
Click the Tab Actions	OK Cancel
In the Actions Tab, click New	Create Task
	General Triggers Actions Conditions Settings
	When you create a task, you must specify the action that will occur when your task starts.
	Action Details
	New. Edit Delete
	OK Cancel
Complete the window as on the ennesite screen shot	New Artion
complete the window as on the opposite screen shot	
	Tou must specify what action this task will perform.
	Action: (Start a program)
	Deserver
	C:\wamp\bin\php\php5.3.10\php.exe
	Add arguments (optional):
	Start in (optional):
	C:\wamp\www\col_alarm_presence_01_launch.php
	OK Cancel
The details to start the program appear now in the	© Create Task
window Actions	When you create a task, you must specify the action that will occur when your task starts.
	Action Details
	Start a program C:\wamp\bin\php\php53.10\php.exe C:\wamp\www\coLalarm_presence
	New Edit Delete
Click the Tab Conditions	OK Cancel



You shouldn't have to modify anything in this window. Just verify that you have the same thing as on the opposite screen shot. Click the Tab Settings	Create Task General Triggers Actions Conditions Cettings Specify the conditions that, along with the trigger, determine whether the task should run. The task will not run if any condition specified here is not true. Idle Start the task only if the computer is idle for: Wait for idle for: Stop if the computer ceases to be idle Restart if the idle state resumes Power Stop if the computer switches to battery power Stop if the computer switches to battery power Wake the computer to run this task Network Network Any connection
Complete the window as on the opposite screen shot	© Create Task
Click OK	Specify additional settings that affect the behavior of the task. Image: Specify additional settings that affect the behavior of the task. Image: Specify additional settings to restart up to: Image: Stop the task if it runs longer than: Image: Stop the task if it runs longer than: Image: Stop the task if it runs longer than: Image: Stop the task if it runs longer than: Image: Stop the task is not scheduled to run again, delete it after: If the task is already running, then the following rule applies: Stop the existing instance
The Task _NEWSTEO_COL_PRESENCE appears now in the window Task scheduler.	OK Cancel Image: Concel Image: Concel Image: Concel Im

3.3.1.2 Automatic generation of reports

Select Task Scheduler Library	Task Scheduler
Right click in the main screen	File Action View Help
Click Create New Task	Task Scheduler (Local) Task Scheduler Library Status Triggers
	Create Basic Task Create New Task Import Task Refresh

In the General Tab, enter the name of the task:	(i) Create Task
WEBMONITOR Automatic Generation of reports	General Triggers Actions Conditions Settings
	Name:WEBMONITOR_Automatic_generation_of_reports
	Location: \
Select the options as on the opposite screen shot	Author: WIN-A02FS95TEOV/QA
	Description:
	Security options
	WIN-A02FS95TEOV\QA Change User or Group
	Run only when user is logged on
	Run whether user is logged on or not
	Do not store password. The task will only have access to local computer resources.
Click the Tab Triggers	Run with highest privileges
	☐ Hidden Configure for: Windows Vista™, Windows Server™ 2008
	OK Cancel
In the Triggers Tab. click New	Create Task
In the Higgers rab, the New	Coursel Company Anione Constitution Entring
	General Triggers Actions Conditions Settings
	When you create a task, you can specify the conditions that will trigger the task.
	Trigger Details Status
	New Edit Delete
	OK Cancel
Select the options as on the opposite screen shot	New Trigger
	Regin the tark (On a schedule
	Settings
	Start: 14/10/2013
	Weakhy Recur every: 1 days
	Monthly
	Advanced rettings
	Delevited for up to (an deer delev). It have
	Persy task for up to (random delay). I nour
	Ston all running tacks at and of renetition duration on: I day
	Stop task if it runs longer than: 3 days
	Finite: 14/10/2014 Ty 16/28/20
	Image: Weight of the second secon
	OK Cancel
The details of the triggers appear now in the window	() Create Task
Triggers	General (riggers) Actions Conditions Settings
	When you create a task, you can specify the conditions that will trigger the task.
	Trigger Details Status
	New Edit Delete
	UK Cancel
Click the Tab Actions	
In the Actions Tab alia! Now	Create Task
In the Actions Tab, CIICK New	
	General Triggers Actions Conditions Settings
	When you create a task, you must specify the action that will occur when your task starts.
	Action Details
	New) Edit Delete
	OK Cancel



Complete the window as on the opposite screen shot	New Action
	You must specify what action this task will perform.
	Action: Start a program
	Settings
	Program/script:
	C:\wamp\bin\php\php5.3.10\php.exe Browse
	Add arguments (optional):
	Start in (optional):
	C:\wamp\www\col_generation_auto_rapports_launch.php
	OK Cancel
The details to start the program appear now in the	() Create Task
window Actions	General Triggers Actions Conditions Settings
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	I Vetw Loit Delete
Click the Tab Conditions	OK Cancel
You shouldn't have to modify anything in this window.	© Create Task
Just verify that you have the same thing as on the	General Triggers Actions Conditions Settings
opposite screen shot.	run if any condition specified here is not true.
	Wait for idle for: 10 minutes +
	✓ Stop if the computer ceases to be idle □ Restart if the idle state resumes
	Power Visit the task only if the computer is on AC power Visit the task only if the computer is on AC power Visit the task only if the computer is on the task only if the task
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Click the Tab Settings	Start only if the following network connection is available:
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Just verify that you have the same thing as on the	Specify additional settings that affect the behavior of the task.
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	Run task as soon as possible after a scheduled start is missed
	I the task fails, restart every:
Click OK	Attempt to restart up to: 3 times
	☑ If the running task does not end when requested, force it to stop
	If the task is not scheduled to run again, delete it after:
	If the task is already running, then the following rule applies:
	Do not start a new instance 🔻
	OK Cancel
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_WEBMONITOR_Automatic_Generation_of_reports	File Action View Help
appears now in the window Task scheduler .	Task Scheduler (Local) Name Status
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Select Task Scheduler Library	Task Scheduler Elle Action View Help
Right click in the main screen	← ⇔ ≥ □ II □
Click Create New Task	Name Task Scheduler Library Name Name Name
In the General Tab, enter the name of the task: _NEWSTEO_BACKUP	© Create Task
Select the options as on the opposite screen shot	Author: WIN-AO2FS95TEOV\QA Description: Security options
	When running the task, use the following user account: WIN-A02FS95TEOV\QA Change User or Group Run only when user is logged on Run whether user is logged on or not Do not store password. The task will only have access to local computer resources. Win with highest privileges
Click the Tab Triggers	Hidden Configure for: Windows Vista ⁷⁴ , Windows Server ⁷⁴ 2008
In the Triggers Tab. click New	Create Task
	When you create a task, you can specify the conditions that will trigger the task. Trigger Details Status New Edit Delete OK
Colort the options as on the opposite screen shot	New Trigger
Click OK	Begin the task: On a schedule Settings One time ③ Daily Recur every: 1 days Advanced settings Delay task for up to (random delay): 1 Begin the task: One time Stop all running tasks at end of repetition duration Stop all running tasks at end of repetition duration Stop task if it runs longer than: 3 days Expire 15/10/2014 * 11:17:40 Synchronize across time zones
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Triggers -	General Triggers Actions Conditions Settings When you create a task, you can specify the conditions that will trigger the task. Trigger Details Daily At 01:00 every day Enabled
Click the Tab Actions	Veixe OK Cance



In the Actions Tab. click New	() Create Task
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	When you create a task, you must specify the action that will occur when your task starts.
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Select Local Disk (C:)_NEWSTEO_BACKUP	Computer > Local Disk (C:) > _NEWSTEO_BACKUP < 4
Right click in the main screen	Organize Include in library Share with New folder
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	Action: Start a program Settings Program/script: C:\NEWSTEO_BACKUP_Newsteo_backup.bat Add arguments (optional): Start in (optional): OK Cancel
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Click the Tab Conditions	OK Cancel
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Click OK	If the task is already running, then the following rule applies: Run a new instance in parallel OK Cancel
The Task _NEWSTEO_BACKUP appears now in the Task scheduler window.	C Task Scheduler
Close the window Task Scheduler	① Task Scheduler (Local) Name Status Triggers > ▲ Task Scheduler Library Artions > ▲ NEWSTEO_BACKUP Ready At 1000 eve ●

4 Install and start RF Monitor

If you were using the RF Monitor software before this installation, refer directly to paragraph 2

This installation concerns the WORKSTATION N°1 located on the first area of measures. The following steps have to be repeated for each new workstation (you have one workstation per RF-to-USB KEY) (Cf. 1 Overview of a park RF Monitor Gold)

▲ DO NOT CONNECT THE RF-TO-USB KEY BEFORE THE REQUEST

4.1 Install RF Monitor (Newsteo Kit)

Insérer la clé USB Newsteo Double Cliquer sur : NewsteoKit_vx.xx_aaaammjj_setup.exe Ou télécharger Newsteokit_vx.xx.x_yyymmdd_setup.zip à partir de: http://support.newsteo.com/customer/en/portal/articles/1133777-rf- monitorinstallationmise-%C3%A0-jourlogiciel	helpme_files helpme.html NewsteoKit_v7.13.3_20160212_setup.exe
Insert you installation CD in the reader. Click on Run NewsteoKit_vx.xx.x_yyyymmdd_setup.exe in the AutoPlay window If the installer does not start automatically, launch NewsteoKit_vx.xx.x_yyyymmdd_setup.exe file from the CD-ROM of the kit.	i)) AutoPlay i)) DVD RW Drive (D:) Newsteo Kit i)) DVD RW Drive (D:) Newsteo Kit install or run program from your media i
Select the Language Click OK	Installer Language Please select a language. English CK Cancel
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Click Install	Newsteo Kit (v7.12.8_20131210) Setup
	Choose Install Location Choose the folder in which to install Newstee Kit
	 KFT (v7.12.8_20131210). Setup will install Newsteo Kit (v7.12.8_20131210) in the following folder. To install in a
	different folder, click Browse and select another folder. Click Install to start the installation.
	Destination Folder
	El Program Files (x86) Newsteo Browse
	Space required: 29.8MB Space available: 30.6GB
	Nullsoft Install System v2.33
Click OK	Newsteo Kit (v7.12.8_20131210) Setup
	Please wait while Newsteo Kit (v7.12.8_20131210) is being installed.
	Output folder: C: (Program Files (x86)) Wewsteo (RFtoUSBKey) drivers
	Extract: slaby D Newsteo Kit (v7.12.8_20131210) Setup
	Extract: Wdf Extract: slabe Extract: slabe Extract: slabe
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	Nullsoft Install System v2.33
	< Back Next > Cancel
Click Next	CP210x USB to UART Bridge Driver Installer
	Welcome to the CP210x USB to UART Bridge Driver Installer
	This wizard will help you install the drivers for your CP210x USB to UART Endge device.
	To continue, click Next.
	< Back Nex Cancel
	CD210x LISB to LIAPT Bridge Driver Installer
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Select I accept this agreement Click Next Click Finish Click Finish	<complex-block></complex-block>

4.2 Connect RF Monitor to your Database

After the restart of your computer,	Open Troubleshoot compatibility
Click on Run as administrator	Copen file location Run as administrator Pin to Taskbar Pin to Start Menu
Select the Language	FRMonitor : Configuration wixard FRMonitor flist run
Click Next	Home Welcome, Oncreal Please follow the steps to finalize #Monitor setup Lonco Provide the steps to finalize #Monitor setup Data denoge Tou will be able to modify software preferences later trough software options. About Language, Before proceeding, please select software language in list above : Englab
Click Next	RFMontor : Certiguration wizard RFMonitor first run
<u>Remark</u> : The configurations can be changed later in the program options of RF Monitor, once the installation is done.	Home General settings Ocneral Please select date/time used to configure device's time Linnon @ C C loca time Data storage @ C L C loca time About
	PEMonitor - Configuration without
At the request of the setup wizard, remove the label "Install the software before inserting!" of your RF-to-USB Key Insert the RF-to-USB key preferably using the USB extension	Forme Usence General Usence Data storage About
Click Next	FrMonitor: Configuration wisard RefMonitor first run
	Home Licence General Vou have connected the following USB licenced device : KEY00053A. Data storage USB device's licence is : GOLD
Click Configure	BFMonitor : Configuration witard
	Bit Storage Data storage Deneral Data base : Data storage October (if y you choose between a local database (such as a PREMUM licence) and a MyGQ database. Data storage October (if y you choose between a local database (such as a PREMUM licence) and a MyGQ database. About October (if y you choose between a local database (such as a PREMUM licence) and a MyGQ database. About October (if y you choose between a local database (such as a PREMUM licence) and a MyGQ database. About October (if y you choose between a local database must be configured to the store (if his folder. Discovering that each system user has the permission to access this folder (CUIserVAsidoDocement User access rights problemit, default neet folder path has the permission to access this folder (CUIserVAsidoDocement User access rights problemit, default neet folder path has the permission to access this folder (CUIserVAsidoDocement User access rights problemit, default neet folder path has the permission to access this folder (CUIserVAsidoDocement User access rights problemit, default neet folder path has the permission to access the permissio



Remember the name, the password and the IP adress of the Database	Database connection settings
which has been created in paragraph 3.2.2 Create your Database	🔘 local database
	Remote database :
Select Remote Database	Database type : MySQL -
Fill Hostname with the IP adress	Hostname: 192,168,0,80
Fill the Username and Use the existing database name with the Name	HTTP Encapsulation :
Fill the Password with PassWord	Port: 3306
	Username: COL000001
Click Check Connection	Password :
	Use existing database : COL000001
You get the message "Database connection test succeed"	
	Check connection
Click OK	
Click Save	
Click Next	FMonitor : Configuration wizard
	RFMonitor first run
	Home Data storage General Database :
	Licence GOLD licence let's you choose between a local database (such as a PREMIUM licence) and a MySQL database. Data storage
	About Database configured
	Documents root folder : All documents generated by the application (csv reports, pdf reports, charts, local database,)
	will be stored in this tooleer. Please verify that each system user has the permission to access this folder
	C-WiterNPAde/Document/NEWSTE01RPMonko C-WiterNPAde/Document/NEWSTE01RPMonko Beware, since this version, to prevent user access rights problems, default root folder path has changed I
	🔹 < Back 🖉 🖓 Kes > 🗶 Frish
If you access the database for the first time, enter an Administrator ID	FFMonitor : Configuration wizard
and associated nassword in the « About » window of the Configuration	RFMonitor first run
wizard (you will not have to do that again for the installation of the	Home Security : create administration account General Database www.have selected is a new database.
other workstations)	Licence You have to create an administrator account that will manage users, groups, and permissions. Data storage
	About Administrator username : admin
Enter an Administrator Username	Password:
Enter and confirm the Password	While you will click on finish, you will be connected with the administrator account.
	To manager users and groups, open the menu Tools > Manage users
Click « Next »	de clack de Netz) X Frah
At the end of the wizard, click Finish to launch RF Monitor	FRMonitor: Configuration witard
	RFMonitor first run
	Home Software version : 4.3.0.4 General Software snapshot :
	Licence Menu Data storage
	About Identified devices list Right clic to open control menu
	Non-control Non-control Non-control Non-control Non-control Non-control Non-control Display and configuration tabs
	To display measures stored in database, open menu Database -> measures
	+ cBack + Net > K
In the window « Login », enter the user name and the password you	Login Please identify yourself to open the program
chose just before.	• Usenana: admin
Click « <i>Connection</i> » to launch RF Monitor.	Parsend: GOLD • Local mode: (admin only)
	(D Corrector)
RE Monitor is starting	RFMonitor PREMIUM - 7.8.7.0 - workspace_2013-12-24.xml
The information about your key RE-to-LISB are displayed in the tab Key	File View Database Tools Settings ? Description Producttype Alerts Configur ID Serial number Battery RF settings N
control of RE Monitor	No telemeter was detected. Pass the magnet or connect USB device.
	۰
The USB Key is on the channel 1 which is the channel for startup for all	✓ III → → ✓ Key control Command lat. (a = b) ♥ Ø Command lat. (b = b) = (b = b) ♥
The USB Key is on the channel 1 which is the channel for startup for all Newstep products	Key control Commond tet (ar et) = RCDM Key trail number RF tettings Key hardware Key firmware Baud rate License type COMS KEY1000433 DHEDID 048m 30. KEY121 V19.0.0 625000 Gold D

5.1 Start the loggers

For each logger you have, repeat the following process:



5.2 Configure your logger



Install RFM	Gold ar	nd Wampserv	er
-------------	---------	-------------	----

5.2.1 Configure the Identification

For each logger that you have:	LOCODOCEA : Configuration Time & Pendar Time & Pendar
Click on Devices identification	Poschtype: L06222 Primaervension: 236 Firmwarvitype: Monitoring
 → You can change the device ID (ex: 1, 2) → You can change the Devices description (ex: warehouse) 	
Click on Send	X Restor
	X Pettre 🖉 (and) 🗶 Core

5.2.2 Configure the channel – RF settings

You started RFMonitor with the RF-to-USB key and your logger(s) by default on the channel 1 which is the channel for startup.

You must now change the channel:

- Use the securization of the channel **if this option is available for all your loggers** (available for **all LOG** also available for **all LGR which have a "Calibration usine**")
- You must first modify the channel of all your loggers then the channel of your Repeaters (if you have some) before modifying the channel of RF-to-USB
- The loggers, Repeaters and the RF-to-USB must have the same channel to communicate

 For each logger that you have: Click on RF Settings → Select a working channel different from the channel 1 	Device identification RF Setting: Time & Period Vero Firmware Radio channel Localization: Boot channet Chi EU1 Working channet Dit 7: (867 BMH2) Power consumption
➔ Activate the security	Dutput power:1104Bm 30mA, ↓ Default is +1048m Sensitivity: @ High © Low Default is High
<u>Note:</u> Chanel	Canal securization
Security	
Click on Send	X Restore K Send" K Cancel
Pass the magnet on your logger to send the command or wait 2mn	

ol operated by

18/09/1

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5.2.3 Configure the period of measure and/or change Mode- Time & Period

The Loggers work by default in "Monitoring" mode with a measurement period of 10 seconds





In Firmware mode, select Live/record Mode or Monitorin Most of the applications need the <i>Monitoring Mode</i> . In Period settings, set the corresponding period of measu → Select Normal to give a value in hours an → Select Fact to give a value in second leave	ng Mode (refer to <i>1.2 Operating Mode for loggers)</i> re. d/or in minutes
Select Past to give a value in second lowe	
Device identification PR Settings Time & Penced Time to Penced Time	Device identification FIRSettings Primware Inte & Period A Thresholds FIRsware Inte & Period A Thresholds Thresholds FIRsware Inte & Period Inte & Period
Period settings → Measure period: Normal: 00 h 15 min Fast: 00 s	Period settings → Measure period: ● Normal: 00 h 00 min ● Fast: 30 s → Record period: ● Normal: 00 h 11 min ● Fast: 00 s
Time control Current time: ? Set time Get device time	Time control Current time: ? Set time Get device time
X Restore Send 🄀 Cancel	🗶 Restore 🖛 Send* 🔀 Cancel
 The 'Measure' period for the « <i>Monitoring</i> » mode : → By default, a measurement is transmitted every 10s from the Logger to RF-Monitor with a request for acknowledgment. This value is define to enable you to test the functionalities of the software and visualize the mesure every 10 seconds on the graphic. Change this value to correspond to your needs and also to save battery 	 The «Measure » period and « Record » period for the «Live/Record» mode : By default in 'Live' mode, a measure is transmitted every 10s from the Logger to RF-Monitor which allows the user to set alert thresholds and verify the operation of the Logger. By default, in 'Record' mode, every 10 minutes, the logger takes a measure and store in its memory. These measures will be restituted to RF Monitor on request and after a change for the 'Monitoring' mode (Cf.1.2 Operating Mode for loggers). For your tests in 'Record' mode, we recommend a shorter period of 1 minute for example. Remark : The higher the frequency is for the measurement, the faster the memory will be full. For information: period 1 mn → 200 days of autonomy period 30 mn → 2 years of autonomy Therefore, during the setting up of the recording mode, selecting the "oversampling" is not recommended.
In Time control, there is nothing to change, the date and time of the logger will be automatically set	Concordentiations Protections Provent
Click on Send	Traccored Current free \longrightarrow 2014/01/101457-04 $\textcircled{\ }$ Settine $\textcircled{\ }$ Call devices three X. Return $\textcircled{\ }$ A. Current
 If you changed the Firmware mode before confirming the mode changing for the product and deleting data, do not forget: → to download your actions if you were in « Live/Record » Mode → check that the transmission is not interrupted in order not to lose the measurements (Next Transmission « ? » on the line of the concerned Logger) if you were in « Monitoring » Mode. 	Warning Warning Please confirm change of device's mode ? Stored records will be erased. Oui Non

5.2.4 Configure the thresholds



5.3 User management

Click	Settings					RFMonitor G File View Da	DLD - workspac tabase Tools	e_2010-12-09.xm	l ion ?	
Click	user manageme	nt				Description	Product t.	Devices a Data man	alerts panel agement properties connection settings nagement	
Click General Enter the password « Administrator local password » (default value 1234). This password allows the administrator to log in, in case of connection problem for users. Activate user authentication Lock users after several invalid login: Define the number of trials allowed for connection.			Users mann General - Ad - Lo - Re	agement : users, groups a Users Groups Group's ministrator local password: tivate user authentication: cick users after several invalic estore default configuration:	Ind permissions permissions login:	1234 (27) (5) (*) Restore	a) *7 Restore	Save N	22	
In case of a connection problem for a user, when starting RF Monitor: Select Local Mode Enter the Administrator local password Click Connection						Login Ple	ase identify your Username: Password: Local mode : Que C	self to open the pro administrator 1234 20 00 00 00 00 00 00 00 00 00 00 00 00	gram (admin only)	
Click the Users Tab By default. 3 users have been created:		Users man	agement : users, groups a	permissions permissions Current user properties :						
	User	Password	Group	manag user	ger	 Disemanie. Password : 	admin			i
	admin	admin	Administrators			 Mail address : Phone number : 				i
	manager	manager	Managers			 User locked : 				i
	user	user	users			■ Webmonitor :	V			(j)
For safety reasons, it is necessary to change passwords assigned upon installation. It is possible to create a new user by clicking on «+ ».				User group : User last connection on:	administra	stors 🔻				
						3 Restore	Save	K Close		



Enter the name new user Click on OK	Warning 23 Enter new user name : new user New user K Cancel K Cancel
The new user is added to the list. Select it Assign him a password. The fields email address and phone number are optional. The box User locked is checked if the user typed several times a bad password. It is then possible to reactivate the user by unchecking the box. The Webmonitor In User group, define to which group the user belongs and therefore, what are its rights. You can use one of the default group or create a new group (see « Groups» and « Group's Permissions » tabs).	Users management : users, groups and permissions
To delete a user , select it, click «¬» . Confirm in the « Warning » window.	Are you sure you want to delet user 'new user' ?
To delete all users , click «X» Confirm in the « Warning » window.	Warning Warning Are you sure you want to delete all users ? Oui Non
To delete all users , click «X» Confirm in the « Warning » window.	Login Please identify yourself to open the program Username: Password: GOLD Local mode: (admin only) Connexts
Click the Groups Tab It is possible to create a new group by clicking on «+ »	Users management : users, groups and permissions General Users Group: Group's permissions Binup: Pépation des utilisateus :: administrators managers users managers users new user environment environment group: new user environment environment environment environment
Enter the name new group Click on OK	Warning Enter new group name Tew group Tew group Tew group Tew Group Concel

The new goun is added to the list	Users management : users, groups and permissions			
	General Users Group Group's permissions			
Colort nous roun	Groups 🚱 🖃 🗶 Réparition des utilisateurs :			
Select new goup	administrators Uther users Stroup: new group			
Assign it some users by selecting the desired users and	Term group			
clicking the green arrow.				
The available users are in green in the column « Other				
users »				
The users in red in the column « Other users » have				
already been assigned to another group				
	🔊 Restore 🛃 Save 🗶 Cancel			
To remove a user from a group, select it in the Group	Users management : users, groups and permissions			
column and click the green arrow	General Users Group's permissions			
	Groups 🚱 🕳 🗙 Reparation des utilisateurs : administrators Group : "new group"			
	managers admin trew uter			
	(new group)			
	🄊 Restore 🗾 Save 🏼 🗶 Cancel			
	Naming 🔤			
To delete a group , select it, click « ¬».	Are you sure you want to delete group 'new group'?			
Confirm in the « Warning » window.	Oui Non			
To delete all groups, click «X»	E Warning			
Confirm in the « Warning » window	Are you sure you want to delete all the groups ?			
	Non			
Click the Group's permission Tab	Users management : users, groups and permissions			
Assign the rights for the new group	General Users Group's permissions			
	Permissions des differents groupes : Permissions administrators managers users rew group			
REMARK	Measures			
In the "logs" part:				
To give the right "Set comment" the right "View event	Set comments			
Ing " must be celected	Update device configuration			
In the "Device settings" part:	Update device radio setting:			
The right "lindere device configuration" must be	Update device thresholds			
ne nent opuate device configuration must be	Update device firmware			
selected to select other rights in the same part	Changing state 🗸			
	"7 Restore 🛃 Save 🗶 Cancel			
Do not forget to click « Save » to save your modifications				



	Username:	new user	
	Password :	••••	
GOLD	Local mode :		(admin only

6 Annexe – you can't remember you IP address

If you can't remember the IP address of your computer: • Click WINDOWS icon	Programs (1)
• Enter the command: cmd.exe	See more results Cend.exe X Shut down
Press Enter	
Write ipconfig	C:\Windows\system32\cmd.exe
	Microsoft Windows [Version 6.1.7601] Copyright <c> 2009 Microsoft Corporation. All rig</c>
Press Enter	C:\Users\QA>ipconfig_
Get your IP address on the line IPv4 Address	C.\Windows\system32(cmd.exe Microsoft Windows [Uersion 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. C:\Users\QA\pconfig Windows [IP Configuration
• Click [X] to close the windows	Ethernet adapter Connexion au réseau local: Connection-specific DNS Suffix .: Link-local IP06 Address

Address of the manufacturer:

NEWSTEO S.A.S. 93 avenue des Sorbiers – ZE Athelia 4 13 600 La Ciotat – France