

APPLICATION NOTE

Starting with the M2Me solution

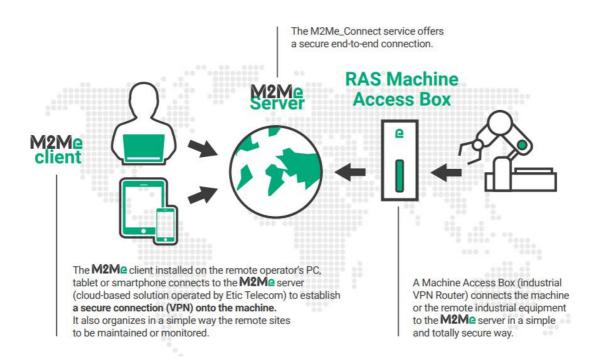
- 1) The M2Me solution
- 2) M2Me license activation (PC and Smartphone).
- 3) How to install the M2Me client for PC
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- 7) How to create a remote user on a RAS Machine Access Box
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Last update : 13/11/2023



1) THE M2ME SOLUTION

The M2Me solution is dedicated to remote maintain and control any type of industrial devices (PLC, HMI, Drive, ...). Using M2Me you can from your PC, your tablet or your smartphone be "teleported" in real time and safely onto the remote site you want to monitor or maintain.



The terminal of the remote operator shall be equipped with an M2Me Client (for PC or Smartphone) enabling a direct and secured connection to the M2Me server (Cloud solution operated by Etic Telecom). M2Me Client offers a user-friendly HMI presenting the remote sites on directories.

A machine Access Box (Industrial VPN router, namely RAS) ensures the connection between the devices of the machine and the M2Me server (secured VPN link).

2) M2ME LICENSE ACTIVATION (PC AND SMARTPHONE).

• Creation of your customer area

Log on our web page <u>www.etictelecom.com</u> and create your customer area (click on "sign up now").

Fill out the form by filling in at least all the fields marked in green

THE BENEFITS OF AN ETIC TELECOM ACCOUNT

- Simple visualization of your remote sites.

- Access to additional options (SMS alert, M2Me function ...).

- Crediting SMS in the Machine Access Box or the router (RAS / IPL).

- M2Me client activation on the M2Me server.

ACCOUNT CREAT	TION
Company	
You are	
Web site	
Last name First	name
Function	
E-mail address	
Phone number	
Password Pass	word
At least 8 characters I want to receive the last information concerning the Etic Telecom I'm not a robot Processor Terms Proce	products
Sign up	

A message will be sent to the registered email address to complete the creation of the account.

M2Me client registration

In the "M2Me Client" section, give a name to your M2Me Client and enter your purchase code (see below).

	CUST	OMER AREA	
L Sign out			
	M2Me clients	Edit account	
M2Me clients		ENABLE A NEW M2ME CLIENT]
M2ME CLIENT NAME		M2Me client name	
New client		Smartphone Jean Dupont	
		Purchase code	
		MC_XTUQKDPLLPKG	
		CANCEL ADD	

The obtained activation code must be kept carefully. It will be necessary to activate the M2Me application on your PC, smartphone, or tablet.

M2Me PC Client purchase codes are in the format MP_xxxxxxx. M2Me Smartphone Client purchase codes are in the format MC_xxxxxxx.

3) HOW TO INSTALL THE M2ME CLIENT FOR PC

From the version 2.2.0 it is now possible to use it on a Windows session where the user is not administrator of the PC.

For an update, it is preferable to back up the directory of sites (detailed instructions are provided in point 5: Backup/Restore of a Sites Directory).

• M2Me client download

Click on <u>www.etictelecom.com</u>. (Support/software)

Only the latest software version of our M2Me client is available on the download area.



• M2Me client activation

A unique certificate is required to identify yourself on the M2Me service. Use the activation code to download the M2Me certificate. Once the M2Me client is activated, you will be able to connect to the M2Me_Connect service.

M2Me - D X	M2Me	– 🗆 X	2 M2Me	- 0 X
Marce Contract but on the set of the field of contracts to the set of the field of contracts to the set of the field of contracts to the set of the set of the field of contracts to the set of the s	M2Me - Certificate installation	In the adjustics code for your M2Me clear, to an adjust error database consumation or any and error your code	Certificate installation	the activation code for your M2Be cleer, reasts and enter your code to be as been successfully installed 1 ox
M2Me Client V2.4.3 Copyright & 2007-2022 ETIC TELECOM		t2Me Client V2.4.3 0 2007-2022 ETIC TELECOM	State and second se	Me Client V2.4.3 2007-2022 ETIC TELECOM

• Local sites directory opening

At the opening of the M2Me client, click on the "local" button to open the local sites directory.

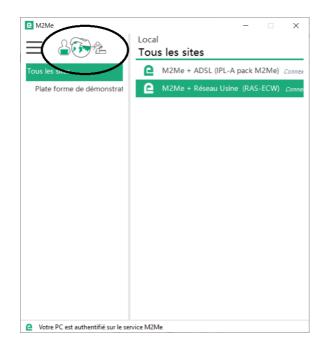
M2Me		 -	×
		-	
	M2Me		
	and the second		
	Sélectionner un répertoire		
	Local		
	NAME AND A DATE AND A DESCRIPTION OF		
	+ Ajouter un répertoire de sites		
		2	

From the 2.2.1 version, it is possible to connect your M2Me client to your fleet management product (RFM) to get your sites directory.

• Test on our « demo WALL »

You can do the M2Me connection from your PC to our "demo wall" to verify that the M2Me Client is properly installed on your PC. The "demo wall" can be reached from the directory of the M2Me Client.

To initiate a connection to a remote site, select it on the list and click on the "Connect to the site" button.



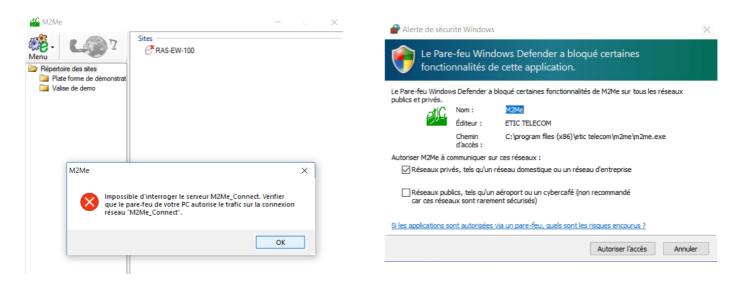
You can set your remote site connection credentials on a dialog box. It is already filled for the demonstration sites.

Fous les sites	 M2Me + ADSL	(IPI -A pa	ack M2I	Me)	Conn
Plate forme de d	M2Me + Résea	2 A			
	Me + Réseau Usine (RAS assurez-vous qu'il n'y a p. OK				

Warning: if you have specific SW to drive the maintenance of your PLC (PL7, Unity, So Machine, STep 7, TIA Portal, ...), please note that this SW must be on the PC equipped with the M2Me Client.

• Firewall problem of your new PC

The Windows Firewall can block some features of M2Me (see image below).



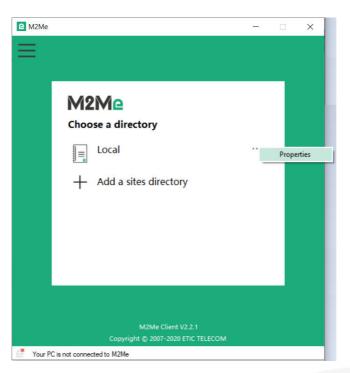
It is then necessary to check the M2Me access requested for proper operation.

Autoriser les applications à communiquer à travers le Pare	-feu Windows	Defender		
Pour ajouter, modifier ou supprimer des applications et des ports autorisés, paramètres.				
Quels sont les risques si une application est autorisée à communiquer ?	- Wodifier lei	parametres		
Applications et fonctionnalités autorisées :				
Nom	Privé	Public ^		
Google Chrome	×	M		
Groove Musique		M		
Groupement résidentiel	7			
Hôte de l'expérience du Windows Store	2			
☑ Hub de commentaires	Z			
□ Infrastructure de gestion Windows (WMI)				
□ Interruption SNMP				
Journaux et alertes de performance				
Lecteur Windows Media				
⊠ M2Me		\odot		
Me Me	6	м		
March of Empires: War of Lords		M V		
	Détails 5	upprimer		
	utoriser une autre ap			

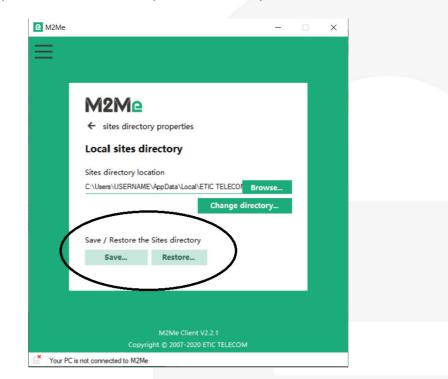
4) LOAD / RESTORE THE SITES DIRECTORY

In the operating phase or during the installation of your M2Me client, you may have to download a new address book file of remote sites WITHOUT RECREATING MANUALLY EACH SITE.

Launch your M2Me Client and click on the "properties" button next to your local site directory.



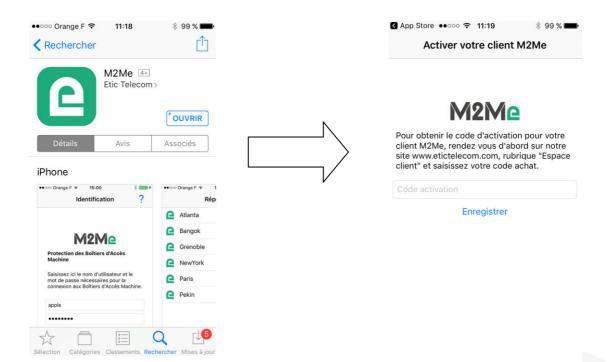
In the opened menu you can save and restore your sites directory.



5) INSTALL THE M2ME CLIENT ON YOUR SMARTPHONE/TABLET FROM THE APP STORE OR GOOGLE PLAY.

The activation code obtained must be carefully preserved. It will be necessary to activate the M2Me application on your smartphone or tablet.

• M2Me Client installation on your smartphone or tablet from the App Store or Google Play.



• Creating a remote site.

From the client area (Site Management Topic), create a remote site by giving it a name and entering the product key from the Remote Site RAS Access Machine.

	STOMER AREA
charles chaussonnier - <u>Sign ou</u> Sites management	M2Me clients Edit account
Cited management	
Site directory	
GROUPS	NEW SITE
New group	Create a new site
All	Demo
	Product key
	Fee48ee8-C09a-4934-9164-5C876c90e58a
	CANCEL ADD

• Connection settlement from your smartphone or tablet to remotes sites.

●●○○○ Orange F 훅	11:20	* 99 % 🗩
lde	entification	?
M	12Me	
Protection des Machine		
Saisissez ici le i mot de passe n connexion aux l	écessaires po	ur la
Nom d'utilisate		
Mot de passe		
Se souvenir		\bigcirc
	ok	

The connection presupposes your referencing in the Machine Access Box (namely RAS) as a remote user. Your username and password will be requested before any M2Me connection.

6) PORTING THE M2ME CLIENT ONTO A NEW SMARTPHONE/PC

Log on to www.etictelecom.com and go to your customer area and **disable the terminal** as described hereunder.

M2Me clients

M2ME CLIENT NAME	ТҮРЕ	ENABLED
New client		
Smartphone Mister Hardworker <u>+ details</u>	Mobile	Yes 🔹
		Activation code
		Rename Disable
Il in your activation code on your new smartphone or P	РС.	

G App Store ↔∞∞ ♥ 11:19	
Activer votre client M2Me	
M2Me - Certifi	icate installation X
M2MC Pour obtenir le code d'activation pour votre client M2Me, rendez vous d'abord sur notre site www.etictele.com.com, rubrique "Espace client" et saisissez votre code achat.	To obtain the activation code for your M2Me client, first go to our website www.etictelecom.com under "customer area" and enter your code
	ation code :
Enregistrer	
	Install Cancel
Your PC is not conne	M2Me Client V2.4.3 Copyright © 2007-2022 ETIC TELECOM

Note: If you have lost your activation code, you can generate a new activation code by entering your purchase code.

lients M2Me	RÉCUPÉRER UN CODE	D'ACTIVATION			
NO DALEY AND STREET, ST	Code achat				-1
IOM DU CLIENT M2ME	Saisissez votre code achat				
Vouveau client		ABANDONNER VALIDER			
	er <u>adoba</u>		Mobile	Non	
	er <u>+datos</u>		Mobile	Non	8
	er s.dreba		Mobile	Non 🧔	
	er <u>+ d'adia_</u>		Mobile	Non	8
	er <u>+ studiu</u>		Mobile	Non	
	er <u>+ d'orba</u> .		Mobile	Non	
Smartphone Mister Hardwork	er <u>stritus</u>		Mobile	Non 🧔	
	er <u>stretos.</u>		Mobile	Non 🧧	
	er <u>strink.</u>		Mobile	Non 🧧	

7) HOW TO CREATE A REMOTE USER ON A RAS MACHINE ACCESS BOX

The RAS Machine Access Box must be pre-configured to be connected to the M2Me service. A Wizard available from the home page of the product allows a quick and intuitive configuration.

• Add a user:

> Add/Edit a user				
Save Cancel Page has unsaved changes				
We advise you to use strong passwords, click on the help ic	on to know more.			
User				
Active				
Full name	Jean Dupond]		
Company]		
E-mail adress]		
Phone number (International format : +33611223344)				
User name	jdupond			
Password	••••••	••••••	Passwords match	
Password strength	Ok			

For security reasons, choose a password longer than 10 characters with uppercase and lowercase letters, numbers and special characters

Save	Cancel
------	--------

• Add an operator:

> Home > Setup > Remote access > Operator list > Operator Configuration

Save Can	Cel Page has unsaved changes		
	User	✓	
Access rights	3		
Select on the tab	le below the devices and services the operator will	be authorized to access.	
Authorize	Device	Services	
	All the devices	+ All	
	All devices on the LAN	+ All	
	All devices on the additional LAN	+ All	
	This device	+ All	
Save	cel Back		

It is important to always give the same user name and password to a remote operator regardless of the RAS Machine Access Box in order to simplify operation.

8) HOTLINE SUPPORT DURING YOUR TESTS

Feel free to contact +33 4 76 04 20 05 or hotline@etictelecom.com.

9) VIRTUAL SHOWROOM

By surfing on our WEB site <u>www.etictelecom.com</u> (Support/Virtual Showroom) you can learn how to configure a Machine Access Box (namely a RAS product).









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